

berenisadf

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Abstract

Hirwen Harendal, Arkandis Digital Foundry (ADF) has produced the Berenis ADF font collection. This guide outlines the $\text{\TeX}$ / $\text{\LaTeX}$ support provided by berenisadf for version 1.004 of the fonts.

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*Bug tracker: codeberg.org/cfr/nfssect/issues | Code: codeberg.org/cfr/nfssect | Mirror: github.com/cfr42/nfssect

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1 Introduction

This document explains how to use the $\text{\TeX}/\text{\LaTeX}$ support provided for version 1.004 of the Berenis ADF font collection developed by Hirwen Harendal of the Arkandis Digital Foundry (ADF). `berenisadf` includes copies of the fonts in postscript type 1 format and opentype versions as source. Both 8-bit and Unicode engines are supported. Further information about the fonts themselves can be found at <http://arkandis.tuxfamily.org/adffonts.html>. The fonts are released under the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or any later version, with font exception. For details, see `NOTICE.txt` and `COPYING`.

The $\TeX/\LaTeX$ support package consists of all files listed in `manifest.txt` and these files are released under the $\LaTeX$ Project Public License as explained in the included licensing notices. Please report any issues using the [BUGTRACKER](#).

2 The collection

Berenis ADF is a serif family designed as a substitute for Bodoni or Didot. The family currently includes upright, italic, small-caps and italic small-caps shapes in each of regular and bold weights. Six sets of digits are provided: proportional oldstyle and lining; tabular oldstyle and lining; inferior; and superior¹. The support package renames the fonts according to the Karl Berry fontname scheme and defines 22 families. Together, these provide support for the `tt` and two versions of the `ly1` font encoding², for use with 8-bit engines, and `tu`, for use with Unicode engines³.

2.1 8-bit engines

`ly1` and `tt` are provided for 8-bit engines⁴.

Whether to use `ly1` or `tt` depends on the features of the fonts required in any particular document. For example, Welsh should be typeset using `ly1`⁵, but Polish requires `tt` and only `ly1` provides extended ligatures and ‘swash’ variants.

Eight families primarily provide access to the ‘standard’ or default characters while the four ‘ligature’ or ‘swash’ families support additional non-standard ligatures, alternate glyphs, the slashed zero and additional pre-composed accented characters⁶. Four further families include the inferior and superior figures, together with any other complementary characters included in the fonts. The remaining six families provide the ‘Text Companion’ encoding for use with the `tt` encoding. The included package files provide access to these features in $\LaTeX$ as explained in section 4 on the following page and section 5 on page 8.

The ‘ligature’ or ‘swash’ families are supported only for `ly1`. In addition, Welsh should be typeset in `ly1` since the customised encodings better support it, especially in version 2.0. Polish should be typeset (from version 2.0) with `enc=<tt>` and either no `lig` or `lig=<false>`.

¹In fact, the fonts also include denominator and numerator figures. Since there is currently no use for these in $\TeX$, however, the support package ignores them.

²The initial version of the package did not support `tt` and `ly1` remains the default to ensure backwards compatibility.

³Support is specifically targeted at $\text{Lua}\LaTeX$, but should also work with $\text{Xe}\LaTeX$.

⁴For example, $\TeX$, $\text{e}\TeX$ and $\text{pdf}\TeX$. If you use $\text{pdf}\LaTeX$ to compile, you are using an 8-bit engine; if you use LuaLaTeX or XeLaTeX , you are using a Unicode engine. 8-bit engines support 7-bit and 8-bit fonts, which include at most 128 and 256 characters respectively.

⁵This is true specifically for `berenisadf`. For most fonts, it makes no difference which encoding is chosen as Welsh is equally poorly supported by all of them and most postscript fonts don’t provide the relevant characters anyway.

⁶Section 4.1 on the following page describes the encodings used to create these families. Mappings from the original font names to Berry names are shown in table 2.2 on the next page. For further details see the encoding (`.enc`) and kerning/ligaturing (`.lig`) files.

Table 1: Mapping Arkandis to T_EX Berry Names

T _E X Directory	Font Families	Original Name	Berry Name
berenis	ybd, ybdj, ybdjw, ybdw, ybd2, ybd2j, ybd2jw, ybd2w, ybd0, ybd1	BerenisADFFPro-Regular	ybdr
		BerenisADFFPro-Italic	ybdri
		BerenisADFFPro-Bold	ybdb
		BerenisADFFPro-BoldItalic	ybdbi
		BerenisADFFProSC-Regular	ybdrc
		BerenisADFFProSC-Italic	ybdrci
		BerenisADFFProSC-Bold	ybdbc
		BerenisADFFProSC-BoldItalic	ybdbci

2.2 Unicode engines

The provided families largely follow the pattern explained for L_V1 above, but here there is no price to pay for access to additional ligatures and alternate forms as we are not limited to 256 characters per font. The difference is that no Berry names are used for fonts; the Berry names in are used only for L_V1 families.

Note that legacy documents compiled with Unicode engines may generate PDFs using a mix of opentype and type1 fonts. One may also see warnings about missing characters. These are due to limitations in L_V1 2_ε and not bugs in this package⁷. Use of type1 fonts may be avoided by replacing ts1 symbol macros with Unicode alternatives. For example, use \ostyle or \texto to produce hanging numerals rather than \oldstylenums or \textoneoldstyle.

3 Requirements

Apart from such obvious requirements as L_V1 2_ε, the L_V1 support provided by berenis.sty requires nfssect-cfr. Without nfssect-cfr, you will get errors complaining that the package cannot be found and you will not be able to use any of the additional font commands described in section 5 on page 8.

The documentation requires additional packages. These are all standard and available from CTAN but you can always comment out the relevant lines in berenisadf.tex if you wish.

4 The support package

4.1 Encodings

The package supports modified TeXnANSI/L_V1 encodings, as shown in table 2 on the next page. Version 2.0 provides limited support for T₁ and T_S1. Version 3.0 provides experimental support for Unicode (T_U). Most characters in the TeXnANSI encoding are available, including the €. Six of the families use encodings based on texnansi.enc; four use encodings based on texnansx.enc. These bases are reflected in the file names as shown below. All non-Unicode encodings make certain changes to accommodate differences in glyph names.

⁷Really, *this* is not my fault!

Table 2: berenis

encoding file	provides	figures	empty slots →
texnansi-ybd.enc	TeXnANSIEncoding-ybd	tabular lining	fj, ffj, $\hat{W}$, $\hat{w}$, $\hat{Y}$, $\hat{y}$
texnansi-ybd2.enc	TeXnANSIEncoding-ybd2	proportional lining	
texnansi-ybd2j.enc	TeXnANSIEncoding-ybd2j	proportional oldstyle	
texnansi-ybdj.enc	TeXnANSIEncoding-ybdj	tabular oldstyle	
texnansx-ybd2jw.enc	TeXnANSIEncoding-ybd2jw	proportional oldstyle	fj, ffj, ft, fft, tt,
texnansx-ybd2w.enc	TeXnANSIEncoding-ybd2w	proportional lining	ch, ck, cl, ct,
texnansx-ybdjw.enc	TeXnANSIEncoding-ybdjw	tabular oldstyle	sh, sk, sl, sp, st,
texnansx-ybdw.enc	TeXnANSIEncoding-ybdw	tabular lining	$\emptyset$, Q, $\hat{W}$, $\hat{w}$, $\hat{Y}$, $\hat{y}$
texnansi-ybd0.enc	TeXnANSIEncoding-ybd0	inferiors, as available	N/A
texnansi-ybd1.enc	TeXnANSIEncoding-ybd1	superiors, as available	
t1-ybd.enc	T1-ybd	tabular lining	None
t1-ybd2.enc	T1-ybd2	proportional lining	
t1-ybd2j.enc	T1-ybd2j	proportional oldstyle	
t1-ybdj.enc	T1-ybdj	tabular oldstyle	
t1-ybd0.enc	T1-ybd0	inferiors, as available	
t1-ybd1.enc	T1-ybd1	superiors, as available	
ts1-ybd.enc	TS1-ybd	tabular lining	N/A
ts1-ybd2.enc	TS1-ybd2	proportional lining	
ts1-ybd2j.enc	TS1-ybd2j	proportional oldstyle	
ts1-ybdj.enc	TS1-ybdj	tabular oldstyle	
ts1-ybd0.enc	TS1-ybd0	inferiors, as available	
ts1-ybd1.enc	TS1-ybd1	superiors, as available	

For example, the slots for `onesuperior`, `twosuperior` and `threesuperior` are used for `one.superior`, `two.superior` and `three.superior` in all encodings.

By default, `texnansx.enc` does not work correctly with `ly1def.enc` which is needed by `fontenc` to implement the `LY1` encoding. The idea of the encoding file is to remove the duplicates found in the standard `TeXnANSI/LY1` encoding, freeing up additional slots for other purposes. Unfortunately, from the point of view of `ly1def.enc`, the file frequently removes the wrong duplicate. All encodings for `berenisadf` based on this file were therefore further modified to restore the removed duplicate and remove the correct one where this was necessary for cooperation with `ly1def.enc`.

The fonts do not provide anything like a full set of inferiors or superiors. `texnansi-ybd0`, `texnansi-ybd1`, `t1-ybd0`, `t1-ybd1`, `ts1-ybd0` and `ts1-ybd1` are intended only to support what is available. This amounts to the digits (₀₁₂₃₄₅₆₇₈₉⁰¹²³⁴⁵⁶⁷⁸⁹), some basic punctuation (_{.,_ / ^ ~}) and symbols (_{€ \$ % & ¶}^{+ £ % € ¥}) and, in the case of superiors, a selection of lowercase letters (_{abdehilmnorst}). The ‘standard’ letters and symbols make no sense here so when inferiors or superiors are in use *only* those symbols available in subscript or superscript form are provided.

The encodings use symbols to match the relevant style of figures when these are available. For example, `\texteuro 3.15` will variously produce €_{3.15}, €^{3.15}, €₃.15, €³.15, €_{3.15} or €^{3.15} depending on the current family.

For Unicode, no special encodings are needed. Instead, equivalent functionality is implemented using opentype font features in the `otf` fonts themselves.

4.2 L^AT_EX package

`berenis (pkg.)` To use the fonts in a L^AT_EX document, add `\usepackage{berenis}` to your document preamble. This will set the default serif/roman family to `ybd` (`berenis`) and enable access to the various alternates, styles and ligatures. Six optional arguments are available to tailor the behaviour of the package: `lf/osf`, `tab/prop`, `lig`, `lm` and `enc`.

`lf (opt.) = true|false`

`lining (opt.)` By default, oldstyle figures are used as standard and lining digits are available using the commands explained in section 5 on the following page. To make lining figures the default instead, use one of the following when loading the package:

```
\usepackage[lf]{berenis}
\usepackage[lf=true]{berenis}
\usepackage[osf=false]{berenis}
```

`osf (opt.) = true|false`

Similarly, to explicitly request oldstyle figures:

```
\usepackage[osf]{berenis}
\usepackage[osf=true]{berenis}
\usepackage[lf=false]{berenis}
```

`tab (opt.) = true|false`

By default, proportional figures are used as standard and tabular digits are available using the commands explained in section 5 on the next page. To make tabular figures the default instead, use one of the following when loading the package:

```
\usepackage[tab]{berenis}
\usepackage[tab=true]{berenis}
\usepackage[prop=false]{berenis}
```

`prop (opt.) = true|false`

Similarly, to explicitly request proportional figures:

```
\usepackage[prop]{berenis}
\usepackage[prop=true]{berenis}
\usepackage[tab=false]{berenis}
```

`enc (opt.) = ly1|LY1|t1|T1`

By default, the package will use the `LY1` encoding on 8-bit engines and `tu` on Unicode engines. To use `T1`:

```
\usepackage[enc=t1]{berenis}
```

To explicitly request LY1, use:

```
\usepackage[enc=ly1]{berenis}
```

`lig (opt.) = true|false`

Loading `berenis` with `lig` or `lig=true` will select the versions which enable the additional ligatures and pre-built accented characters, and access to the alternate Q and the slashed zero as default. ***This option is not recommended unless you are sure you know what you are doing.*** You should also note that this option will mean all of the additional ligatures will be active, which may not be what you want. Again, passing `lig=false` will explicitly request the default — and strongly recommended — behaviour which is to *not* enable the additional characters by default.

Note that `lig` **requires** the LY1 encoding. This encoding is the default, but if you enable T1 instead, the package will warn you about the inconsistency.⁸

`lm (opt.) = true|false`

This option controls whether Latin Modern is used for sans and typewriter text. Because Computer Modern does not support the TeXnANSI/LY1 encoding, you will likely get strange results unless you redefine `\sfdefault` and `\ttdefault`. Latin Modern is used because it is close to the default Computer Modern fonts and is widely available. If you would prefer that the package not redefine the default sans and typewriter families, use `lm=false` when loading `berenis`. To explicitly request the default behaviour, which does redefine these families, use `lm` or `lm=true`.

Note that loading `berenis.sty` will not affect the default setup for mathematics.

This option has no effect on Unicode engines since Latin Modern is already the default.

`scale (opt.) = <scaling factor>`

Scale all fonts provided by the package by *<scaling factor>*, which should be a positive integer or simple decimal such as 2 or 1.2. This option is intended for cases where the fonts should be scaled to match other families used in the document e.g. for consistency with the size of sans and/or typewriter fonts.

Initially empty, which is equivalent to 1 but more efficient.

5 Additional font selection commands

The ~~TeX~~ package `berenis` loads `nfssect-cfr` which is an extension of the package `nfssect` supplied by Philipp Lehman as part of The Font Installation Guide. The file extends the font selection commands to facilitate access to various font features. Both the original and the extension are designed for use with a wide range of fonts. For this reason, only a subset of the additional commands are relevant to any particular font support package. Those relevant to `berenisadf` are described below.

Note that one *cannot* use `fontspec` commands with fonts setup by this package. If you would prefer to use these, simply load the opentype fonts directly with `\setmainfont`

⁸In earlier versions, selecting `lig` also selected the LY1 encoding and setting `enc=t1` deselected `lig`, so that the last option used was always effective. The current version processes all options before examining inconsistencies, so the previous behaviour is no longer the case.

Table 3: Shapes

shape	shape command	text command
italic small-caps	<code>\itshape\scshape</code> ^a	<code>\textit{\textsc{}}</code> ^a
	<code>\scshape\itshape</code> ^a	<code>\textsc{\textit{}}</code> ^a
	<code>\sishape</code>	<code>\textsi{}</code>

^a Supported for all versions of $\text{\TeX 2.}\epsilon$.

Table 4: Styles

style	style command	text command	effect
swash ^a	<code>\swashstyle</code>	<code>\textswash{}</code>	‘ligature’ or ‘swash’ as described

^a Swash is implemented *completely differently* by `nfssect-cfr` from the newly developed kernel implementation. The new version of `nfssect-cfr` should be compatible with the kernel implementation but you *must* use the macros provided by that package (e.g. `\swashstyle` or `\textswash`) to access the swash variants provided by `berenisadf`. That is, you **cannot** use the kernel’s methods to access these features. You may, however, use the macros provided by `nfssect-cfr` for fonts designed to work with the kernel implementation, since that package has been revised to work with these fonts, too.

and do *not* load `berenis`. Note that in this case `ts1` symbols will be taken from a different font, probably Latin Modern, so macros such as `\oldstylenums` really should be avoided in this case.

5.1 `nfssect-cfr`

These commands are available when `berenis` is loaded. If for some reason you wish to make them available when no relevant package is loaded, use `\usepackage{nfssect-cfr}` in your document preamble.

5.1.1 Shapes

`\sishape` (†) Commands to change font shape which extend the default $\text{\TeX 2.}\epsilon$ functionality in relevant `\textsi` (†) ways are listed in table 3. These font features are available regardless of font encoding selected.

For example, `\textit{\scshape I always avoid a kangaroo.}` produces:

LEWIS CARROLL WROTE, I ALWAYS AVOID A KANGAROO.

5.1.2 Styles

This section applies only when the `LY1` or `TU` encodings are used. If `ts1` is selected instead, none of the font features described here will be active.

`\swashstyle` Table 4 lists commands provided for changing the current font style. Commands provided `\textswash` by $\text{\TeX 2.}\epsilon$ are not included.

`\swashstyle` and `\textswash{}` switch to the ‘ligature’/‘swash’ families (`ybdw/ybdjw/ybd2w/ybd2`

`Q*` (*alt*) Within the scope of these commands:

- `fj` (*lig.*)
- `ffj` (*lig.*)
- `ch` (*lig.*)
- `ck` (*lig.*)
- `cl` (*lig.*)
- `ct` (*lig.*)
- `ft` (*lig.*)

- Q will typeset the regular ‘Q’ (Q);
- Q* will typeset the alternate ‘Q’ (Q, LY1 only);
- f j ff j will produce ligatures (fj/ffj);
- ch ck cl ct ft fft sh sk sl sp st tt will produce additional ligatures (ch/ck/cl/ct/ft/fft/sh/sk/sl/sp/st/tt);
- \zeroslash will produce the slashed zero if lining figures are in use (0/0, LY1 only);
- \^W, \^w, \^Y and \^y will use pre-composed glyphs (Ŵ/ŵ/Ŷ/ŷ).

f j (*lig.*) Outside the scope of these commands:
 ff j (*lig.*)

- Q will typeset the regular ‘Q’ (Q);
- Q* will typeset the regular ‘Q’ followed by an asterisk (Q*, LY1 only);
- f j ff j will produce ligatures (fj/ffj);
- ch ck cl ct ft fft sh sk sl sp st tt will not produce ligatures (ch/ck/cl/ct/ft/fft/sh/sk/sl/sp/st/tt);
- \zeroslash will not produce the slashed zero even if lining figures are in use (0/0, LY1 only);
- \^W, \^w, \^Y and \^y will use pre-composed glyphs (Ŵ/ŵ/Ŷ/ŷ).

For example, suppose that berenis was loaded and the following commands set up:

```
\newcommand{\fytext}{%
  Queenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly shivering
  otters in fjords.\par
  {%
    \swashstyle
    Q*ueenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly
  shivering otters in fjords.%
  }%
}
\newcommand{\fytest}{%
  \fytext \medskip\par
  {\itshape\fytext} \medskip\par
  {\scshape\fytext} \medskip\par
  {\sishape\fytext}%
}
```

Then:

\fytext

produces:

Table 5: Figures

figure style	style command	text command	effect
lining	<code>\lstyle</code>	<code>\textl{}</code>	0123456789
oldstyle	<code>\ostyle</code>	<code>\texto{}</code>	0123456789
tabular	<code>\tstyle</code>	<code>\texttt{}</code>	0123456789
proportional	<code>\pstyle</code>	<code>\textp{}</code>	0123456789
tabular lining	<code>\tlstyle</code>	<code>\textttl{}</code>	0123456789
tabular oldstyle	<code>\tostyle</code>	<code>\texttto{}</code>	0123456789
proportional lining	<code>\plstyle</code>	<code>\texttpl{}</code>	0123456789
proportional oldstyle	<code>\postyle</code>	<code>\texttpo{}</code>	0123456789
inferior/subscript	<code>\infstyle</code>	<code>\textinf{}</code>	0123456789
	<code>\instyle</code>	<code>\textin{}</code>	0123456789
superior/superscript	<code>\sustyle</code>	<code>\textsu{}</code>	0123456789

Queenie, actor-spy and often acclaimed sky-stringer, chuckled at slightly shivering otters in fjords.

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QUEENIE, ACTOR-SPY AND OFTEN ACCLAIMED SKY-STRINGER, CHUCKLED AT SLIGHTLY SHIVERING OTTERS IN FJORDS.

QUEENIE, ACTOR-SPY AND OFTEN ACCLAIMED SKY-STRINGER, CHUCKLED AT SLIGHTLY SHIVERING OTTERS IN FJORDS.

QUEENIE, ACTOR-SPY AND OFTEN ACCLAIMED SKY-STRINGER, CHUCKLED AT SLIGHTLY SHIVERING OTTERS IN FJORDS.

QUEENIE, ACTOR-SPY AND OFTEN ACCLAIMED SKY-STRINGER, CHUCKLED AT SLIGHTLY SHIVERING OTTERS IN FJORDS.

5.1.3 Figures

The font features described in this section are available regardless of font encoding selected.

Two sets of commands are available for choosing tabular or proportional and oldstyle or lining digits.

`\lstyle` The commands in the first four rows of table 5 affect *one* aspect of the figure style. Their
`\ostyle` effect therefore depends partly on the style of figures in use at the time they are issued.
`\textl` Since this document uses proportional oldstyle figures by default (0123456789), `\textl{}`
`\texto` gives *proportional* lining figures (0123456789) and `\texttt{}` gives tabular *oldstyle* digits
`\pstyle` (0123456789). If lining figures had been in use (0123456789), `\texttt{}` would have
`\tstyle` switched to tabular *lining* figures (0123456789) rather than to tabular oldstyle digits.
`\textp` Likewise, if tabular figures had been in use (0123456789), `\textl{}` would have changed
`\texttt` to *tabular* lining figures (0123456789).

`\plstyle` The commands in the next four rows of the table, on the other hand, affect *two* aspects
`\postyle` of the figure style — whether digits are proportional or tabular *and* whether they are
`\tlstyle` oldstyle or lining. If you are not sure which style of figures will be active when the command
`\tostyle` is issued and you wish to ensure a particular result, choose one of these commands or
`\textpl` combine two commands from the first four rows. For example, to ensure tabular lining
`\textpo` figures(0123456789), use `\textttl{}`, `\texttt{\textl{}}` or `\textl{\texttt{}}`.
`\texttl`
`\textto` The final two rows list commands for accessing superiors and inferiors.
`\infstyle` In addition to modifying the figure style, these commands affect the style of certain
`\sustyle` complementary characters in the `LY1`, `T1` and `TS1` encodings as explained in section 4.1 on
`\textinf` page 5. Similar effects are implemented *via* font features for `TU`. This means that:
`\textsu`
`\instyle` (†) 50%\ off! That's just \texteuro 2.95, \pounds 3.41, \textyen 5.28
`\textin` (†) \& \\$8.67\textcent\ \textsl{or} less than \textdollar 1 \& \textsterling 0.99!!

produces:

50% off! That's just €2.95, £3.41, ¥5.28 & \$8.67€ or less than \$1 & £0.99!!

when oldstyle digits are in use, but:

50% off! That's just €2.95, £3.41, ¥5.28 & \$8.67¢ or less than \$1 & £0.99!!

after switching to lining figures.

Note that the commands for inferior and superior figures make further changes. ***Normal text cannot be typeset within the scope of the commands for inferiors or superiors.*** The commands for subscript activate basic symbols and punctuation to complement the digits. So `Llundain\textinf{(1,4+\$5)}` produces `Llundain(1,4+\$5)`. The commands for superscript activate a partial lowercase in as well. For example, `postbox\textsu{9(iii)}` produces `postbox9(iii)`.

`scale (opt)` = $\langle \textit{scaling factor} \rangle$

Scale all fonts provided by the package by $\langle \textit{scaling factor} \rangle$, which should be a positive integer or simple decimal such as 2 or 1.2. This option is intended for cases where the fonts should be scaled to match other families used in the document e.g. for consistency with the size of sans-serif or typewriter fonts.

Initially empty, which is equivalent to 1 but more efficient.

Note that creating the font files, as opposed to just the package and documentation files, requires `GNU make`, `fontforge` and a set of associated files. Testing also requires custom `lua` scripts available on [codeberg](https://codeberg.org/berenisadf).

A Installation

The vast majority of users should **IGNORE this section entirely**. `berenisadf` is included in all major $\TeX$ distributions and should be installed as part of your $\TeX$ installation. Installing the package yourself should be done only as a last resort or an educational exercise.

Note, in particular, that this version of `berenisadf` should **not** be installed on older $\LaTeX$ kernels as it is designed to work with the (New) New Font Selection Scheme, as updated around 2020⁹. Use the initial release of `berenisadf` if your installation of $\LaTeX$ predates those changes.

Installation varies with $\TeX$ distribution so you should consult the documentation which came with your system for details. In most cases, you will need to perform three steps:

1. move or copy the package files to appropriate locations on your system;
2. refresh the $\TeX$ database;
3. incorporate the included map file fragments for the different engines your distribution supports.

The following instructions assume you are using $\TeX$ Live¹⁰. They should not be too difficult to adapt if you are using a different distribution.

A.1 Install the files

The files should be installed in one of two locations: *either* the local system-wide $\TeX$ tree *or* your personal tree. If the package is installed system-wide, all users will have access to it. On the other hand, you may need privileges you do not have to do this in which case you must use your personal tree.

There are serious disadvantages to installing the package into your personal tree. In particular, these pertain to use of `updmap --user` rather than `updmap --sys`. If you are not aware of these disadvantages, please ensure you are fully cognisant of them before proceeding¹¹. Merely removing the package from your personal tree at a later point will *not* undo the effects.

For $\TeX$ Live, `kpsewhich -var-value TEXMFLOCAL` will return the path to the local tree and `kpsewhich -var-value TEXMFHOME` the path to your personal tree. The package already includes a hierarchy of files to help you install them correctly. Ignoring any symbolic link in the top directory, move or copy the files in `doc`, `fonts` and `tex` into the appropriate locations. If the tree is initially empty, you can simply move or copy the directories in as they are. If the tree already contains other packages, you may need to merge the package hierarchy with the pre-existing one. For example, if you already have a `doc/fonts` directory, move or copy `doc/fonts/berenis` into `doc/fonts/`. If you have a `doc` directory but not a `doc/fonts`, move `doc/fonts` into `doc/`.

⁹The package should™ work fine on older kernels, but the new version is bound to have some bugs and there is no reason to use it on these systems. The sole purpose of the update is to accommodate the breaking changes made to font selection. If you don't have those changes installed locally, nothing should be broken and the newer version of `berenisadf` offers no advantage at all.

¹⁰This includes Mac $\TeX$ for OS X users.

¹¹See, for example, [\$\TeX\$ SE: q/255709/](#). Why shouldn't I use `getnonfreefonts` to install additional fonts? Why shouldn't I use `updmap` when installing or removing fonts?.

A.2 Refresh the database

Again, this depends on your distribution. For $\text{\TeX}$ Live, `mktextlsr <path to directory>` for the directory you used in the first step should do the trick. Note that you *may* be able to skip this step if you install into your personal tree. Whether this is so depends on the details of your set-up. As a test, move to a directory containing none of the package files and try `kpsewhich berenis.sty`. If the file is found, you don't need to refresh the database; otherwise use `mktextlsr` and then try again.

A.3 Install the map fragments

For $\text{\TeX}$ Live, there are at least two ways of doing this. The second method varies according to the version of $\text{\TeX}$ Live and instructions are provided accordingly. Both methods depend on whether you installed into `TEXMFLOCAL` or `TEXMFHOME`. If you installed system-wide, the choice is relatively straightforward — it obviously makes sense in that case to update the font maps system-wide as well.

If, on the other hand, you installed into your personal tree, the matter is more complex. On the one hand, updating the system-wide maps may create difficulties or confusion for other users because while the map files will list the fonts as available, they will not be able to access them. On the other hand, maintaining personal font map files can produce difficulties and confusions of its own¹². Whether it is to be preferred or not is a complex issue and depends on the details of your $\text{\TeX}$ distribution, local configuration and personal preference. The one clear case is that in which you install into your personal tree because you lack the privileges needed to install system-wide. In that case, you have no choice but to maintain personal font map files or forgo the use of all fonts not provided by your administrator. Other cases are thankfully beyond the scope of this document.

A.3.1 Method 1

If you installed the package system-wide, use the command:

```
updmap-sys --enable Map=ybd.map
```

If you installed the package in your personal tree, you *may* prefer¹²:

```
updmap --enable Map=ybd.map
```

Either way, `updmap` will output a good deal of information after each incantation. This is normal. Just check that it does not end with an error and that it found the new map file.

A.3.2 Method 2: $\text{\TeX}$ Live 2008 (and probably earlier)

If you installed the package system-wide, use `updmap-sys --edit`.

If you installed into your personal tree, you *may* prefer to use `updmap --edit`¹².

¹²See, for example, [\$\text{\TeX}\$ SE: q/255709/](#). Why shouldn't I use `getnonfreefonts` to install additional fonts? Why shouldn't I use `updmap` when installing or removing fonts?.

Either way, a configuration file will be opened which you can edit. Move to the end of the file and add the following line:

```
Map ybd.map
```

When you are done, save the file. `updmap` or `updmap-sys` will produce a great deal of output if all is well. Just check that it does not end with an error and that `ybd.map` is found.

A.3.3 Method 2: T_EX Live 2009 (and possibly later)

If you installed the package system-wide, edit or or create `TEXMFLOCAL/web2c/updmap-local.cfg` and add the following line to the end of the file:

```
Map ybd.map
```

Save the file and tell `tlmgr` to merge in your addition using the command:

```
tlmgr generate updmap
```

`tlmgr` will then tell you that you need to ensure the changes are propagated correctly by calling `updmap-sys`. This should produce a great deal of output. Check that it finds the new map file and does not end with an error.

If you installed into your personal tree, you *may* prefer to use `updmap --edit` as described above for T_EX Live 2008¹³.

A.3.4 Method 3: Current/Recent T_EX Live

If you installed the package system-wide, tell `\updmap` to enable the map file:

```
updmap --sys --enable Map=ybd.map
```

This should produce a great deal of output. Check that it finds the new map file and does not end with an error.

If you installed into your personal tree, you *could* use `updmap --user` in place of `updmap --sys` as described above for T_EX Live 2008, but this is **not** recommended¹³.

To test your installation and that the package works on your system, latex this file (`berenisadf.tex`). The console output and/or log should tell you whether any fonts were not found. If you are careful not to overwrite it, you may also compare your output with `berenisadf.pdf`.

B Implementation

You do not need to read the remainder of this document in order to install or use the fonts.

¹³See, for example, [T_EXSE: q/255709/](#). Why shouldn't I use `getnonfreefonts` to install additional fonts? Why shouldn't I use `updmap` when installing or removing fonts?.

```

1 \NeedsTeXFormat{LaTeX2e}
2 \RequirePackage{svn-prov}
3 \ProvidesPackageSVN[berenis.sty]{$Id: berenisadf.dtx 12064 2026-09-22 23:50:53Z
  cfrees $}[v3.0 \revinfo]
4 \DefineFileInfoSVN[berenis]

```

Load nfssect-cfr. nfssect-cfr provides \ProcessKeyOptions, \IfFormatAtLeastTF on older kernels¹⁴.

```

5 \RequirePackage{nfssect-cfr}[2024/01/01]
6 \ExplSyntaxOn

```

From cfr-coursepacket.cls (unpublished)

```

7 \msg_new:nnn { berenis } { unknown-choice }
8 { % name of choice; valid choices; invalid choice given
9   berenis  :: #1: \msg_line_context: #3 is not a supported font encoding.
10  Valid choices are #2.
11  Please see documentation for details.
12 }
13 \msg_new:nnn { berenis } { unavailable }% what; substitute
14 {
15   berenis  :: #1: \msg_line_context: #1 unavailable.
16   #2 used instead.
17 }

```

\g__berenis_enc_tl

```

18 % \tl_new:N \g__berenis_enc_tl

```

Dubious choice of default encoding.

```

19 \tl_gset:Nx \g__berenis_enc_tl { \sys_if_engine_opentype:TF { TU } { LY1 }
  }

```

Define package keys.

```

20 \keys_define:nn { berenis }
21 {

```

enc (*opt*) Font encoding. Valid choices are T1, LY1 or TU. Lower or upper case input is accepted.

```

22   enc .choice:,
23   enc .choices:nn = { ly1, LY1, t1, T1, tu, TU }
24   {
25     \int_case:nn { \l_keys_choice_int }
26     {
27       { 1 } { \tl_gset:Nn \g__berenis_enc_tl { LY1 } }
28       { 2 } { \tl_gset:Nn \g__berenis_enc_tl { LY1 } }
29       { 3 } { \tl_gset:Nn \g__berenis_enc_tl { T1 } }
30       { 4 } { \tl_gset:Nn \g__berenis_enc_tl { T1 } }
31       { 5 } {
32         \sys_if_engine_opentype:T { \tl_gset:Nn \g__berenis_enc_tl { TU } }
33       }

```

¹⁴Obviously this is not a reason to load it, but an explanation of why I can assume these macros are available on older kernels.

```

34      { 6 } {
35        \sys_if_engine_opentype:T { \tl_gset:Nn \g__berenis_enc_tl { TU } }
36      }
37    }
38  },
39  enc / unknown .code:n = {

```

From expl3 docs: interfaces3.pdf p246

```

40    \msg_error:nneee { berenis } { unknown-choice }
41    { enc }
42    { ly1 , LY1 , t1, T1, tu, TU }
43    { \exp_not:n {#1} }
44  },

```

`lig` (*opt.*) Whether to enable additional ligatures by default. Only supported for LY1.

```

\g__berenis_lig_bool
45  lig .bool_gset:N = \g__berenis_lig_bool,
46  lig .default:n = true,
47  lig .initial:n = false,

```

`lf` (*opt.*) Lining figures by default (as opposed to oldstyle).

```

lining (opt.)
\g__berenis_osf_bool
48  lf .bool_gset_inverse:N = \g__berenis_osf_bool,
49  lf .default:n = true,
50  lining .bool_gset_inverse:N = \g__berenis_osf_bool,
51  lining .default:n = true,

```

`lm` (*opt.*) Whether to change the default sans family to Latin Modern since Computer Modern doesn't support LY1.

```

52  lm .bool_gset:N = \g__berenis_lm_bool,
53  lm .default:n = true,
54  lm .initial:n = true,

```

`osf` (*opt.*) Oldstyle (hanging) figures by default (as opposed to lining).

```

\g__berenis_osf_bool
55  osf .bool_gset:N = \g__berenis_osf_bool,
56  osf .default:n = true,
57  osf .initial:n = true,

```

`prop` (*opt.*) Proportional (as opposed to tabular) figures by default.

```

\g__berenis_prop_bool
58  prop .bool_gset:N = \g__berenis_prop_bool,
59  prop .default:n = true,
60  prop .initial:n = true,

```

`scale` (*opt.*) Factor to scale fonts by.

`\ybd@scale` This is empty by default, which is equivalent to 1, but more efficient.

```

61  scale .tl_gset:N = \ybd@scale,
62  scale .initial:V = \@empty,

```

tab (*opt.*) Tabular (as opposed to proportional) figures by default.

```
\g__berenis_prop_bool
63  tab .bool_gset_inverse:N = \g__berenis_prop_bool,
64  tab .default:n = true,
65 }

66 \ProcessKeyOptions[berenis]
```

This collection requires more complex option handling than can be managed simply by processing the options, since certain options require others and it is not necessarily clear which should take precedence. One option would be to simply let the last option rule the others, but that's not obviously the right thing to do. Moreover, we want to at least issue warnings if we're changing things at this point. So we assume a default option is less likely explicitly chosen and less likely to meet user expectations than a non-default one. (Theoretically, this could be tracked. *chronos* does that in *spades*. But the need for it is rather greater in that case.

```
67 \bool_if:NT \g__berenis_lig_bool
68 {
69   \tl_if_eq:NnT \g__berenis_enc_tl { T1 }
70   {
```

If *lig* is true and the encoding is *T1*, the user has explicitly set incompatible options. There's no way to hazard a guess here, so re-enable the default and hope for the best.

```
71   \PackageWarning { berenis } {
72     Setting font encoding to LY1 or TU to accommodate ligat
73   }
74   \tl_gset:Ne \g__berenis_enc_tl {
75     \sys_if_engine_opentype:TF { TU } { LY1 }
76   }
77 }
78 }

79 \tl_if_eq:NnT \g__berenis_enc_tl { LY1 }
80 {
81   \bool_if:NF \g__berenis_lm_bool
82   {
```

Again, *LY1* without Latin Modern is problematic because it means there's nothing setup for sans or typewriter unless the user does it. Still, no Latin Modern is an explicit request and the user may well want to do just that, so we don't change anything here, but only warn the unwary.

```
83   \PackageWarning{berenis.sty}
84   {
85     Default sf and tt families will not\MessageBreak
86     be changed to Latin Modern.\MessageBreak
87     Since Computer Modern does not support LY1,\MessageBreak
88     either use enc=t1 to use T1 or set \MessageBreak
89     suitable defaults for sans ('sf') and \MessageBreak
90     typewriter ('tt') yourself.\MessageBreak
91   }
92 }
93 }
```

Use a token list initialised with the bare Berry name. could I just use ybdzjdirectly here?
does it matter if it is a cs rather than a tl?

`\g__berenis_rm_tl` Token list to hold Berry name as we construct it.

```
94 \tl_new:N \g__berenis_rm_tl
95 \tl_new:N \g__berenis_rm_subst_tl
96 \tl_gset:Nn \g__berenis_rm_tl {ybd}
```

Implement requested options by adjusting default family name. Order is critical as we're matching on family names.

Add indicator for 'prop' or not.

```
97 \bool_if:NT \g__berenis_prop_bool
98 {
99   \tl_gput_right:Nn \g__berenis_rm_tl {2}
100 }
```

Add indicator for 'osf' or not.

```
101 \bool_if:NT \g__berenis_osf_bool
102 {
103   \tl_gput_right:Nn \g__berenis_rm_tl {j}
104 }
```

Save the non-swash result¹⁵

```
105 \tl_gset_eq:NN \g__berenis_rm_subst_tl \g__berenis_rm_tl
```

Add indicator for ligature/swash encoding as default

```
106 \bool_if:NT \g__berenis_lig_bool
107 {
108   \tl_gput_right:Nn \g__berenis_rm_tl {w}
109 }
```

`\rmdefault` Make BerenisADFP default roman font, using the assembled name to implement requested options e.g. ligature/swash encoding and lf/osf, prop/tab as applicable

```
110 \renewcommand{\rmdefault}{\g__berenis_rm_tl}
```

Load appropriate font encoding

```
111 \sys_if_engine_opentype:F {
112   \RequirePackage[\g__berenis_enc_tl]{fontenc}
113 }
```

`\g__berenis_enc_tl` Get proper tai bach for W, w, Y, y¹⁶. (Ideally would set further stuff but these are the most problematic.) The cost is some of the non-fancy non-standard ligatures and the boundary character in the non-swash variants.

¹⁵Easy because 'w'!

¹⁶T1's support for 'most' European languages leaves certain European languages with almost no support for accented characters at all. Two of the seven Welsh vowels have no support in T1. The following four declarations remedy the most serious issues: 'ŵ', 'ŵ', 'Ŷ' and 'ŷ' common in contemporary Welsh. I suspect other Celtic languages would need similar treatment ...

```

114 \tl_if_eq:NnT \g__berenis_enc_tl { LY1 }
115 {

116   \DeclareTextCompositeCommand{\^}{LY1}{W}{
117     \char9
118   }
119   \DeclareTextCompositeCommand{\^}{LY1}{w}{
120     \char3
121   }
122   \DeclareTextCompositeCommand{\^}{LY1}{Y}{
123     \char10
124   }
125   \DeclareTextCompositeCommand{\^}{LY1}{y}{
126     \char13
127   }
128 }
129 \IfFormatAtLeastTF {2020-02-02}{

```

To get the oldstyle numbers etc. used from TS1, we need to set the subset to 0 or 1. Unfortunately, this means characters missing from the fonts will not use default symbols as fallback, but this seems to be unavoidable.

```

130 \DeclareEncodingSubset{TS1}{ybd}{1}
131 \DeclareEncodingSubset{TS1}{ybd2}{1}
132 \DeclareEncodingSubset{TS1}{ybd2j}{1}
133 \DeclareEncodingSubset{TS1}{ybdj}{1}
134 \DeclareEncodingSubset{TS1}{ybd0}{1}
135 \DeclareEncodingSubset{TS1}{ybd1}{1}
136 \DeclareEncodingSubset{TS1}{ybdw}{1}
137 \DeclareEncodingSubset{TS1}{ybd2w}{1}
138 \DeclareEncodingSubset{TS1}{ybd2jw}{1}
139 \DeclareEncodingSubset{TS1}{ybdjw}{1}
140 }{
141 \RequirePackage{textcomp}
142 }
143 \sys_if_engine_opentype:F {
144   \UndeclareTextCommand{\textperthousand}{T1}

```

\sfdefault Load LM if requested. Don't use cfr-lm in case it isn't available.

```

\ttdefault
145 \bool_if:NT \g__berenis_lm_bool
146 {
147   \renewcommand{\sfdefault}{lmss}
148   \renewcommand{\ttdefault}{lmtt}
149 }

```

\zeroslash Based on definition of ß from afm2pl manual page

```

150 \cs_new_nopar:Npn \zeroslash
151 {
152   \tl_if_eq:NnTF \g__berenis_enc_tl { LY1 }
153   {
154     \setbox0\hbox{\char184}%
155     \setbox1\hbox{\char24}%
156     \ifnum\wd0=\wd1 \char48

```

```

157      \msg_warning:nnnn { berenis } { unavailable }
158      { slashed zero } { zero }
159      \else
160      \ifnum\wd0=0 \char48
161      \msg_warning:nnnn { berenis } { unavailable }
162      { slashed zero } { zero }
163      \else\char184
164      \fi
165      \fi
166    } {
167      \char48
168      \msg_warning:nnnn { berenis } { unavailable }
169      { slashed zero } { zero }
170    }
171  }
172 }

173 \ExplSyntaxOff

174 %% end berenis.sty

```

The remaining files are not used directly, but either are or are required to generate the files which allow $\TeX$ and $\LaTeX$ to use the fonts. The sources use `fontforge` and `GNU make` as explained in the (sparse) comments.

B.1 Font Definitions

These files define $\LaTeX$ $\mathcal{E}$ font families. There is no specific source for these files. They were created based on similar files produced by `fontinst`, but they were not directly generated¹⁷.

B.1.1 ly1ybd.fd

ly1ybd.fd (*/d*) Font definitions: family ly1ybd.

```

175 %Filename: ly1ybd.fd
176 %Based on a file created using fontinst v1.928
177
178 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
179
180 \ProvidesFile{ly1ybd.fd}
181 [0000/00/00 font definitions for LY1/ybd.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

182 \expandafter\ifx\csname ybd@scale\endcsname\relax
183 \let\ybd@scale\@empty
184 \else
185 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
186 \fi
187
188 \DeclareFontFamily{LY1}{ybd}{}
189

```

¹⁷I doubt I typed them. I suppose I used some combination of `sed`, `vim`, `gawk` etc.

```

190 \DeclareFontShape{LY1}{ybd}{m}{n}{
191   <-> \ybd@scale ybdr8y
192 }{}
193
194 \DeclareFontShape{LY1}{ybd}{m}{sc}{
195   <-> \ybd@scale ybdrc8y
196 }{}
197
198 \DeclareFontShape{LY1}{ybd}{m}{it}{
199   <-> \ybd@scale ybdri8y
200 }{}
201
202 \DeclareFontShape{LY1}{ybd}{m}{scit}{
203   <-> \ybd@scale ybdrci8y
204 }{}
205
206 \DeclareFontShape{LY1}{ybd}{b}{n}{
207   <-> \ybd@scale ybdb8y
208 }{}
209
210 \DeclareFontShape{LY1}{ybd}{b}{sc}{
211   <-> \ybd@scale ybdbc8y
212 }{}
213
214 \DeclareFontShape{LY1}{ybd}{b}{it}{
215   <-> \ybd@scale ybdbi8y
216 }{}
217
218 \DeclareFontShape{LY1}{ybd}{b}{scit}{
219   <-> \ybd@scale ybdbci8y
220 }{}
221
222 \DeclareFontShape{LY1}{ybd}{m}{sl}{<->ssub * ybd/m/it}{}
223 \DeclareFontShape{LY1}{ybd}{m}{si}{<->ssub * ybd/m/scit}{}
224 \DeclareFontShape{LY1}{ybd}{b}{sl}{<->ssub * ybd/b/it}{}
225 \DeclareFontShape{LY1}{ybd}{bx}{n}{<->ssub * ybd/b/n}{}
226 \DeclareFontShape{LY1}{ybd}{bx}{sc}{<->ssub * ybd/b/sc}{}
227 \DeclareFontShape{LY1}{ybd}{bx}{it}{<->ssub * ybd/b/it}{}
228 \DeclareFontShape{LY1}{ybd}{bx}{sl}{<->ssub * ybd/b/sl}{}
229 \DeclareFontShape{LY1}{ybd}{bx}{scit}{<->ssub * ybd/b/scit}{}
230 \DeclareFontShape{LY1}{ybd}{b}{si}{<->ssub * ybd/bx/scit}{}
231 \DeclareFontShape{LY1}{ybd}{bx}{si}{<->ssub * ybd/b/si}{}
232

```

B.1.2 ly1ybd0.fd

ly1ybd0.fd (*/d.*) Font definitions: family ly1ybd0.

```

233 %Filename: ly1ybd0.fd
234 %Based on a file created using fontinst v1.928
235
236 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
237
238 \ProvidesFile{ly1ybd0.fd}
239 [0000/00/00 font definitions for LY1/ybd0.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

240 \expandafter\ifx\csname ybd@scale\endcsname\relax
241 \let\ybd@scale\@empty
242 \else
243 \edef\ybd@scale{s*\csname ybd@scale\endcsname}%
244 \fi
245
246 \DeclareFontFamily{LY1}{ybd0}{}
247
248 \DeclareFontShape{LY1}{ybd0}{m}{n}{
249 <-> \ybd@scale ybdr08y
250 }{}
251
252 \DeclareFontShape{LY1}{ybd0}{m}{sc}{
253 <-> \ybd@scale ybdr0c8y
254 }{}
255
256 \DeclareFontShape{LY1}{ybd0}{m}{it}{
257 <-> \ybd@scale ybdr0i8y
258 }{}
259
260 \DeclareFontShape{LY1}{ybd0}{m}{scit}{
261 <-> \ybd@scale ybdr0ci8y
262 }{}
263
264 \DeclareFontShape{LY1}{ybd0}{b}{n}{
265 <-> \ybd@scale ybdb08y
266 }{}
267
268 \DeclareFontShape{LY1}{ybd0}{b}{sc}{
269 <-> \ybd@scale ybdb0c8y
270 }{}
271
272 \DeclareFontShape{LY1}{ybd0}{b}{it}{
273 <-> \ybd@scale ybdb0i8y
274 }{}
275
276 \DeclareFontShape{LY1}{ybd0}{b}{scit}{
277 <-> \ybd@scale ybdb0ci8y
278 }{}
279
280 \DeclareFontShape{LY1}{ybd0}{m}{sl}{<->ssub * ybd0/m/it}{}
281 \DeclareFontShape{LY1}{ybd0}{m}{si}{<->ssub * ybd0/m/scit}{}
282 \DeclareFontShape{LY1}{ybd0}{b}{sl}{<->ssub * ybd0/b/it}{}
283 \DeclareFontShape{LY1}{ybd0}{bx}{n}{<->ssub * ybd0/b/n}{}
284 \DeclareFontShape{LY1}{ybd0}{bx}{sc}{<->ssub * ybd0/b/sc}{}
285 \DeclareFontShape{LY1}{ybd0}{bx}{it}{<->ssub * ybd0/b/it}{}
286 \DeclareFontShape{LY1}{ybd0}{bx}{sl}{<->ssub * ybd0/b/sl}{}
287 \DeclareFontShape{LY1}{ybd0}{bx}{scit}{<->ssub * ybd0/b/scit}{}
288 \DeclareFontShape{LY1}{ybd0}{b}{si}{<->ssub * ybd0/bx/scit}{}
289 \DeclareFontShape{LY1}{ybd0}{bx}{si}{<->ssub * ybd0/b/si}{}
290

```

B.1.3 ly1ybd1.fd

ly1ybd1.fd (*fd*) Font definitions: family ly1ybd1.

```

291 %Filename: ly1ybd1.fd
292 %Based on a file created using fontinst v1.928
293
294 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
295
296 \ProvidesFile{ly1ybd1.fd}
297 [0000/00/00 font definitions for LY1/ybd1.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

298 \expandafter\ifx\csname ybd@scale\endcsname\relax
299 \let\ybd@scale\@empty
300 \else
301 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
302 \fi
303
304 \DeclareFontFamily{LY1}{ybd1}{}
305
306 \DeclareFontShape{LY1}{ybd1}{m}{n}{
307 <-> \ybd@scale ybdr18y
308 }{}
309
310 \DeclareFontShape{LY1}{ybd1}{m}{sc}{
311 <-> \ybd@scale ybdr1c8y
312 }{}
313
314 \DeclareFontShape{LY1}{ybd1}{m}{it}{
315 <-> \ybd@scale ybdr1i8y
316 }{}
317
318 \DeclareFontShape{LY1}{ybd1}{m}{scit}{
319 <-> \ybd@scale ybdr1ci8y
320 }{}
321
322 \DeclareFontShape{LY1}{ybd1}{b}{n}{
323 <-> \ybd@scale ybdb18y
324 }{}
325
326 \DeclareFontShape{LY1}{ybd1}{b}{sc}{
327 <-> \ybd@scale ybdb1c8y
328 }{}
329
330 \DeclareFontShape{LY1}{ybd1}{b}{it}{
331 <-> \ybd@scale ybdb1i8y
332 }{}
333
334 \DeclareFontShape{LY1}{ybd1}{b}{scit}{
335 <-> \ybd@scale ybdb1ci8y
336 }{}
337
338 \DeclareFontShape{LY1}{ybd1}{m}{sl}{<->ssub * ybd1/m/it}{}
339 \DeclareFontShape{LY1}{ybd1}{m}{si}{<->ssub * ybd1/m/scit}{}
340 \DeclareFontShape{LY1}{ybd1}{b}{sl}{<->ssub * ybd1/b/it}{}

```

```

341 \DeclareFontShape{LY1}{ybd1}{bx}{n}{<->ssub * ybd1/b/n}{}
342 \DeclareFontShape{LY1}{ybd1}{bx}{sc}{<->ssub * ybd1/b/sc}{}
343 \DeclareFontShape{LY1}{ybd1}{bx}{it}{<->ssub * ybd1/b/it}{}
344 \DeclareFontShape{LY1}{ybd1}{bx}{sl}{<->ssub * ybd1/b/sl}{}
345 \DeclareFontShape{LY1}{ybd1}{bx}{scit}{<->ssub * ybd1/b/scit}{}
346 \DeclareFontShape{LY1}{ybd1}{b}{si}{<->ssub * ybd1/bx/scit}{}
347 \DeclareFontShape{LY1}{ybd1}{bx}{si}{<->ssub * ybd1/b/si}{}
348

```

B.1.4 ly1ybd2.fd

ly1ybd2.fd (/d) Font definitions: family ly1ybd2.

```

349 %Filename: ly1ybd2.fd
350 %Based on a file created using fontinst v1.928
351
352 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
353
354 \ProvidesFile{ly1ybd2.fd}
355 [0000/00/00 font definitions for LY1/ybd2.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

356 \expandafter\ifx\csname ybd@scale\endcsname\relax
357 \let\ybd@@scale\@empty
358 \else
359 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
360 \fi
361
362 \DeclareFontFamily{LY1}{ybd2}{}
363
364 \DeclareFontShape{LY1}{ybd2}{m}{n}{
365 <-> \ybd@@scale ybdr28y
366 }{}
367
368 \DeclareFontShape{LY1}{ybd2}{m}{sc}{
369 <-> \ybd@@scale ybdr2c8y
370 }{}
371
372 \DeclareFontShape{LY1}{ybd2}{m}{it}{
373 <-> \ybd@@scale ybdr2i8y
374 }{}
375
376 \DeclareFontShape{LY1}{ybd2}{m}{scit}{
377 <-> \ybd@@scale ybdr2ci8y
378 }{}
379
380 \DeclareFontShape{LY1}{ybd2}{b}{n}{
381 <-> \ybd@@scale ybdb28y
382 }{}
383
384 \DeclareFontShape{LY1}{ybd2}{b}{sc}{
385 <-> \ybd@@scale ybdb2c8y
386 }{}
387
388 \DeclareFontShape{LY1}{ybd2}{b}{it}{

```

```

389 <-> \ybd@@scale ybdb2i8y
390 }{}
391
392 \DeclareFontShape{LY1}{ybd2}{b}{scit}{
393 <-> \ybd@@scale ybdb2ci8y
394 }{}
395
396 \DeclareFontShape{LY1}{ybd2}{m}{sl}{<->ssub * ybd2/m/it}{}
397 \DeclareFontShape{LY1}{ybd2}{m}{si}{<->ssub * ybd2/m/scit}{}
398 \DeclareFontShape{LY1}{ybd2}{b}{sl}{<->ssub * ybd2/b/it}{}
399 \DeclareFontShape{LY1}{ybd2}{bx}{n}{<->ssub * ybd2/b/n}{}
400 \DeclareFontShape{LY1}{ybd2}{bx}{sc}{<->ssub * ybd2/b/sc}{}
401 \DeclareFontShape{LY1}{ybd2}{bx}{it}{<->ssub * ybd2/b/it}{}
402 \DeclareFontShape{LY1}{ybd2}{bx}{sl}{<->ssub * ybd2/b/sl}{}
403 \DeclareFontShape{LY1}{ybd2}{bx}{scit}{<->ssub * ybd2/b/scit}{}
404 \DeclareFontShape{LY1}{ybd2}{b}{si}{<->ssub * ybd2/bx/scit}{}
405 \DeclareFontShape{LY1}{ybd2}{bx}{si}{<->ssub * ybd2/b/si}{}
406

```

B.1.5 ly1ybd2j.fd

ly1ybd2j.fd (/d) Font definitions: family ly1ybd2j.

```

407 %Filename: ly1ybd2j.fd
408 %Based on a file created using fontinst v1.928
409
410 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
411
412 \ProvidesFile{ly1ybd2j.fd}
413 [0000/00/00 font definitions for LY1/ybd2j.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

414 \expandafter\ifx\csname ybd@scale\endcsname\relax
415 \let\ybd@@scale\@empty
416 \else
417 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
418 \fi
419
420 \DeclareFontFamily{LY1}{ybd2j}{}
421
422 \DeclareFontShape{LY1}{ybd2j}{m}{n}{
423 <-> \ybd@@scale ybdr2j8y
424 }{}
425
426 \DeclareFontShape{LY1}{ybd2j}{m}{sc}{
427 <-> \ybd@@scale ybdr2cj8y
428 }{}
429
430 \DeclareFontShape{LY1}{ybd2j}{m}{it}{
431 <-> \ybd@@scale ybdr2ij8y
432 }{}
433
434 \DeclareFontShape{LY1}{ybd2j}{m}{scit}{
435 <-> \ybd@@scale ybdr2cij8y
436 }{}

```

```

437
438 \DeclareFontShape{LY1}{ybd2j}{b}{n}{
439   <-> \ybd@scale ybdb2j8y
440 }{}
441
442 \DeclareFontShape{LY1}{ybd2j}{b}{sc}{
443   <-> \ybd@scale ybdb2cj8y
444 }{}
445
446 \DeclareFontShape{LY1}{ybd2j}{b}{it}{
447   <-> \ybd@scale ybdb2ij8y
448 }{}
449
450 \DeclareFontShape{LY1}{ybd2j}{b}{scit}{
451   <-> \ybd@scale ybdb2cij8y
452 }{}
453
454 \DeclareFontShape{LY1}{ybd2j}{m}{sl}{<->ssub * ybd2j/m/it}{}
455 \DeclareFontShape{LY1}{ybd2j}{m}{si}{<->ssub * ybd2j/m/scit}{}
456 \DeclareFontShape{LY1}{ybd2j}{b}{sl}{<->ssub * ybd2j/b/it}{}
457 \DeclareFontShape{LY1}{ybd2j}{bx}{n}{<->ssub * ybd2j/b/n}{}
458 \DeclareFontShape{LY1}{ybd2j}{bx}{sc}{<->ssub * ybd2j/b/sc}{}
459 \DeclareFontShape{LY1}{ybd2j}{bx}{it}{<->ssub * ybd2j/b/it}{}
460 \DeclareFontShape{LY1}{ybd2j}{bx}{sl}{<->ssub * ybd2j/b/sl}{}
461 \DeclareFontShape{LY1}{ybd2j}{bx}{scit}{<->ssub * ybd2j/b/scit}{}
462 \DeclareFontShape{LY1}{ybd2j}{b}{si}{<->ssub * ybd2j/bx/scit}{}
463 \DeclareFontShape{LY1}{ybd2j}{bx}{si}{<->ssub * ybd2j/b/si}{}
464

```

B.1.6 ly1ybd2jw.fd

ly1ybd2jw.fd (/d) Font definitions: family ly1ybd2jw.

```

465 %Filename: ly1ybd2jw.fd
466 %Based on a file created using fontinst v1.928
467
468 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
469
470 \ProvidesFile{ly1ybd2jw.fd}
471   [0000/00/00 font definitions for LY1/ybd2jw.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

472 \expandafter\ifx\csname ybd@scale\endcsname\relax
473   \let\ybd@scale\empty
474 \else
475   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
476 \fi
477
478 \DeclareFontFamily{LY1}{ybd2jw}{}
479
480 \DeclareFontShape{LY1}{ybd2jw}{m}{n}{
481   <-> \ybd@scale ybdr2jw8y
482 }{}
483
484 \DeclareFontShape{LY1}{ybd2jw}{m}{sc}{

```

```

485 <-> \ybd@scale ybdr2cjw8y
486 }{}
487
488 \DeclareFontShape{LY1}{ybd2jw}{m}{it}{
489 <-> \ybd@scale ybdr2ijw8y
490 }{}
491
492 \DeclareFontShape{LY1}{ybd2jw}{m}{scit}{
493 <-> \ybd@scale ybdr2cijw8y
494 }{}
495
496 \DeclareFontShape{LY1}{ybd2jw}{b}{n}{
497 <-> \ybd@scale ybdb2jw8y
498 }{}
499
500 \DeclareFontShape{LY1}{ybd2jw}{b}{sc}{
501 <-> \ybd@scale ybdb2cjw8y
502 }{}
503
504 \DeclareFontShape{LY1}{ybd2jw}{b}{it}{
505 <-> \ybd@scale ybdb2ijw8y
506 }{}
507
508 \DeclareFontShape{LY1}{ybd2jw}{b}{scit}{
509 <-> \ybd@scale ybdb2cijw8y
510 }{}
511
512 \DeclareFontShape{LY1}{ybd2jw}{m}{sl}{<->ssub * ybd2jw/m/it}{}
513 \DeclareFontShape{LY1}{ybd2jw}{m}{si}{<->ssub * ybd2jw/m/scit}{}
514 \DeclareFontShape{LY1}{ybd2jw}{b}{sl}{<->ssub * ybd2jw/b/it}{}
515 \DeclareFontShape{LY1}{ybd2jw}{bx}{n}{<->ssub * ybd2jw/b/n}{}
516 \DeclareFontShape{LY1}{ybd2jw}{bx}{sc}{<->ssub * ybd2jw/b/sc}{}
517 \DeclareFontShape{LY1}{ybd2jw}{bx}{it}{<->ssub * ybd2jw/b/it}{}
518 \DeclareFontShape{LY1}{ybd2jw}{bx}{sl}{<->ssub * ybd2jw/b/sl}{}
519 \DeclareFontShape{LY1}{ybd2jw}{bx}{scit}{<->ssub * ybd2jw/b/scit}{}
520 \DeclareFontShape{LY1}{ybd2jw}{b}{si}{<->ssub * ybd2jw/bx/scit}{}
521 \DeclareFontShape{LY1}{ybd2jw}{bx}{si}{<->ssub * ybd2jw/b/si}{}
522

```

B.1.7 ly1ybd2w.fd

ly1ybd2w.fd (*fd*) Font definitions: family ly1ybd2w.

```

523 %Filename: ly1ybd2w.fd
524 %Based on a file created using fontinst v1.928
525
526 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
527
528 \ProvidesFile{ly1ybd2w.fd}
529 [0000/00/00 font definitions for LY1/ybd2w.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

530 \expandafter\ifx\csname ybd@scale\endcsname\relax
531 \let\ybd@scale\@empty
532 \else

```

```

533 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
534 \fi
535
536 \DeclareFontFamily{LY1}{ybd2w}{}
537
538 \DeclareFontShape{LY1}{ybd2w}{m}{n}{
539 <-> \ybd@@scale ybdr2w8y
540 }{}
541
542 \DeclareFontShape{LY1}{ybd2w}{m}{sc}{
543 <-> \ybd@@scale ybdr2cw8y
544 }{}
545
546 \DeclareFontShape{LY1}{ybd2w}{m}{it}{
547 <-> \ybd@@scale ybdr2iw8y
548 }{}
549
550 \DeclareFontShape{LY1}{ybd2w}{m}{scit}{
551 <-> \ybd@@scale ybdr2ciw8y
552 }{}
553
554 \DeclareFontShape{LY1}{ybd2w}{b}{n}{
555 <-> \ybd@@scale ybdb2w8y
556 }{}
557
558 \DeclareFontShape{LY1}{ybd2w}{b}{sc}{
559 <-> \ybd@@scale ybdb2cw8y
560 }{}
561
562 \DeclareFontShape{LY1}{ybd2w}{b}{it}{
563 <-> \ybd@@scale ybdb2iw8y
564 }{}
565
566 \DeclareFontShape{LY1}{ybd2w}{b}{scit}{
567 <-> \ybd@@scale ybdb2ciw8y
568 }{}
569
570 \DeclareFontShape{LY1}{ybd2w}{m}{sl}{<->ssub * ybd2w/m/it}{}
571 \DeclareFontShape{LY1}{ybd2w}{m}{si}{<->ssub * ybd2w/m/scit}{}
572 \DeclareFontShape{LY1}{ybd2w}{b}{sl}{<->ssub * ybd2w/b/it}{}
573 \DeclareFontShape{LY1}{ybd2w}{b}{n}{<->ssub * ybd2w/b/n}{}
574 \DeclareFontShape{LY1}{ybd2w}{b}{sc}{<->ssub * ybd2w/b/sc}{}
575 \DeclareFontShape{LY1}{ybd2w}{b}{it}{<->ssub * ybd2w/b/it}{}
576 \DeclareFontShape{LY1}{ybd2w}{b}{sl}{<->ssub * ybd2w/b/sl}{}
577 \DeclareFontShape{LY1}{ybd2w}{b}{scit}{<->ssub * ybd2w/b/scit}{}
578 \DeclareFontShape{LY1}{ybd2w}{b}{si}{<->ssub * ybd2w/bx/scit}{}
579 \DeclareFontShape{LY1}{ybd2w}{b}{si}{<->ssub * ybd2w/b/si}{}
580

```

B.1.8 ly1ybdj.fd

ly1ybdj.fd (*/d*) Font definitions: family ly1ybdj.

```

581 %Filename: ly1ybdj.fd
582 %Based on a file created using fontinst v1.928

```

```

583
584 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
585
586 \ProvidesFile{lylybdj.fd}
587 [0000/00/00 font definitions for LY1/ybdj.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

588 \expandafter\ifx\csname ybd@scale\endcsname\relax
589 \let\ybd@scale\@empty
590 \else
591 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
592 \fi
593
594 \DeclareFontFamily{LY1}{ybdj}{}
595
596 \DeclareFontShape{LY1}{ybdj}{m}{n}{
597 <-> \ybd@scale ybdrj8y
598 }{}
599
600 \DeclareFontShape{LY1}{ybdj}{m}{sc}{
601 <-> \ybd@scale ybdrj8y
602 }{}
603
604 \DeclareFontShape{LY1}{ybdj}{m}{it}{
605 <-> \ybd@scale ybdrij8y
606 }{}
607
608 \DeclareFontShape{LY1}{ybdj}{m}{scit}{
609 <-> \ybd@scale ybdrj8y
610 }{}
611
612 \DeclareFontShape{LY1}{ybdj}{b}{n}{
613 <-> \ybd@scale ybdbj8y
614 }{}
615
616 \DeclareFontShape{LY1}{ybdj}{b}{sc}{
617 <-> \ybd@scale ydbbcj8y
618 }{}
619
620 \DeclareFontShape{LY1}{ybdj}{b}{it}{
621 <-> \ybd@scale ybdbij8y
622 }{}
623
624 \DeclareFontShape{LY1}{ybdj}{b}{scit}{
625 <-> \ybd@scale ydbbcij8y
626 }{}
627
628 \DeclareFontShape{LY1}{ybdj}{m}{sl}{<->ssub * ybdj/m/it}{}
629 \DeclareFontShape{LY1}{ybdj}{m}{si}{<->ssub * ybdj/m/scit}{}
630 \DeclareFontShape{LY1}{ybdj}{b}{sl}{<->ssub * ybdj/b/it}{}
631 \DeclareFontShape{LY1}{ybdj}{bx}{n}{<->ssub * ybdj/b/n}{}
632 \DeclareFontShape{LY1}{ybdj}{bx}{sc}{<->ssub * ybdj/b/sc}{}
633 \DeclareFontShape{LY1}{ybdj}{bx}{it}{<->ssub * ybdj/b/it}{}
634 \DeclareFontShape{LY1}{ybdj}{bx}{sl}{<->ssub * ybdj/b/sl}{}
635 \DeclareFontShape{LY1}{ybdj}{bx}{scit}{<->ssub * ybdj/b/scit}{}

```

```

636 \DeclareFontShape{LY1}{ybdj}{b}{si}{<->ssub * ybdj/bx/scit}{}
637 \DeclareFontShape{LY1}{ybdj}{bx}{si}{<->ssub * ybdj/b/si}{}
638

```

B.1.9 ly1ybdjw.fd

ly1ybdjw.fd (fd) Font definitions: family ly1ybdjw.

```

639 %Filename: ly1ybdjw.fd
640 %Based on a file created using fontinst v1.928
641
642 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
643
644 \ProvidesFile{ly1ybdjw.fd}
645 [0000/00/00 font definitions for LY1/ybdjw.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

646 \expandafter\ifx\csname ybd@scale\endcsname\relax
647 \let\ybd@scale\@empty
648 \else
649 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
650 \fi
651
652 \DeclareFontFamily{LY1}{ybdjw}{}
653
654 \DeclareFontShape{LY1}{ybdjw}{m}{n}{
655 <-> \ybd@scale ybdrjw8y
656 }{}
657
658 \DeclareFontShape{LY1}{ybdjw}{m}{sc}{
659 <-> \ybd@scale ybdrcljw8y
660 }{}
661
662 \DeclareFontShape{LY1}{ybdjw}{m}{it}{
663 <-> \ybd@scale ybdrijw8y
664 }{}
665
666 \DeclareFontShape{LY1}{ybdjw}{m}{scit}{
667 <-> \ybd@scale ybdrcljw8y
668 }{}
669
670 \DeclareFontShape{LY1}{ybdjw}{b}{n}{
671 <-> \ybd@scale ybdbjw8y
672 }{}
673
674 \DeclareFontShape{LY1}{ybdjw}{b}{sc}{
675 <-> \ybd@scale ybdbcljw8y
676 }{}
677
678 \DeclareFontShape{LY1}{ybdjw}{b}{it}{
679 <-> \ybd@scale ybdbijw8y
680 }{}
681
682 \DeclareFontShape{LY1}{ybdjw}{b}{scit}{
683 <-> \ybd@scale ybdbcljw8y

```

```

684 }{}
685
686 \DeclareFontShape{LY1}{ybdjw}{m}{sl}{<->ssub * ybdjw/m/it}{}
687 \DeclareFontShape{LY1}{ybdjw}{m}{si}{<->ssub * ybdjw/m/scit}{}
688 \DeclareFontShape{LY1}{ybdjw}{b}{sl}{<->ssub * ybdjw/b/it}{}
689 \DeclareFontShape{LY1}{ybdjw}{bx}{n}{<->ssub * ybdjw/b/n}{}
690 \DeclareFontShape{LY1}{ybdjw}{bx}{sc}{<->ssub * ybdjw/b/sc}{}
691 \DeclareFontShape{LY1}{ybdjw}{bx}{it}{<->ssub * ybdjw/b/it}{}
692 \DeclareFontShape{LY1}{ybdjw}{bx}{sl}{<->ssub * ybdjw/b/sl}{}
693 \DeclareFontShape{LY1}{ybdjw}{bx}{scit}{<->ssub * ybdjw/b/scit}{}
694 \DeclareFontShape{LY1}{ybdjw}{b}{si}{<->ssub * ybdjw/bx/scit}{}
695 \DeclareFontShape{LY1}{ybdjw}{bx}{si}{<->ssub * ybdjw/b/si}{}
696

```

B.1.10 ly1ybdw.fd

ly1ybdw.fd (/d) Font definitions: family ly1ybdw.

```

697 %Filename: ly1ybdw.fd
698 %Based on a file created using fontinst v1.928
699
700 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
701
702 \ProvidesFile{ly1ybdw.fd}
703 [0000/00/00 font definitions for LY1/ybdw.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

704 \expandafter\ifx\csname ybd@scale\endcsname\relax
705 \let\ybd@scale\@empty
706 \else
707 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
708 \fi
709
710 \DeclareFontFamily{LY1}{ybdw}{}
711
712 \DeclareFontShape{LY1}{ybdw}{m}{n}{
713 <-> \ybd@scale ybdrw8y
714 }{}
715
716 \DeclareFontShape{LY1}{ybdw}{m}{sc}{
717 <-> \ybd@scale ybdrw8y
718 }{}
719
720 \DeclareFontShape{LY1}{ybdw}{m}{it}{
721 <-> \ybd@scale ybdriw8y
722 }{}
723
724 \DeclareFontShape{LY1}{ybdw}{m}{scit}{
725 <-> \ybd@scale ybdrciw8y
726 }{}
727
728 \DeclareFontShape{LY1}{ybdw}{b}{n}{
729 <-> \ybd@scale ybdbw8y
730 }{}
731

```

```

732 \DeclareFontShape{LY1}{ybdw}{b}{sc}{
733   <-> \ybd@scale ydbbcw8y
734 }{}
735
736 \DeclareFontShape{LY1}{ybdw}{b}{it}{
737   <-> \ybd@scale ydbbiw8y
738 }{}
739
740 \DeclareFontShape{LY1}{ybdw}{b}{scit}{
741   <-> \ybd@scale ydbbciw8y
742 }{}
743
744 \DeclareFontShape{LY1}{ybdw}{m}{sl}{<->ssub * ybdw/m/it}{}
745 \DeclareFontShape{LY1}{ybdw}{m}{si}{<->ssub * ybdw/m/scit}{}
746 \DeclareFontShape{LY1}{ybdw}{b}{sl}{<->ssub * ybdw/b/it}{}
747 \DeclareFontShape{LY1}{ybdw}{bx}{n}{<->ssub * ybdw/b/n}{}
748 \DeclareFontShape{LY1}{ybdw}{bx}{sc}{<->ssub * ybdw/b/sc}{}
749 \DeclareFontShape{LY1}{ybdw}{bx}{it}{<->ssub * ybdw/b/it}{}
750 \DeclareFontShape{LY1}{ybdw}{bx}{sl}{<->ssub * ybdw/b/sl}{}
751 \DeclareFontShape{LY1}{ybdw}{bx}{scit}{<->ssub * ybdw/b/scit}{}
752 \DeclareFontShape{LY1}{ybdw}{b}{si}{<->ssub * ybdw/bx/scit}{}
753 \DeclareFontShape{LY1}{ybdw}{bx}{si}{<->ssub * ybdw/b/si}{}
754

```

B.1.11 t1ybd.fd

t1ybd.fd (*/d*) Font definitions: family t1ybd.

```

755 %Filename: t1ybd.fd
756 %Based on a file created using fontinst v1.928
757
758 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
759
760 \ProvidesFile{t1ybd.fd}
761   [0000/00/00 font definitions for T1/ybd.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

762 \expandafter\ifx\csname ybd@scale\endcsname\relax
763   \let\ybd@scale\empty
764 \else
765   \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
766   \fi
767
768 \DeclareFontFamily{T1}{ybd}{}
769
770 \DeclareFontShape{T1}{ybd}{m}{n}{
771   <-> \ybd@scale ybdr8t
772 }{}
773
774 \DeclareFontShape{T1}{ybd}{m}{sc}{
775   <-> \ybd@scale ybdrc8t
776 }{}
777
778 \DeclareFontShape{T1}{ybd}{m}{it}{
779   <-> \ybd@scale ybdri8t

```

```

780 }{}
781
782 \DeclareFontShape{T1}{ybd}{m}{scit}{
783     <-> \ybd@scale ybdrct8t
784 }{}
785
786 \DeclareFontShape{T1}{ybd}{b}{n}{
787     <-> \ybd@scale ybdb8t
788 }{}
789
790 \DeclareFontShape{T1}{ybd}{b}{sc}{
791     <-> \ybd@scale ybdbct8t
792 }{}
793
794 \DeclareFontShape{T1}{ybd}{b}{it}{
795     <-> \ybd@scale ybdbi8t
796 }{}
797
798 \DeclareFontShape{T1}{ybd}{b}{scit}{
799     <-> \ybd@scale ybdbci8t
800 }{}
801
802 \DeclareFontShape{T1}{ybd}{m}{sl}{<->ssub * ybd/m/it}{}
803 \DeclareFontShape{T1}{ybd}{m}{si}{<->ssub * ybd/m/scit}{}
804 \DeclareFontShape{T1}{ybd}{b}{sl}{<->ssub * ybd/b/it}{}
805 \DeclareFontShape{T1}{ybd}{b}{n}{<->ssub * ybd/b/n}{}
806 \DeclareFontShape{T1}{ybd}{b}{sc}{<->ssub * ybd/b/sc}{}
807 \DeclareFontShape{T1}{ybd}{b}{it}{<->ssub * ybd/b/it}{}
808 \DeclareFontShape{T1}{ybd}{b}{sl}{<->ssub * ybd/b/sl}{}
809 \DeclareFontShape{T1}{ybd}{b}{scit}{<->ssub * ybd/b/scit}{}
810 \DeclareFontShape{T1}{ybd}{b}{si}{<->ssub * ybd/bx/scit}{}
811 \DeclareFontShape{T1}{ybd}{b}{si}{<->ssub * ybd/b/si}{}
812

```

B.1.12 t1ybd0.fd

t1ybd0.fd (*/d*) Font definitions: family t1ybd0.

```

813 %Filename: t1ybd0.fd
814 %Based on a file created using fontinst v1.928
815
816 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
817
818 \ProvidesFile{t1ybd0.fd}
819     [0000/00/00 font definitions for T1/ybd0.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

820 \expandafter\ifx\csname ybd@scale\endcsname\relax
821     \let\ybd@scale\@empty
822 \else
823     \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
824 \fi
825
826 \DeclareFontFamily{T1}{ybd0}{}
827

```

```

828 \DeclareFontShape{T1}{ybd0}{m}{n}{
829     <-> \ybd@scale ybdr08t
830 }{}
831
832 \DeclareFontShape{T1}{ybd0}{m}{sc}{
833     <-> \ybd@scale ybdr0c8t
834 }{}
835
836 \DeclareFontShape{T1}{ybd0}{m}{it}{
837     <-> \ybd@scale ybdr0i8t
838 }{}
839
840 \DeclareFontShape{T1}{ybd0}{m}{scit}{
841     <-> \ybd@scale ybdr0ci8t
842 }{}
843
844 \DeclareFontShape{T1}{ybd0}{b}{n}{
845     <-> \ybd@scale ybdb08t
846 }{}
847
848 \DeclareFontShape{T1}{ybd0}{b}{sc}{
849     <-> \ybd@scale ybdb0c8t
850 }{}
851
852 \DeclareFontShape{T1}{ybd0}{b}{it}{
853     <-> \ybd@scale ybdb0i8t
854 }{}
855
856 \DeclareFontShape{T1}{ybd0}{b}{scit}{
857     <-> \ybd@scale ybdb0ci8t
858 }{}
859
860 \DeclareFontShape{T1}{ybd0}{m}{sl}{<->ssub * ybd0/m/it}{}
861 \DeclareFontShape{T1}{ybd0}{m}{si}{<->ssub * ybd0/m/scit}{}
862 \DeclareFontShape{T1}{ybd0}{b}{sl}{<->ssub * ybd0/b/it}{}
863 \DeclareFontShape{T1}{ybd0}{b}{n}{<->ssub * ybd0/b/n}{}
864 \DeclareFontShape{T1}{ybd0}{b}{sc}{<->ssub * ybd0/b/sc}{}
865 \DeclareFontShape{T1}{ybd0}{b}{it}{<->ssub * ybd0/b/it}{}
866 \DeclareFontShape{T1}{ybd0}{b}{sl}{<->ssub * ybd0/b/sl}{}
867 \DeclareFontShape{T1}{ybd0}{b}{scit}{<->ssub * ybd0/b/scit}{}
868 \DeclareFontShape{T1}{ybd0}{b}{si}{<->ssub * ybd0/bx/scit}{}
869 \DeclareFontShape{T1}{ybd0}{b}{si}{<->ssub * ybd0/b/si}{}
870

```

B.1.13 tlybd1.fd

tlybd1.fd (*/d.*) Font definitions: family tlybd1.

```

871 %Filename: tlybd1.fd
872 %Based on a file created using fontinst v1.928
873
874 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
875
876 \ProvidesFile{tlybd1.fd}
877 [0000/00/00 font definitions for T1/ybd1.]

```

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

```

878 \expandafter\ifx\csname ybd@scale\endcsname\relax
879 \let\ybd@@scale\@empty
880 \else
881 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
882 \fi
883
884 \DeclareFontFamily{T1}{ybd1}{}
885
886 \DeclareFontShape{T1}{ybd1}{m}{n}{
887 <-> \ybd@@scale ybdr18t
888 }{}
889
890 \DeclareFontShape{T1}{ybd1}{m}{sc}{
891 <-> \ybd@@scale ybdr1c8t
892 }{}
893
894 \DeclareFontShape{T1}{ybd1}{m}{it}{
895 <-> \ybd@@scale ybdr1i8t
896 }{}
897
898 \DeclareFontShape{T1}{ybd1}{m}{scit}{
899 <-> \ybd@@scale ybdr1ci8t
900 }{}
901
902 \DeclareFontShape{T1}{ybd1}{b}{n}{
903 <-> \ybd@@scale ybdb18t
904 }{}
905
906 \DeclareFontShape{T1}{ybd1}{b}{sc}{
907 <-> \ybd@@scale ybdb1c8t
908 }{}
909
910 \DeclareFontShape{T1}{ybd1}{b}{it}{
911 <-> \ybd@@scale ybdb1i8t
912 }{}
913
914 \DeclareFontShape{T1}{ybd1}{b}{scit}{
915 <-> \ybd@@scale ybdb1ci8t
916 }{}
917
918 \DeclareFontShape{T1}{ybd1}{m}{sl}{<->ssub * ybd1/m/it}{}
919 \DeclareFontShape{T1}{ybd1}{m}{si}{<->ssub * ybd1/m/scit}{}
920 \DeclareFontShape{T1}{ybd1}{b}{sl}{<->ssub * ybd1/b/it}{}
921 \DeclareFontShape{T1}{ybd1}{b}{sx}{<->ssub * ybd1/b/n}{}
922 \DeclareFontShape{T1}{ybd1}{b}{sc}{<->ssub * ybd1/b/sc}{}
923 \DeclareFontShape{T1}{ybd1}{b}{it}{<->ssub * ybd1/b/it}{}
924 \DeclareFontShape{T1}{ybd1}{b}{sl}{<->ssub * ybd1/b/sl}{}
925 \DeclareFontShape{T1}{ybd1}{b}{scit}{<->ssub * ybd1/b/scit}{}
926 \DeclareFontShape{T1}{ybd1}{b}{si}{<->ssub * ybd1/b/scit}{}
927 \DeclareFontShape{T1}{ybd1}{b}{sx}{<->ssub * ybd1/b/si}{}
928

```

B.1.14 t1ybd2.fd

t1ybd2.fd (*fd*) Font definitions: family t1ybd2.

```

929 %Filename: t1ybd2.fd
930 %Based on a file created using fontinst v1.928
931
932 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
933
934 \ProvidesFile{t1ybd2.fd}
935 [0000/00/00 font definitions for T1/ybd2.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

936 \expandafter\ifx\csname ybd@scale\endcsname\relax
937 \let\ybd@scale\@empty
938 \else
939 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
940 \fi
941
942 \DeclareFontFamily{T1}{ybd2}{}
943
944 \DeclareFontShape{T1}{ybd2}{m}{n}{
945 <-> \ybd@scale ybdr28t
946 }{}
947
948 \DeclareFontShape{T1}{ybd2}{m}{sc}{
949 <-> \ybd@scale ybdr2c8t
950 }{}
951
952 \DeclareFontShape{T1}{ybd2}{m}{it}{
953 <-> \ybd@scale ybdr2i8t
954 }{}
955
956 \DeclareFontShape{T1}{ybd2}{m}{scit}{
957 <-> \ybd@scale ybdr2ci8t
958 }{}
959
960 \DeclareFontShape{T1}{ybd2}{b}{n}{
961 <-> \ybd@scale ybdb28t
962 }{}
963
964 \DeclareFontShape{T1}{ybd2}{b}{sc}{
965 <-> \ybd@scale ybdb2c8t
966 }{}
967
968 \DeclareFontShape{T1}{ybd2}{b}{it}{
969 <-> \ybd@scale ybdb2i8t
970 }{}
971
972 \DeclareFontShape{T1}{ybd2}{b}{scit}{
973 <-> \ybd@scale ybdb2ci8t
974 }{}
975
976 \DeclareFontShape{T1}{ybd2}{m}{sl}{<->ssub * ybd2/m/it}{}
977 \DeclareFontShape{T1}{ybd2}{m}{si}{<->ssub * ybd2/m/scit}{}
978 \DeclareFontShape{T1}{ybd2}{b}{sl}{<->ssub * ybd2/b/it}{}

```

```

979 \DeclareFontShape{T1}{ybd2}{bx}{n}{<->ssub * ybd2/b/n}{}
980 \DeclareFontShape{T1}{ybd2}{bx}{sc}{<->ssub * ybd2/b/sc}{}
981 \DeclareFontShape{T1}{ybd2}{bx}{it}{<->ssub * ybd2/b/it}{}
982 \DeclareFontShape{T1}{ybd2}{bx}{sl}{<->ssub * ybd2/b/sl}{}
983 \DeclareFontShape{T1}{ybd2}{bx}{scit}{<->ssub * ybd2/b/scit}{}
984 \DeclareFontShape{T1}{ybd2}{b}{si}{<->ssub * ybd2/bx/scit}{}
985 \DeclareFontShape{T1}{ybd2}{bx}{si}{<->ssub * ybd2/b/si}{}
986

```

B.1.15 t1ybd2j.fd

t1ybd2j.fd (/d) Font definitions: family t1ybd2j.

```

987 %Filename: t1ybd2j.fd
988 %Based on a file created using fontinst v1.928
989
990 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
991
992 \ProvidesFile{t1ybd2j.fd}
993 [0000/00/00 font definitions for T1/ybd2j.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

994 \expandafter\ifx\csname ybd@scale\endcsname\relax
995 \let\ybd@scale\@empty
996 \else
997 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
998 \fi
999
1000 \DeclareFontFamily{T1}{ybd2j}{}
1001
1002 \DeclareFontShape{T1}{ybd2j}{m}{n}{
1003 <-> \ybd@scale ybdr2j8t
1004 }{}
1005
1006 \DeclareFontShape{T1}{ybd2j}{m}{sc}{
1007 <-> \ybd@scale ybdr2cj8t
1008 }{}
1009
1010 \DeclareFontShape{T1}{ybd2j}{m}{it}{
1011 <-> \ybd@scale ybdr2ij8t
1012 }{}
1013
1014 \DeclareFontShape{T1}{ybd2j}{m}{scit}{
1015 <-> \ybd@scale ybdr2cij8t
1016 }{}
1017
1018 \DeclareFontShape{T1}{ybd2j}{b}{n}{
1019 <-> \ybd@scale ybdb2j8t
1020 }{}
1021
1022 \DeclareFontShape{T1}{ybd2j}{b}{sc}{
1023 <-> \ybd@scale ybdb2cj8t
1024 }{}
1025
1026 \DeclareFontShape{T1}{ybd2j}{b}{it}{

```

```

1027 <-> \ybd@@scale ybdb2ij8t
1028 }{}
1029
1030 \DeclareFontShape{T1}{ybd2j}{b}{scit}{
1031 <-> \ybd@@scale ybdb2cij8t
1032 }{}
1033
1034 \DeclareFontShape{T1}{ybd2j}{m}{sl}{<->ssub * ybd2j/m/it}{}
1035 \DeclareFontShape{T1}{ybd2j}{m}{si}{<->ssub * ybd2j/m/scit}{}
1036 \DeclareFontShape{T1}{ybd2j}{b}{sl}{<->ssub * ybd2j/b/it}{}
1037 \DeclareFontShape{T1}{ybd2j}{bx}{n}{<->ssub * ybd2j/b/n}{}
1038 \DeclareFontShape{T1}{ybd2j}{bx}{sc}{<->ssub * ybd2j/b/sc}{}
1039 \DeclareFontShape{T1}{ybd2j}{bx}{it}{<->ssub * ybd2j/b/it}{}
1040 \DeclareFontShape{T1}{ybd2j}{bx}{sl}{<->ssub * ybd2j/b/sl}{}
1041 \DeclareFontShape{T1}{ybd2j}{bx}{scit}{<->ssub * ybd2j/b/scit}{}
1042 \DeclareFontShape{T1}{ybd2j}{b}{si}{<->ssub * ybd2j/bx/scit}{}
1043 \DeclareFontShape{T1}{ybd2j}{bx}{si}{<->ssub * ybd2j/b/si}{}
1044

```

B.1.16 t1ybdj.fd

t1ybdj.fd (/d) Font definitions: family t1ybdj.

```

1045 %Filename: t1ybdj.fd
1046 %Based on a file created using fontinst v1.928
1047
1048 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1049
1050 \ProvidesFile{t1ybdj.fd}
1051 [0000/00/00 font definitions for T1/ybdj.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1052 \expandafter\ifx\cename ybd@scale\endcsname\relax
1053 \let\ybd@@scale\@empty
1054 \else
1055 \edef\ybd@@scale{s*[\cename ybd@scale\endcsname]}%
1056 \fi
1057
1058 \DeclareFontFamily{T1}{ybdj}{}
1059
1060 \DeclareFontShape{T1}{ybdj}{m}{n}{
1061 <-> \ybd@@scale ybdrj8t
1062 }{}
1063
1064 \DeclareFontShape{T1}{ybdj}{m}{sc}{
1065 <-> \ybd@@scale ybdrdj8t
1066 }{}
1067
1068 \DeclareFontShape{T1}{ybdj}{m}{it}{
1069 <-> \ybd@@scale ybdrij8t
1070 }{}
1071
1072 \DeclareFontShape{T1}{ybdj}{m}{scit}{
1073 <-> \ybd@@scale ybdrrij8t
1074 }{}

```

```

1075
1076 \DeclareFontShape{T1}{ybdj}{b}{n}{
1077     <-> \ybd@scale ydbbj8t
1078 }{}
1079
1080 \DeclareFontShape{T1}{ybdj}{b}{sc}{
1081     <-> \ybd@scale ydbbcj8t
1082 }{}
1083
1084 \DeclareFontShape{T1}{ybdj}{b}{it}{
1085     <-> \ybd@scale ydbbij8t
1086 }{}
1087
1088 \DeclareFontShape{T1}{ybdj}{b}{scit}{
1089     <-> \ybd@scale ydbbcij8t
1090 }{}
1091
1092 \DeclareFontShape{T1}{ybdj}{m}{sl}{<->ssub * ybdj/m/it}{}
1093 \DeclareFontShape{T1}{ybdj}{m}{si}{<->ssub * ybdj/m/scit}{}
1094 \DeclareFontShape{T1}{ybdj}{b}{sl}{<->ssub * ybdj/b/it}{}
1095 \DeclareFontShape{T1}{ybdj}{bx}{n}{<->ssub * ybdj/b/n}{}
1096 \DeclareFontShape{T1}{ybdj}{bx}{sc}{<->ssub * ybdj/b/sc}{}
1097 \DeclareFontShape{T1}{ybdj}{bx}{it}{<->ssub * ybdj/b/it}{}
1098 \DeclareFontShape{T1}{ybdj}{bx}{sl}{<->ssub * ybdj/b/sl}{}
1099 \DeclareFontShape{T1}{ybdj}{bx}{scit}{<->ssub * ybdj/b/scit}{}
1100 \DeclareFontShape{T1}{ybdj}{b}{si}{<->ssub * ybdj/bx/scit}{}
1101 \DeclareFontShape{T1}{ybdj}{bx}{si}{<->ssub * ybdj/b/si}{}
1102

```

B.1.17 ts1ybd.fd

ts1ybd.fd (/d.) Font definitions: family ts1ybd.

```

1103 %Filename: ts1ybd.fd
1104 %Based on a file created using fontinst v1.928
1105
1106 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1107
1108 \ProvidesFile{ts1ybd.fd}
1109     [0000/00/00 font definitions for TS1/ybd.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1110 \expandafter\ifx\csname ybd@scale\endcsname\relax
1111     \let\ybd@scale\@empty
1112 \else
1113     \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
1114 \fi
1115
1116 \DeclareFontFamily{TS1}{ybd}{}
1117
1118 \DeclareFontShape{TS1}{ybd}{m}{n}{
1119     <-> \ybd@scale ybdr8c
1120 }{}
1121
1122 \DeclareFontShape{TS1}{ybd}{m}{sc}{

```

```

1123 <-> \ybd@scale ybdr8c
1124 }{}
1125
1126 \DeclareFontShape{TS1}{ybd}{m}{it}{
1127 <-> \ybd@scale ybdri8c
1128 }{}
1129
1130 \DeclareFontShape{TS1}{ybd}{m}{scit}{
1131 <-> \ybd@scale ybdrci8c
1132 }{}
1133
1134 \DeclareFontShape{TS1}{ybd}{b}{n}{
1135 <-> \ybd@scale ybdb8c
1136 }{}
1137
1138 \DeclareFontShape{TS1}{ybd}{b}{sc}{
1139 <-> \ybd@scale ybdb8c
1140 }{}
1141
1142 \DeclareFontShape{TS1}{ybd}{b}{it}{
1143 <-> \ybd@scale ydbdi8c
1144 }{}
1145
1146 \DeclareFontShape{TS1}{ybd}{b}{scit}{
1147 <-> \ybd@scale ydbdci8c
1148 }{}
1149
1150 \DeclareFontShape{TS1}{ybd}{m}{sl}{<->ssub * ybd/m/it}{}
1151 \DeclareFontShape{TS1}{ybd}{m}{si}{<->ssub * ybd/m/scit}{}
1152 \DeclareFontShape{TS1}{ybd}{b}{sl}{<->ssub * ybd/b/it}{}
1153 \DeclareFontShape{TS1}{ybd}{bx}{n}{<->ssub * ybd/b/n}{}
1154 \DeclareFontShape{TS1}{ybd}{bx}{sc}{<->ssub * ybd/b/sc}{}
1155 \DeclareFontShape{TS1}{ybd}{bx}{it}{<->ssub * ybd/b/it}{}
1156 \DeclareFontShape{TS1}{ybd}{bx}{sl}{<->ssub * ybd/b/sl}{}
1157 \DeclareFontShape{TS1}{ybd}{bx}{scit}{<->ssub * ybd/b/scit}{}
1158 \DeclareFontShape{TS1}{ybd}{b}{si}{<->ssub * ybd/bx/scit}{}
1159 \DeclareFontShape{TS1}{ybd}{bx}{si}{<->ssub * ybd/b/si}{}
1160

```

B.1.18 ts1ybd0.fd

ts1ybd0.fd (*fd*) Font definitions: family ts1ybd0.

```

1161 %Filename: ts1ybd0.fd
1162 %Based on a file created using fontinst v1.928
1163
1164 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1165
1166 \ProvidesFile{ts1ybd0.fd}
1167 [0000/00/00 font definitions for TS1/ybd0.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1168 \expandafter\ifx\csname ybd@scale\endcsname\relax
1169 \let\ybd@scale\@empty
1170 \else

```

```

1171 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
1172 \fi
1173
1174 \DeclareFontFamily{TS1}{ybd0}{}
1175
1176 \DeclareFontShape{TS1}{ybd0}{m}{n}{
1177     <-> \ybd@@scale ybdr08c
1178 }{}
1179
1180 \DeclareFontShape{TS1}{ybd0}{m}{sc}{
1181     <-> \ybd@@scale ybdr0c8c
1182 }{}
1183
1184 \DeclareFontShape{TS1}{ybd0}{m}{it}{
1185     <-> \ybd@@scale ybdr0i8c
1186 }{}
1187
1188 \DeclareFontShape{TS1}{ybd0}{m}{scit}{
1189     <-> \ybd@@scale ybdr0ci8c
1190 }{}
1191
1192 \DeclareFontShape{TS1}{ybd0}{b}{n}{
1193     <-> \ybd@@scale ybdb08c
1194 }{}
1195
1196 \DeclareFontShape{TS1}{ybd0}{b}{sc}{
1197     <-> \ybd@@scale ybdb0c8c
1198 }{}
1199
1200 \DeclareFontShape{TS1}{ybd0}{b}{it}{
1201     <-> \ybd@@scale ybdb0i8c
1202 }{}
1203
1204 \DeclareFontShape{TS1}{ybd0}{b}{scit}{
1205     <-> \ybd@@scale ybdb0ci8c
1206 }{}
1207
1208 \DeclareFontShape{TS1}{ybd0}{m}{sl}{<->ssub * ybd0/m/it}{}
1209 \DeclareFontShape{TS1}{ybd0}{m}{si}{<->ssub * ybd0/m/scit}{}
1210 \DeclareFontShape{TS1}{ybd0}{b}{sl}{<->ssub * ybd0/b/it}{}
1211 \DeclareFontShape{TS1}{ybd0}{bx}{n}{<->ssub * ybd0/b/n}{}
1212 \DeclareFontShape{TS1}{ybd0}{bx}{sc}{<->ssub * ybd0/b/sc}{}
1213 \DeclareFontShape{TS1}{ybd0}{bx}{it}{<->ssub * ybd0/b/it}{}
1214 \DeclareFontShape{TS1}{ybd0}{bx}{sl}{<->ssub * ybd0/b/sl}{}
1215 \DeclareFontShape{TS1}{ybd0}{bx}{scit}{<->ssub * ybd0/b/scit}{}
1216 \DeclareFontShape{TS1}{ybd0}{b}{si}{<->ssub * ybd0/bx/scit}{}
1217 \DeclareFontShape{TS1}{ybd0}{bx}{si}{<->ssub * ybd0/b/si}{}
1218

```

B.1.19 ts1ybd1.fd

ts1ybd1.fd (*/d*) Font definitions: family ts1ybd1.

```

1219 %Filename: ts1ybd1.fd
1220 %Based on a file created using fontinst v1.928

```

```

1221
1222 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1223
1224 \ProvidesFile{ts1ybd1.fd}
1225 [0000/00/00 font definitions for TS1/ybd1.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1226 \expandafter\ifx\csname ybd@scale\endcsname\relax
1227 \let\ybd@scale\@empty
1228 \else
1229 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
1230 \fi
1231
1232 \DeclareFontFamily{TS1}{ybd1}{}
1233
1234 \DeclareFontShape{TS1}{ybd1}{m}{n}{
1235 <-> \ybd@scale ybdr18c
1236 }{}
1237
1238 \DeclareFontShape{TS1}{ybd1}{m}{sc}{
1239 <-> \ybd@scale ybdr1c8c
1240 }{}
1241
1242 \DeclareFontShape{TS1}{ybd1}{m}{it}{
1243 <-> \ybd@scale ybdr1i8c
1244 }{}
1245
1246 \DeclareFontShape{TS1}{ybd1}{m}{scit}{
1247 <-> \ybd@scale ybdr1ci8c
1248 }{}
1249
1250 \DeclareFontShape{TS1}{ybd1}{b}{n}{
1251 <-> \ybd@scale ybdb18c
1252 }{}
1253
1254 \DeclareFontShape{TS1}{ybd1}{b}{sc}{
1255 <-> \ybd@scale ybdb1c8c
1256 }{}
1257
1258 \DeclareFontShape{TS1}{ybd1}{b}{it}{
1259 <-> \ybd@scale ybdb1i8c
1260 }{}
1261
1262 \DeclareFontShape{TS1}{ybd1}{b}{scit}{
1263 <-> \ybd@scale ybdb1ci8c
1264 }{}
1265
1266 \DeclareFontShape{TS1}{ybd1}{m}{sl}{<->ssub * ybd1/m/it}{}
1267 \DeclareFontShape{TS1}{ybd1}{m}{si}{<->ssub * ybd1/m/scit}{}
1268 \DeclareFontShape{TS1}{ybd1}{b}{sl}{<->ssub * ybd1/b/it}{}
1269 \DeclareFontShape{TS1}{ybd1}{bx}{n}{<->ssub * ybd1/b/n}{}
1270 \DeclareFontShape{TS1}{ybd1}{bx}{sc}{<->ssub * ybd1/b/sc}{}
1271 \DeclareFontShape{TS1}{ybd1}{bx}{it}{<->ssub * ybd1/b/it}{}
1272 \DeclareFontShape{TS1}{ybd1}{bx}{sl}{<->ssub * ybd1/b/sl}{}
1273 \DeclareFontShape{TS1}{ybd1}{bx}{scit}{<->ssub * ybd1/b/scit}{}

```

```

1274 \DeclareFontShape{TS1}{ybd1}{b}{si}{<->ssub * ybd1/bx/scit}{}
1275 \DeclareFontShape{TS1}{ybd1}{bx}{si}{<->ssub * ybd1/b/si}{}
1276

```

B.1.20 ts1ybd2.fd

ts1ybd2.fd (*fd*) Font definitions: family ts1ybd2.

```

1277 %Filename: ts1ybd2.fd
1278 %Based on a file created using fontinst v1.928
1279
1280 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1281
1282 \ProvidesFile{ts1ybd2.fd}
1283 [0000/00/00 font definitions for TS1/ybd2.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1284 \expandafter\ifx\csname ybd@scale\endcsname\relax
1285 \let\ybd@scale\@empty
1286 \else
1287 \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
1288 \fi
1289
1290 \DeclareFontFamily{TS1}{ybd2}{}
1291
1292 \DeclareFontShape{TS1}{ybd2}{m}{n}{
1293 <-> \ybd@scale ybdr28c
1294 }{}
1295
1296 \DeclareFontShape{TS1}{ybd2}{m}{sc}{
1297 <-> \ybd@scale ybdr2c8c
1298 }{}
1299
1300 \DeclareFontShape{TS1}{ybd2}{m}{it}{
1301 <-> \ybd@scale ybdr2i8c
1302 }{}
1303
1304 \DeclareFontShape{TS1}{ybd2}{m}{scit}{
1305 <-> \ybd@scale ybdr2ci8c
1306 }{}
1307
1308 \DeclareFontShape{TS1}{ybd2}{b}{n}{
1309 <-> \ybd@scale ybdb28c
1310 }{}
1311
1312 \DeclareFontShape{TS1}{ybd2}{b}{sc}{
1313 <-> \ybd@scale ybdb2c8c
1314 }{}
1315
1316 \DeclareFontShape{TS1}{ybd2}{b}{it}{
1317 <-> \ybd@scale ybdb2i8c
1318 }{}
1319
1320 \DeclareFontShape{TS1}{ybd2}{b}{scit}{
1321 <-> \ybd@scale ybdb2ci8c

```

```

1322 }{}
1323
1324 \DeclareFontShape{TS1}{ybd2}{m}{sl}{<->ssub * ybd2/m/it}{}
1325 \DeclareFontShape{TS1}{ybd2}{m}{si}{<->ssub * ybd2/m/scit}{}
1326 \DeclareFontShape{TS1}{ybd2}{b}{sl}{<->ssub * ybd2/b/it}{}
1327 \DeclareFontShape{TS1}{ybd2}{bx}{n}{<->ssub * ybd2/b/n}{}
1328 \DeclareFontShape{TS1}{ybd2}{bx}{sc}{<->ssub * ybd2/b/sc}{}
1329 \DeclareFontShape{TS1}{ybd2}{bx}{it}{<->ssub * ybd2/b/it}{}
1330 \DeclareFontShape{TS1}{ybd2}{bx}{sl}{<->ssub * ybd2/b/sl}{}
1331 \DeclareFontShape{TS1}{ybd2}{bx}{scit}{<->ssub * ybd2/b/scit}{}
1332 \DeclareFontShape{TS1}{ybd2}{b}{si}{<->ssub * ybd2/bx/scit}{}
1333 \DeclareFontShape{TS1}{ybd2}{bx}{si}{<->ssub * ybd2/b/si}{}
1334

```

B.1.21 ts1ybd2j.fd

ts1ybd2j.fd (/d) Font definitions: family ts1ybd2j.

```

1335 %Filename: ts1ybd2j.fd
1336 %Based on a file created using fontinst v1.928
1337
1338 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1339
1340 \ProvidesFile{ts1ybd2j.fd}
1341 [0000/00/00 font definitions for TS1/ybd2j.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1342 \expandafter\ifx\csname ybd@scale\endcsname\relax
1343 \let\ybd@@scale\empty
1344 \else
1345 \edef\ybd@@scale{s*[\csname ybd@scale\endcsname]}%
1346 \fi
1347
1348 \DeclareFontFamily{TS1}{ybd2j}{}
1349
1350 \DeclareFontShape{TS1}{ybd2j}{m}{n}{
1351 <-> \ybd@@scale ybdr2j8c
1352 }{}
1353
1354 \DeclareFontShape{TS1}{ybd2j}{m}{sc}{
1355 <-> \ybd@@scale ybdr2cj8c
1356 }{}
1357
1358 \DeclareFontShape{TS1}{ybd2j}{m}{it}{
1359 <-> \ybd@@scale ybdr2ij8c
1360 }{}
1361
1362 \DeclareFontShape{TS1}{ybd2j}{m}{scit}{
1363 <-> \ybd@@scale ybdr2cij8c
1364 }{}
1365
1366 \DeclareFontShape{TS1}{ybd2j}{b}{n}{
1367 <-> \ybd@@scale ybdb2j8c
1368 }{}
1369

```

```

1370 \DeclareFontShape{TS1}{ybd2j}{b}{sc}{
1371     <-> \ybd@scale ybdb2cj8c
1372 }{}
1373
1374 \DeclareFontShape{TS1}{ybd2j}{b}{it}{
1375     <-> \ybd@scale ybdb2ij8c
1376 }{}
1377
1378 \DeclareFontShape{TS1}{ybd2j}{b}{scit}{
1379     <-> \ybd@scale ybdb2cij8c
1380 }{}
1381
1382 \DeclareFontShape{TS1}{ybd2j}{m}{sl}{<->ssub * ybd2j/m/it}{}
1383 \DeclareFontShape{TS1}{ybd2j}{m}{si}{<->ssub * ybd2j/m/scit}{}
1384 \DeclareFontShape{TS1}{ybd2j}{b}{sl}{<->ssub * ybd2j/b/it}{}
1385 \DeclareFontShape{TS1}{ybd2j}{bx}{n}{<->ssub * ybd2j/b/n}{}
1386 \DeclareFontShape{TS1}{ybd2j}{bx}{sc}{<->ssub * ybd2j/b/sc}{}
1387 \DeclareFontShape{TS1}{ybd2j}{bx}{it}{<->ssub * ybd2j/b/it}{}
1388 \DeclareFontShape{TS1}{ybd2j}{bx}{sl}{<->ssub * ybd2j/b/sl}{}
1389 \DeclareFontShape{TS1}{ybd2j}{bx}{scit}{<->ssub * ybd2j/b/scit}{}
1390 \DeclareFontShape{TS1}{ybd2j}{b}{si}{<->ssub * ybd2j/bx/scit}{}
1391 \DeclareFontShape{TS1}{ybd2j}{bx}{si}{<->ssub * ybd2j/b/si}{}
1392

```

B.1.22 ts1ybdj.fd

ts1ybdj.fd (*fd*) Font definitions: family ts1ybdj.

```

1393 %Filename: ts1ybdj.fd
1394 %Based on a file created using fontinst v1.928
1395
1396 %THIS FILE SHOULD BE PUT IN A TEX INPUTS DIRECTORY
1397
1398 \ProvidesFile{ts1ybdj.fd}
1399     [0000/00/00 font definitions for TS1/ybdj.]

addaswyd o t1phv.fd (dyddiad y ffeil fd: 2020-03-25)

1400 \expandafter\ifx\csname ybd@scale\endcsname\relax
1401     \let\ybd@scale\@empty
1402 \else
1403     \edef\ybd@scale{s*[\csname ybd@scale\endcsname]}%
1404 \fi
1405
1406 \DeclareFontFamily{TS1}{ybdj}{}
1407
1408 \DeclareFontShape{TS1}{ybdj}{m}{n}{
1409     <-> \ybd@scale ybdrj8c
1410 }{}
1411
1412 \DeclareFontShape{TS1}{ybdj}{m}{sc}{
1413     <-> \ybd@scale ybdrj8c
1414 }{}
1415
1416 \DeclareFontShape{TS1}{ybdj}{m}{it}{
1417     <-> \ybd@scale ybdrij8c

```

```

1418 }{}
1419
1420 \DeclareFontShape{TS1}{ybdj}{m}{scit}{
1421     <-> \ybd@scale ybdr cij8c
1422 }{}
1423
1424 \DeclareFontShape{TS1}{ybdj}{b}{n}{
1425     <-> \ybd@scale ybdb j8c
1426 }{}
1427
1428 \DeclareFontShape{TS1}{ybdj}{b}{sc}{
1429     <-> \ybd@scale ydbbc j8c
1430 }{}
1431
1432 \DeclareFontShape{TS1}{ybdj}{b}{it}{
1433     <-> \ybd@scale ydbbi j8c
1434 }{}
1435
1436 \DeclareFontShape{TS1}{ybdj}{b}{scit}{
1437     <-> \ybd@scale ydbbc ij8c
1438 }{}
1439
1440 \DeclareFontShape{TS1}{ybdj}{m}{sl}{<->ssub * ybdj/m/it}{}
1441 \DeclareFontShape{TS1}{ybdj}{m}{si}{<->ssub * ybdj/m/scit}{}
1442 \DeclareFontShape{TS1}{ybdj}{b}{sl}{<->ssub * ybdj/b/it}{}
1443 \DeclareFontShape{TS1}{ybdj}{bx}{n}{<->ssub * ybdj/b/n}{}
1444 \DeclareFontShape{TS1}{ybdj}{bx}{sc}{<->ssub * ybdj/b/sc}{}
1445 \DeclareFontShape{TS1}{ybdj}{bx}{it}{<->ssub * ybdj/b/it}{}
1446 \DeclareFontShape{TS1}{ybdj}{bx}{sl}{<->ssub * ybdj/b/sl}{}
1447 \DeclareFontShape{TS1}{ybdj}{bx}{scit}{<->ssub * ybdj/b/scit}{}
1448 \DeclareFontShape{TS1}{ybdj}{b}{si}{<->ssub * ybdj/bx/scit}{}
1449 \DeclareFontShape{TS1}{ybdj}{bx}{si}{<->ssub * ybdj/b/si}{}
1450

```

B.2 Font Encodings

These files define variant LY₁, T₁ and TS₁ font encodings.

B.2.1 t1-ybd.enc

t1-ybd.enc (*script*) Font encoding t1-ybd.

```

1451 %%BeginResource: encoding fontinst-autoenc-t1-cfr
1452
1452 /t1-ybd [          1462 % 8          1472 /quotedblleft
1453 % 0                1463 /breve          1473 /quotedblright
1454 /grave             1464 /macron          1474 /quotedblbase
1455 /acute             1465 /dotaccent       1475 /guillemotleft
1456 /circumflex       1466 /cedilla        1476 /guillemotright
1457 /tilde             1467 /ogonek         1477 /endash
1458 /dieresis          1468 /quotesinglbase  1478 /emdash
1459 /hungarumlaut      1469 /guilsinglleft  1479 /compwordmark
1460 /ring              1470 /guilsinglright  1480 % 24
1461 /caron              1471 % 16          1481 /zero.denominator

```

¹⁴⁸² /dotlessi	¹⁵⁴² /K	¹⁵⁹⁸ /braceright
¹⁴⁸³ /dotlessj	¹⁵⁴³ /L	¹⁵⁹⁹ /asciitilde
¹⁴⁸⁴ /ff	¹⁵⁴⁴ /M	¹⁶⁰⁰ /hyphenchar
¹⁴⁸⁵ /fi	¹⁵⁴⁵ /N	¹⁶⁰¹ % 128
¹⁴⁸⁶ /fl	¹⁵⁴⁶ /O	¹⁶⁰² /Abreve
¹⁴⁸⁷ /ffi	¹⁵⁴⁷ % 80	¹⁶⁰³ /Aogonek
¹⁴⁹² /ffl	¹⁵⁴⁸ /P	¹⁶⁰⁴ /Cacute
¹⁴⁹³ % 32	¹⁵⁴⁹ /Q	¹⁶⁰⁵ /Ccaron
¹⁴⁹⁴ /visibleospace	¹⁵⁵⁰ /R	¹⁶⁰⁶ /Dcaron
¹⁴⁹⁵ /exclam	¹⁵⁵¹ /S	¹⁶⁰⁷ /Ecaron
¹⁴⁹⁶ /quotedbl	¹⁵⁵² /T	¹⁶⁰⁸ /Eogonek
¹⁴⁹⁷ /numbersign.fitted	¹⁵⁵³ /U	¹⁶⁰⁹ /Gbreve
¹⁴⁹⁸ /dollar.fitted	¹⁵⁵⁴ /V	¹⁶¹⁰ % 136
¹⁴⁹⁹ /percent.fitted	¹⁵⁵⁵ /W	¹⁶¹¹ /Lacute
¹⁵⁰⁰ /ampersand	¹⁵⁵⁶ % 88	¹⁶¹² /Lcaron
¹⁵⁰¹ /quoteright	¹⁵⁵⁷ /X	¹⁶¹³ /Lslash
¹⁵⁰² % 40	¹⁵⁵⁸ /Y	¹⁶¹⁴ /Nacute
¹⁵⁰³ /parenleft	¹⁵⁵⁹ /Z	¹⁶¹⁵ /Ncaron
¹⁵⁰⁴ /parenright	¹⁵⁶⁰ /bracketleft	¹⁶¹⁶ /Eng
¹⁵⁰⁵ /asterisk	¹⁵⁶¹ /backslash	¹⁶¹⁷ /Ohungarumlaut
¹⁵⁰⁶ /plus	¹⁵⁶² /bracketright	¹⁶¹⁸ /Racute
¹⁵⁰⁷ /comma	¹⁵⁶³ /asciicircum	¹⁶¹⁹ % 144
¹⁵⁰⁸ /hyphen	¹⁵⁶⁴ /underscore	¹⁶²⁰ /Rcaron
¹⁵⁰⁹ /period	¹⁵⁶⁵ % 96	¹⁶²¹ /Sacute
¹⁵¹⁰ /slash	¹⁵⁶⁶ /quoteleft	¹⁶²² /Scaron
¹⁵¹¹ % 48	¹⁵⁶⁷ /a	¹⁶²³ /Scedilla
¹⁵¹² /zero.fitted	¹⁵⁶⁸ /b	¹⁶²⁴ /Tcaron
¹⁵¹³ /one.fitted	¹⁵⁶⁹ /c	¹⁶²⁵ /Tcedilla
¹⁵¹⁴ /two.fitted	¹⁵⁷⁰ /d	¹⁶²⁶ /Uhungarumlaut
¹⁵¹⁵ /three.fitted	¹⁵⁷¹ /e	¹⁶²⁷ /Uring
¹⁵¹⁶ /four.fitted	¹⁵⁷² /f	¹⁶²⁸ % 152
¹⁵¹⁷ /five.fitted	¹⁵⁷³ /g	¹⁶²⁹ /Ydieresis
¹⁵¹⁸ /six.fitted	¹⁵⁷⁴ % 104	¹⁶³⁰ /Zacute
¹⁵¹⁹ /seven.fitted	¹⁵⁷⁵ /h	¹⁶³¹ /Zcaron
¹⁵²⁰ % 56	¹⁵⁷⁶ /i	¹⁶³² /Zdotaccent
¹⁵²¹ /eight.fitted	¹⁵⁷⁷ /j	¹⁶³³ /IJ
¹⁵²² /nine.fitted	¹⁵⁷⁸ /k	¹⁶³⁴ /Idotaccent
¹⁵²³ /colon	¹⁵⁷⁹ /l	¹⁶³⁵ /dcroat
¹⁵²⁴ /semicolon	¹⁵⁸⁰ /m	¹⁶³⁶ /section
¹⁵²⁵ /less	¹⁵⁸¹ /n	¹⁶³⁷ % 160
¹⁵²⁶ /equal	¹⁵⁸² /o	¹⁶³⁸ /abreve
¹⁵²⁷ /greater	¹⁵⁸³ % 112	¹⁶³⁹ /aogonek
¹⁵²⁸ /question	¹⁵⁸⁴ /p	¹⁶⁴⁰ /cacute
¹⁵²⁹ % 64	¹⁵⁸⁵ /q	¹⁶⁴¹ /ccaron
¹⁵³⁰ /at	¹⁵⁸⁶ /r	¹⁶⁴² /dcaron
¹⁵³¹ /A	¹⁵⁸⁷ /s	¹⁶⁴³ /ecaron
¹⁵³² /B	¹⁵⁸⁸ /t	¹⁶⁴⁴ /eogonek
¹⁵³³ /C	¹⁵⁸⁹ /u	¹⁶⁴⁵ /gbreve
¹⁵³⁴ /D	¹⁵⁹⁰ /v	¹⁶⁴⁶ % 168
¹⁵³⁵ /E	¹⁵⁹¹ /w	¹⁶⁴⁷ /lacute
¹⁵³⁶ /F	¹⁵⁹² % 120	¹⁶⁴⁸ /lcaron
¹⁵³⁷ /G	¹⁵⁹³ /x	¹⁶⁴⁹ /lslash
¹⁵³⁸ % 72	¹⁵⁹⁴ /y	¹⁶⁵⁰ /nacute
¹⁵³⁹ /H	¹⁵⁹⁵ /z	¹⁶⁵¹ /ncaron
¹⁵⁴⁰ /I	¹⁵⁹⁶ /braceleft	¹⁶⁵² /eng
¹⁵⁴¹ /J	¹⁵⁹⁷ /bar	¹⁶⁵³ /ohungarumlaut

1654 /racute	1690 /Edieresis	1722 % 232
1655 % 176	1691 /Igrave	1723 /egrave
1656 /rcaron	1692 /Iacute	1724 /eacute
1657 /sacute	1693 /Icircumflex	1725 /ecircumflex
1658 /scaron	1694 /Idieresis	1726 /edieresis
1663 /scedilla	1695 % 208	1727 /igrave
1664 /tcaron	1696 /Eth	1728 /iacute
1665 /tcedilla	1697 /Ntilde	1729 /icircumflex
1666 /uhungarumlaut	1698 /Ograve	1730 /idieresis
1667 /uring	1699 /Oacute	1731 % 240
1668 % 184	1700 /Ocircumflex	1732 /eth
1669 /ydieresis	1701 /Otilde	1733 /ntilde
1670 /zacute	1702 /Odieresis	1734 /ograve
1671 /zcaron	1703 /OE	1735 /oacute
1672 /zdotaccent	1704 % 216	1736 /ocircumflex
1673 /ij	1705 /Oslash	1737 /otilde
1674 /exclamdown	1706 /Ugrave	1738 /odieresis
1675 /questiondown	1707 /Uacute	1739 /oe
1676 /sterling.fitted	1708 /Ucircumflex	1740 % 248
1677 % 192	1709 /Udieresis	1741 /oslash
1678 /Agrave	1710 /Yacute	1742 /ugrave
1679 /Aacute	1711 /Thorn	1743 /uacute
1680 /Acircumflex	1712 /SS	1744 /ucircumflex
1681 /Atilde	1713 % 224	1745 /udieresis
1682 /Adieresis	1714 /agrave	1746 /yacute
1683 /Aring	1715 /aacute	1747 /thorn
1684 /AE	1716 /acircumflex	1748 /germandbls
1685 /Ccedilla	1717 /atilde	1749] def
1686 % 200	1718 /adieresis	1750 %%EndResource
1687 /Egrave	1719 /aring	1751 %
1688 /Eacute	1720 /ae	1752 % End of file
1689 /Ecircumflex	1721 /ccedilla	t1-ybd.enc.

B.2.2 t1-ybd0.enc

t1-ybd0.enc (script) Font encoding t1-ybdo. Should probably be fontinst-autoenc-t1-dotinferior

1753 %%BeginResource: encoding fontinst-autoenc-t1-ybd0	
1754 /t1-ybd0 [	1770 /quotesinglbase.inferior
1755 % 0	1771 /guilsinglleft.inferior
1756 /grave.inferior	1772 /guilsinglright.inferior
1757 /acute.inferior	1773 % 16
1758 /circumflex.inferior	1774 /quotedblleft.inferior
1759 /tilde.inferior	1775 /quotedblright.inferior
1760 /dieresis.inferior	1776 /quotedblbase.inferior
1761 /hungarumlaut.inferior	1777 /guillemotleft.inferior
1762 /ring.inferior	1778 /guillemotright.inferior
1763 /caron.inferior	1779 /endash.inferior
1764 % 8	1780 /emdash.inferior
1765 /breve.inferior	1781 /compwordmark.inferior
1766 /macron.inferior	1782 % 24
1767 /dotaccent.inferior	1783 /zero.denominator.inferior
1768 /cedilla.inferior	1784 /dotlessi.inferior
1769 /ogonek.inferior	1785 /dotlessj.inferior

1786 /ff.inferior	1845 /M.inferior
1787 /fi.inferior	1846 /N.inferior
1788 /fl.inferior	1847 /O.inferior
1789 /ffi.inferior	1848 % 80
1793 /ffl.inferior	1849 /P.inferior
1794 % 32	1850 /Q.inferior
1795 /visibleospace.inferior	1851 /R.inferior
1796 /exclam.inferior	1852 /S.inferior
1797 /quotedbl.inferior	1853 /T.inferior
1798 /numbersign.inferior	1854 /U.inferior
1799 /dollar.inferior	1855 /V.inferior
1800 /percent.inferior	1856 /W.inferior
1801 /ampersand.inferior	1857 % 88
1802 /quoteright.inferior	1858 /X.inferior
1803 % 40	1859 /Y.inferior
1804 /parenleft.inferior	1860 /Z.inferior
1805 /parenright.inferior	1861 /bracketleft.inferior
1806 /asterisk.inferior	1862 /backslash.inferior
1807 /plus.inferior	1863 /bracketright.inferior
1808 /comma.inferior	1864 /asciicircum.inferior
1809 /hyphen.inferior	1865 /underscore.inferior
1810 /period.inferior	1866 % 96
1811 /slash.inferior	1867 /quoteleft.inferior
1812 % 48	1868 /a.inferior
1813 /zero.inferior	1869 /b.inferior
1814 /one.inferior	1870 /c.inferior
1815 /two.inferior	1871 /d.inferior
1816 /three.inferior	1872 /e.inferior
1817 /four.inferior	1873 /f.inferior
1818 /five.inferior	1874 /g.inferior
1819 /six.inferior	1875 % 104
1820 /seven.inferior	1876 /h.inferior
1821 % 56	1877 /i.inferior
1822 /eight.inferior	1878 /j.inferior
1823 /nine.inferior	1879 /k.inferior
1824 /colon.inferior	1880 /l.inferior
1825 /semicolon.inferior	1881 /m.inferior
1826 /less.inferior	1882 /n.inferior
1827 /equal.inferior	1883 /o.inferior
1828 /greater.inferior	1884 % 112
1829 /question.inferior	1885 /p.inferior
1830 % 64	1886 /q.inferior
1831 /at.inferior	1887 /r.inferior
1832 /A.inferior	1888 /s.inferior
1833 /B.inferior	1889 /t.inferior
1834 /C.inferior	1890 /u.inferior
1835 /D.inferior	1891 /v.inferior
1836 /E.inferior	1892 /w.inferior
1837 /F.inferior	1893 % 120
1838 /G.inferior	1894 /x.inferior
1839 % 72	1895 /y.inferior
1840 /H.inferior	1896 /z.inferior
1841 /I.inferior	1897 /braceleft.inferior
1842 /J.inferior	1898 /bar.inferior
1843 /K.inferior	1899 /braceright.inferior
1844 /L.inferior	1900 /asciitilde.inferior

1901 /hyphenchar.inferior	1960 /rcaron.inferior
1902 % 128	1961 /sacute.inferior
1903 /Abreve.inferior	1962 /scaron.inferior
1907 /Aogonek.inferior	1963 /scedilla.inferior
1908 /Cacute.inferior	1964 /tcaron.inferior
1909 /Ccaron.inferior	1965 /tcedilla.inferior
1910 /Dcaron.inferior	1966 /uhungarumlaut.inferior
1911 /Ecaron.inferior	1967 /uring.inferior
1912 /Eogonek.inferior	1968 % 184
1913 /Gbreve.inferior	1969 /ydieresis.inferior
1914 % 136	1970 /zacute.inferior
1915 /Lacute.inferior	1971 /zcaron.inferior
1916 /Lcaron.inferior	1972 /zdotaccent.inferior
1917 /Lslash.inferior	1973 /ij.inferior
1918 /Nacute.inferior	1974 /exclamdown.inferior
1919 /Ncaron.inferior	1975 /questiondown.inferior
1920 /Eng.inferior	1976 /sterling.inferior
1921 /Ohungarumlaut.inferior	1977 % 192
1922 /Racute.inferior	1978 /Agrave.inferior
1923 % 144	1979 /Aacute.inferior
1924 /Rcaron.inferior	1980 /Acircumflex.inferior
1925 /Sacute.inferior	1981 /Atilde.inferior
1926 /Scaron.inferior	1982 /Adieresis.inferior
1927 /Scedilla.inferior	1983 /Aring.inferior
1928 /Tcaron.inferior	1984 /AE.inferior
1929 /Tcedilla.inferior	1985 /Ccedilla.inferior
1930 /Uhungarumlaut.inferior	1986 % 200
1931 /Uring.inferior	1987 /Egrave.inferior
1932 % 152	1988 /Eacute.inferior
1933 /Ydieresis.inferior	1989 /Ecircumflex.inferior
1934 /Zacute.inferior	1990 /Edieresis.inferior
1935 /Zcaron.inferior	1991 /Igrave.inferior
1936 /Zdotaccent.inferior	1992 /Iacute.inferior
1937 /IJ.inferior	1993 /Icircumflex.inferior
1938 /Idotaccent.inferior	1994 /Idieresis.inferior
1939 /dcroat.inferior	1995 % 208
1940 /section.inferior	1996 /Eth.inferior
1941 % 160	1997 /Ntilde.inferior
1942 /abreve.inferior	1998 /Ograve.inferior
1943 /aogonek.inferior	1999 /Oacute.inferior
1944 /cacute.inferior	2000 /Ocircumflex.inferior
1945 /ccaron.inferior	2001 /Otilde.inferior
1946 /dcaron.inferior	2002 /Odieresis.inferior
1947 /ecaron.inferior	2003 /OE.inferior
1948 /eogonek.inferior	2004 % 216
1949 /gbreve.inferior	2005 /Oslash.inferior
1950 % 168	2006 /Ugrave.inferior
1951 /lacute.inferior	2007 /Uacute.inferior
1952 /lcaron.inferior	2008 /Ucircumflex.inferior
1953 /lslash.inferior	2009 /Udieresis.inferior
1954 /nacute.inferior	2010 /Yacute.inferior
1955 /ncaron.inferior	2011 /Thorn.inferior
1956 /eng.inferior	2012 /SS.inferior
1957 /ohungarumlaut.inferior	2013 % 224
1958 /racute.inferior	2014 /agrave.inferior
1959 % 176	2015 /aacute.inferior

2016 /acircumflex.inferior	2038 /oacute.inferior
2017 /atilde.inferior	2039 /ocircumflex.inferior
2018 /adieresis.inferior	2040 /otilde.inferior
2022 /aring.inferior	2041 /odieresis.inferior
2023 /ae.inferior	2042 /oe.inferior
2024 /ccedilla.inferior	2043 % 248
2025 % 232	2044 /oslash.inferior
2026 /grave.inferior	2045 /ugrave.inferior
2027 /eacute.inferior	2046 /uacute.inferior
2028 /ecircumflex.inferior	2047 /ucircumflex.inferior
2029 /edieresis.inferior	2048 /udieresis.inferior
2030 /igrave.inferior	2049 /yacute.inferior
2031 /iacute.inferior	2050 /thorn.inferior
2032 /icircumflex.inferior	2051 /germandbls.inferior
2033 /idieresis.inferior	2052] def
2034 % 240	2053 %%EndResource
2035 /eth.inferior	2054 %
2036 /ntilde.inferior	2055 % End of file t1-ybd0.enc.
2037 /ograve.inferior	

B.2.3 t1-ybd1.enc

t1-ybd1.enc (*script*) Font encoding t1-ybd1. Should probably be fontinst-autoenc-t1-dotsuperior

```

2056 %%BeginResource: encoding fontinst-autoenc-t1-ybd1

2057 /t1-ybd1 [
2058 % 0
2059 /grave.superior
2060 /acute.superior
2061 /circumflex.superior
2062 /tilde.superior
2063 /dieresis.superior
2064 /hungarumlaut.superior
2065 /ring.superior
2066 /caron.superior
2067 % 8
2068 /breve.superior
2069 /macron.superior
2070 /dotaccent.superior
2071 /cedilla.superior
2072 /ogonek.superior
2073 /quotesinglbase.superior
2074 /guilsinglleft.superior
2075 /guilsinglright.superior
2076 % 16
2077 /quotedblleft.superior
2078 /quotedblright.superior
2079 /quotedblbase.superior
2080 /guillemotleft.superior
2081 /guillemotright.superior
2082 /endash.superior
2083 /emdash.superior
2084 /compwordmark.superior
2085 % 24
2086 /zero.denominator.superior
2087 /dotlessi.superior
2088 /dotlessj.superior
2089 /ff.superior
2090 /fi.superior
2091 /fl.superior
2092 /ffi.superior
2093 /ffl.superior
2094 % 32
2095 /visibleospace.superior
2096 /exclam.superior
2097 /quotedbl.superior
2098 /numeralsign.superior
2099 /dollar.superior
2100 /percent.superior
2101 /ampersand.superior
2102 /quoteright.superior
2103 % 40
2104 /parenleft.superior
2105 /parenright.superior
2106 /asterisk.superior
2107 /plus.superior
2108 /comma.superior
2109 /hyphen.superior
2110 /period.superior
2111 /slash.superior
2112 % 48
2113 /zero.superior
2114 /one.superior

```

2115 /two.superior	2174 /d.superior
2116 /three.superior	2175 /e.superior
2117 /four.superior	2176 /f.superior
2118 /five.superior	2177 /g.superior
2122 /six.superior	2178 % 104
2123 /seven.superior	2179 /h.superior
2124 % 56	2180 /i.superior
2125 /eight.superior	2181 /j.superior
2126 /nine.superior	2182 /k.superior
2127 /colon.superior	2183 /l.superior
2128 /semicolon.superior	2184 /m.superior
2129 /less.superior	2185 /n.superior
2130 /equal.superior	2186 /o.superior
2131 /greater.superior	2187 % 112
2132 /question.superior	2188 /p.superior
2133 % 64	2189 /q.superior
2134 /at.superior	2190 /r.superior
2135 /A.superior	2191 /s.superior
2136 /B.superior	2192 /t.superior
2137 /C.superior	2193 /u.superior
2138 /D.superior	2194 /v.superior
2139 /E.superior	2195 /w.superior
2140 /F.superior	2196 % 120
2141 /G.superior	2197 /x.superior
2142 % 72	2198 /y.superior
2143 /H.superior	2199 /z.superior
2144 /I.superior	2200 /braceleft.superior
2145 /J.superior	2201 /bar.superior
2146 /K.superior	2202 /braceright.superior
2147 /L.superior	2203 /asciitilde.superior
2148 /M.superior	2204 /hyphenchar.superior
2149 /N.superior	2205 % 128
2150 /O.superior	2206 /Abreve.superior
2151 % 80	2207 /Aogonek.superior
2152 /P.superior	2208 /Cacute.superior
2153 /Q.superior	2209 /Ccaron.superior
2154 /R.superior	2210 /Dcaron.superior
2155 /S.superior	2211 /Ecaron.superior
2156 /T.superior	2212 /Eogonek.superior
2157 /U.superior	2213 /Gbreve.superior
2158 /V.superior	2214 % 136
2159 /W.superior	2215 /Lacute.superior
2160 % 88	2216 /Lcaron.superior
2161 /X.superior	2217 /Lslash.superior
2162 /Y.superior	2218 /Nacute.superior
2163 /Z.superior	2219 /Ncaron.superior
2164 /bracketleft.superior	2220 /Eng.superior
2165 /backslash.superior	2221 /Ohungarumlaut.superior
2166 /bracketright.superior	2222 /Racute.superior
2167 /asciicircum.superior	2223 % 144
2168 /underscore.superior	2224 /Rcaron.superior
2169 % 96	2225 /Sacute.superior
2170 /quotleft.superior	2226 /Scaron.superior
2171 /a.superior	2227 /Scedilla.superior
2172 /b.superior	2228 /Tcaron.superior
2173 /c.superior	2229 /Tcedilla.superior

2230 /Uhungarumlaut.superior	2289 % 200
2231 /Uring.superior	2290 /Egrave.superior
2232 % 152	2291 /Eacute.superior
2236 /Ydieresis.superior	2292 /Ecircumflex.superior
2237 /Zacute.superior	2293 /Edieresis.superior
2238 /Zcaron.superior	2294 /Igrave.superior
2239 /Zdotaccent.superior	2295 /Iacute.superior
2240 /IJ.superior	2296 /Icircumflex.superior
2241 /Idotaccent.superior	2297 /Idieresis.superior
2242 /dcroat.superior	2298 % 208
2243 /section.superior	2299 /Eth.superior
2244 % 160	2300 /Ntilde.superior
2245 /abreve.superior	2301 /Ograve.superior
2246 /aogonek.superior	2302 /Oacute.superior
2247 /cacute.superior	2303 /Ocircumflex.superior
2248 /ccaron.superior	2304 /Otilde.superior
2249 /dcaron.superior	2305 /Odieresis.superior
2250 /ecaron.superior	2306 /OE.superior
2251 /eogonek.superior	2307 % 216
2252 /gbreve.superior	2308 /Oslash.superior
2253 % 168	2309 /Ugrave.superior
2254 /Iacute.superior	2310 /Uacute.superior
2255 /lcaron.superior	2311 /Ucircumflex.superior
2256 /lslash.superior	2312 /Udieresis.superior
2257 /nacute.superior	2313 /Yacute.superior
2258 /ncaron.superior	2314 /Thorn.superior
2259 /eng.superior	2315 /SS.superior
2260 /ohungarumlaut.superior	2316 % 224
2261 /racute.superior	2317 /agrave.superior
2262 % 176	2318 /aacute.superior
2263 /rcaron.superior	2319 /acircumflex.superior
2264 /sacute.superior	2320 /atilde.superior
2265 /scaron.superior	2321 /adieresis.superior
2266 /scedilla.superior	2322 /aring.superior
2267 /tcaron.superior	2323 /ae.superior
2268 /tcedilla.superior	2324 /ccedilla.superior
2269 /uhungarumlaut.superior	2325 % 232
2270 /uring.superior	2326 /egrave.superior
2271 % 184	2327 /eacute.superior
2272 /ydieresis.superior	2328 /ecircumflex.superior
2273 /zacute.superior	2329 /edieresis.superior
2274 /zcaron.superior	2330 /igrave.superior
2275 /zdotaccent.superior	2331 /iacute.superior
2276 /ij.superior	2332 /icircumflex.superior
2277 /exclamdown.superior	2333 /idieresis.superior
2278 /questiondown.superior	2334 % 240
2279 /sterling.superior	2335 /eth.superior
2280 % 192	2336 /ntilde.superior
2281 /Agrave.superior	2337 /ograve.superior
2282 /Aacute.superior	2338 /oacute.superior
2283 /Acircumflex.superior	2339 /ocircumflex.superior
2284 /Atilde.superior	2340 /otilde.superior
2285 /Adieresis.superior	2341 /odieresis.superior
2286 /Aring.superior	2342 /oe.superior
2287 /AE.superior	2343 % 248
2288 /Ccedilla.superior	2344 /oslash.superior

```

2345 /ugrave.superior
2346 /uacute.superior
2347 /ucircumflex.superior
2351 /udieresis.superior
2352 /yacute.superior
2353 /thorn.superior

2354 /germandbls.superior
2355 ] def
2356 %%EndResource
2357 %
2358 % End of file t1-ybd1.enc.

```

B.2.4 t1-ybd2.enc

t1-ybd2.enc (*script*) Font encoding t1-ybd2. Should probably be fontinst-autoenc-t1-cfr

```

2359 %%BeginResource: encoding fontinst-autoenc-t1-ybd2

2360 /t1-ybd2 [
2361 % 0
2362 /grave
2363 /acute
2364 /circumflex
2365 /tilde
2366 /dieresis
2367 /hungarumlaut
2368 /ring
2369 /caron
2370 % 8
2371 /breve
2372 /macron
2373 /dotaccent
2374 /cedilla
2375 /ogonek
2376 /quotesinglbase
2377 /guilsinglleft
2378 /guilsinglright
2379 % 16
2380 /quotedblleft
2381 /quotedblright
2382 /quotedblbase
2383 /guillemotleft
2384 /guillemotright
2385 /endash
2386 /emdash
2387 /compwordmark
2388 % 24
2389 /zero.denominator
2390 /dotlessi
2391 /dotlessj
2392 /ff
2393 /fi
2394 /fl
2395 /ffi
2396 /ffl
2397 % 32
2398 /visiblespace
2399 /exclam
2400 /quotedbl
2401 /numbersign

2402 /dollar
2403 /percent
2404 /ampersand
2405 /quoteright
2406 % 40
2407 /parenleft
2408 /parenright
2409 /asterisk
2410 /plus
2411 /comma
2412 /hyphen
2413 /period
2414 /slash
2415 % 48
2416 /zero
2417 /one
2418 /two
2419 /three
2420 /four
2421 /five
2422 /six
2423 /seven
2424 % 56
2425 /eight
2426 /nine
2427 /colon
2428 /semicolon
2429 /less
2430 /equal
2431 /greater
2432 /question
2433 % 64
2434 /at
2435 /A
2436 /B
2437 /C
2438 /D
2439 /E
2440 /F
2441 /G
2442 % 72
2443 /H

2444 /I
2445 /J
2446 /K
2447 /L
2448 /M
2449 /N
2450 /O
2451 % 80
2452 /P
2453 /Q
2454 /R
2455 /S
2456 /T
2457 /U
2458 /V
2459 /W
2460 % 88
2461 /X
2462 /Y
2463 /Z
2464 /bracketleft
2465 /backslash
2466 /bracketright
2467 /asciicircum
2468 /underscore
2469 % 96
2470 /quoteleft
2471 /a
2472 /b
2473 /c
2474 /d
2475 /e
2476 /f
2477 /g
2478 % 104
2479 /h
2480 /i
2481 /j
2482 /k
2483 /l
2484 /m
2485 /n

```

2486 /o	2546 /abreve	2602 /Ograve
2487 % 112	2547 /aogonek	2603 /Oacute
2488 /p	2548 /cacute	2604 /Ocircumflex
2489 /q	2549 /ccaron	2605 /Otilde
2490 /r	2550 /dcaron	2606 /Odieresis
2491 /s	2551 /ecaron	2607 /OE
2496 /t	2552 /eogonek	2608 % 216
2497 /u	2553 /gbreve	2609 /Oslash
2498 /v	2554 % 168	2610 /Ugrave
2499 /w	2555 /lacute	2611 /Uacute
2500 % 120	2556 /lcaron	2612 /Ucircumflex
2501 /x	2557 /lslash	2613 /Udieresis
2502 /y	2558 /nacute	2614 /Yacute
2503 /z	2559 /ncaron	2615 /Thorn
2504 /braceleft	2560 /eng	2616 /SS
2505 /bar	2561 /ohungarumlaut	2617 % 224
2506 /braceright	2562 /racute	2618 /agrave
2507 /asciitilde	2563 % 176	2619 /aacute
2508 /hyphenchar	2564 /rcaron	2620 /acircumflex
2509 % 128	2565 /sacute	2621 /atilde
2510 /Abreve	2566 /scaron	2622 /adieresis
2511 /Aogonek	2567 /scedilla	2623 /aring
2512 /Cacute	2568 /tcaron	2624 /ae
2513 /Ccaron	2569 /tcedilla	2625 /ccedilla
2514 /Dcaron	2570 /uhungarumlaut	2626 % 232
2515 /Ecaron	2571 /uring	2627 /egrave
2516 /Eogonek	2572 % 184	2628 /eacute
2517 /Gbreve	2573 /ydieresis	2629 /ecircumflex
2518 % 136	2574 /zacute	2630 /edieresis
2519 /Lacute	2575 /zcaron	2631 /igrave
2520 /Lcaron	2576 /zdotaccent	2632 /iacute
2521 /Lslash	2577 /ij	2633 /icircumflex
2522 /Nacute	2578 /exclamdown	2634 /idieresis
2523 /Ncaron	2579 /questiondown	2635 % 240
2524 /Eng	2580 /sterling	2636 /eth
2525 /Ohungarumlaut	2581 % 192	2637 /ntilde
2526 /Racute	2582 /Agrave	2638 /ograve
2527 % 144	2583 /Aacute	2639 /oacute
2528 /Rcaron	2584 /Acircumflex	2640 /ocircumflex
2529 /Sacute	2585 /Atilde	2641 /otilde
2530 /Scaron	2586 /Adieresis	2642 /odieresis
2531 /Scedilla	2587 /Aring	2643 /oe
2532 /Tcaron	2588 /AE	2644 % 248
2533 /Tcedilla	2589 /Ccedilla	2645 /oslash
2534 /Uhungarumlaut	2590 % 200	2646 /ugrave
2535 /Uring	2591 /Egrave	2647 /uacute
2536 % 152	2592 /Eacute	2648 /ucircumflex
2537 /Ydieresis	2593 /Ecircumflex	2649 /udieresis
2538 /Zacute	2594 /Edieresis	2650 /yacute
2539 /Zcaron	2595 /Igrave	2651 /thorn
2540 /Zdotaccent	2596 /Iacute	2652 /germandbls
2541 /IJ	2597 /Icircumflex	2653] def
2542 /Idotaccent	2598 /Idieresis	2654 %%EndResource
2543 /dcroat	2599 % 208	2655 %
2544 /section	2600 /Eth	2656 % End of file
2545 % 160	2601 /Ntilde	t1-ybd2.enc.

B.2.5 t1-ybd2j.enc

t1-ybd2j.enc (script) Font encoding t1-ybd2j.

```

2657 %%BeginResource: encoding fontinst-autoenc-t1-cfr

2658 /t1-ybd2j [
2659 % 0
2660 /grave
2661 /acute
2662 /circumflex
2663 /tilde
2664 /dieresis
2665 /hungarumlaut
2666 /ring
2667 /caron
2668 % 8
2669 /breve
2670 /macron
2671 /dotaccent
2672 /cedilla
2673 /ogonek
2674 /quotesinglbase
2675 /guilsinglleft
2676 /guilsinglright
2677 % 16
2678 /quotedblleft
2679 /quotedblright
2680 /quotedblbase
2681 /guillemotleft
2682 /guillemotright
2683 /endash
2684 /emdash
2685 /compwordmark
2686 % 24
2687 /zero.denominator
2688 /dotlessi
2689 /dotlessj
2690 /ff
2691 /fi
2692 /fl
2693 /ffi
2694 /ffl
2695 % 32
2696 /visiblespace
2697 /exclam
2698 /quotedbl
2699 /numbersign.oldstyle
2700 /dollar.oldstyle
2701 /percent.oldstyle
2702 /ampersand
2703 /quoteright
2704 % 40
2705 /parenleft
2706 /parenright
2707 /asterisk

2708 /plus
2709 /comma
2710 /hyphen
2711 /period
2712 /slash
2713 % 48
2714 /zero.oldstyle
2715 /one.oldstyle
2716 /two.oldstyle
2717 /three.oldstyle
2718 /four.oldstyle
2719 /five.oldstyle
2720 /six.oldstyle
2721 /seven.oldstyle
2722 % 56
2723 /eight.oldstyle
2724 /nine.oldstyle
2725 /colon
2726 /semicolon
2727 /less
2728 /equal
2729 /greater
2730 /question
2731 % 64
2732 /at
2733 /A
2734 /B
2735 /C
2736 /D
2737 /E
2738 /F
2739 /G
2740 % 72
2741 /H
2742 /I
2743 /J
2744 /K
2745 /L
2746 /M
2747 /N
2748 /O
2749 % 80
2750 /P
2751 /Q
2752 /R
2753 /S
2754 /T
2755 /U
2756 /V
2757 /W

2758 % 88
2759 /X
2760 /Y
2761 /Z
2762 /bracketleft
2763 /backslash
2764 /bracketright
2765 /asciicircum
2766 /underscore
2767 % 96
2768 /quoteleft
2769 /a
2770 /b
2771 /c
2772 /d
2773 /e
2774 /f
2775 /g
2776 % 104
2777 /h
2778 /i
2779 /j
2780 /k
2781 /l
2782 /m
2783 /n
2784 /o
2785 % 112
2786 /p
2787 /q
2788 /r
2789 /s
2790 /t
2791 /u
2792 /v
2793 /w
2794 % 120
2795 /x
2796 /y
2797 /z
2798 /braceleft
2799 /bar
2800 /braceright
2801 /asciitilde
2802 /hyphenchar
2803 % 128
2804 /Abreve
2805 /Aogonek
2806 /Cacute
2807 /Ccaron

```

2808 /Dcaron	2860 /racute	2908 /Ugrave
2809 /Ecaron	2861 % 176	2909 /Uacute
2810 /Eogonek	2862 /rcaron	2910 /Ucircumflex
2811 /Gbreve	2863 /sacute	2911 /Udieresis
2812 % 136	2864 /scaron	2912 /Yacute
2817 /Lacute	2865 /scedilla	2913 /Thorn
2818 /Lcaron	2866 /tcaron	2914 /SS
2819 /Lslash	2867 /tcedilla	2915 % 224
2820 /Nacute	2868 /uhungarumlaut	2916 /agrave
2821 /Ncaron	2869 /uring	2917 /aacute
2822 /Eng	2870 % 184	2918 /acircumflex
2823 /Ohungarumlaut	2871 /ydieresis	2919 /atilde
2824 /Racute	2872 /zacute	2920 /adieresis
2825 % 144	2873 /zcaron	2921 /aring
2826 /Rcaron	2874 /zdotaccent	2922 /ae
2827 /Sacute	2875 /ij	2923 /ccedilla
2828 /Scaron	2876 /exclamdown	2924 % 232
2829 /Scedilla	2877 /questiondown	2925 /egrave
2830 /Tcaron	2878 /sterling.oldstyle	2926 /eacute
2831 /Tcedilla	2879 % 192	2927 /ecircumflex
2832 /Uhungarumlaut	2880 /Agrave	2928 /edieresis
2833 /Uring	2881 /Aacute	2929 /igrave
2834 % 152	2882 /Acircumflex	2930 /iacute
2835 /Ydieresis	2883 /Atilde	2931 /icircumflex
2836 /Zacute	2884 /Adieresis	2932 /idieresis
2837 /Zcaron	2885 /Aring	2933 % 240
2838 /Zdotaccent	2886 /AE	2934 /eth
2839 /IJ	2887 /Ccedilla	2935 /ntilde
2840 /Idotaccent	2888 % 200	2936 /ograve
2841 /dcroat	2889 /Egrave	2937 /oacute
2842 /section	2890 /Eacute	2938 /ocircumflex
2843 % 160	2891 /Ecircumflex	2939 /otilde
2844 /abreve	2892 /Edieresis	2940 /odieresis
2845 /aogonek	2893 /Igrave	2941 /oe
2846 /cacute	2894 /Iacute	2942 % 248
2847 /ccaron	2895 /Icircumflex	2943 /oslash
2848 /dcaron	2896 /Idieresis	2944 /ugrave
2849 /ecaron	2897 % 208	2945 /uacute
2850 /eogonek	2898 /Eth	2946 /ucircumflex
2851 /gbreve	2899 /Ntilde	2947 /udieresis
2852 % 168	2900 /Ograve	2948 /yacute
2853 /lacute	2901 /Oacute	2949 /thorn
2854 /lcaron	2902 /Ocircumflex	2950 /germandbls
2855 /lslash	2903 /Otilde	2951] def
2856 /nacute	2904 /Odieresis	2952 %%EndResource
2857 /ncaron	2905 /OE	2953 %
2858 /eng	2906 % 216	2954 % End of file
2859 /ohungarumlaut	2907 /Oslash	t1-ybd2j.enc.

B.2.6 t1-ybdj.enc

t1-ybdj.enc (script) Font encoding t1-ybdj.

```
2955 %%BeginResource: encoding fontinst-autoenc-t1-cfr
```

2956 /t1-ybdj [	3012 /zero.taboldstyle
2957 % 0	3013 /one.taboldstyle
2958 /grave	3014 /two.taboldstyle
2959 /acute	3015 /three.taboldstyle
2960 /circumflex	3016 /four.taboldstyle
2961 /tilde	3017 /five.taboldstyle
2962 /dieresis	3018 /six.taboldstyle
2963 /hungarumlaut	3019 /seven.taboldstyle
2964 /ring	3020 % 56
2965 /caron	3021 /eight.taboldstyle
2966 % 8	3022 /nine.taboldstyle
2967 /breve	3023 /colon
2968 /macron	3024 /semicolon
2969 /dotaccent	3025 /less
2970 /cedilla	3026 /equal
2971 /ogonek	3027 /greater
2972 /quotesinglbase	3028 /question
2973 /guilsinglleft	3029 % 64
2974 /guilsinglright	3030 /at
2975 % 16	3031 /A
2976 /quotedblleft	3032 /B
2977 /quotedblright	3033 /C
2978 /quotedblbase	3034 /D
2979 /guillemotleft	3035 /E
2980 /guillemotright	3036 /F
2981 /endash	3037 /G
2982 /emdash	3038 % 72
2983 /compwordmark	3039 /H
2984 % 24	3040 /I
2985 /zero.denominator	3041 /J
2986 /dotlessi	3042 /K
2987 /dotlessj	3043 /L
2988 /ff	3044 /M
2989 /fi	3045 /N
2990 /fl	3046 /O
2991 /ffi	3047 % 80
2992 /ffl	3048 /P
2993 % 32	3049 /Q
2994 /visibleospace	3050 /R
2995 /exclam	3051 /S
2996 /quotedbl	3052 /T
2997 /numersign.taboldstyle	3053 /U
2998 /dollar.taboldstyle	3054 /V
2999 /percent.taboldstyle	3055 /W
3000 /ampersand	3056 % 88
3001 /quoteright	3057 /X
3002 % 40	3058 /Y
3003 /parenleft	3059 /Z
3004 /parenright	3060 /bracketleft
3005 /asterisk	3061 /backslash
3006 /plus	3062 /bracketright
3007 /comma	3063 /asciicircum
3008 /hyphen	3064 /underscore
3009 /period	3065 % 96
3010 /slash	3066 /quoteleft
3011 % 48	3067 /a

3068 /b	3127 /Tcaron
3069 /c	3128 /Tcedilla
3070 /d	3129 /Uhungarumlaut
3071 /e	3130 /Uring
3075 /f	3131 % 152
3076 /g	3132 /Ydieresis
3077 % 104	3133 /Zacute
3078 /h	3134 /Zcaron
3079 /i	3135 /Zdotaccent
3080 /j	3136 /IJ
3081 /k	3137 /Idotaccent
3082 /l	3138 /dcroat
3083 /m	3139 /section
3084 /n	3140 % 160
3085 /o	3141 /abreve
3086 % 112	3142 /aogonek
3087 /p	3143 /cacute
3088 /q	3144 /ccaron
3089 /r	3145 /dcaron
3090 /s	3146 /ecaron
3091 /t	3147 /eogonek
3092 /u	3148 /gbreve
3093 /v	3149 % 168
3094 /w	3150 /lacute
3095 % 120	3151 /lcaron
3096 /x	3152 /lslash
3097 /y	3153 /nacute
3098 /z	3154 /ncaron
3099 /braceleft	3155 /eng
3100 /bar	3156 /ohungarumlaut
3101 /braceright	3157 /racute
3102 /asciitilde	3158 % 176
3103 /hyphenchar	3159 /rcaron
3104 % 128	3160 /sacute
3105 /Abreve	3161 /scaron
3106 /Aogonek	3162 /scedilla
3107 /Cacute	3163 /tcaron
3108 /Ccaron	3164 /tcedilla
3109 /Dcaron	3165 /uhungarumlaut
3110 /Ecaron	3166 /uring
3111 /Eogonek	3167 % 184
3112 /Gbreve	3168 /ydieresis
3113 % 136	3169 /zacute
3114 /Lacute	3170 /zcaron
3115 /Lcaron	3171 /zdotaccent
3116 /Lslash	3172 /ij
3117 /Nacute	3173 /exclamdown
3118 /Ncaron	3174 /questiondown
3119 /Eng	3175 /sterling.taboldstyle
3120 /Ohungarumlaut	3176 % 192
3121 /Racute	3177 /Agrave
3122 % 144	3178 /Aacute
3123 /Rcaron	3179 /Acircumflex
3124 /Sacute	3180 /Atilde
3125 /Scaron	3181 /Adieresis
3126 /Scedilla	3182 /Aring

3183 /AE	3221 /aring
3184 /Ccedilla	3222 /ae
3185 % 200	3223 /ccedilla
3189 /Egrave	3224 % 232
3190 /Eacute	3225 /egrave
3191 /Ecircumflex	3226 /eacute
3192 /Edieresis	3227 /ecircumflex
3193 /Igrave	3228 /edieresis
3194 /Iacute	3229 /igrave
3195 /Icircumflex	3230 /iacute
3196 /Idieresis	3231 /icircumflex
3197 % 208	3232 /idieresis
3198 /Eth	3233 % 240
3199 /Ntilde	3234 /eth
3200 /Ograve	3235 /ntilde
3201 /Oacute	3236 /ograve
3202 /Ocircumflex	3237 /oacute
3203 /Otilde	3238 /ocircumflex
3204 /Odieresis	3239 /otilde
3205 /OE	3240 /odieresis
3206 % 216	3241 /oe
3207 /Oslash	3242 % 248
3208 /Ugrave	3243 /oslash
3209 /Uacute	3244 /ugrave
3210 /Ucircumflex	3245 /uacute
3211 /Udieresis	3246 /ucircumflex
3212 /Yacute	3247 /udieresis
3213 /Thorn	3248 /yacute
3214 /SS	3249 /thorn
3215 % 224	3250 /germandbls
3216 /agrave	3251] def
3217 /aacute	3252 %%EndResource
3218 /acircumflex	3253 %
3219 /atilde	3254 % End of file t1-ybdj.enc.
3220 /adieresis	

B.2.7 texnansi-ybd.enc

texnansi-ybd.enc (*script*) Font encoding texnansi-ybd.

3255 /TeXnANSIEncoding-ybd [	% now 256 chars follow
3256 /fj	% 0x00 0 .notdef in texnansi
3257 /Euro.fitted	% 0x01 1 /uni20AC
3258 /ffj	% 0x02 2 .notdef in texnansi
3259 /wcircumflex	% 0x03 3 .notdef in texnansi
3260 /fraction	% 0x04 4
3261 /dotaccent	% 0x05 5
3262 /hungarumlaut	% 0x06 6
3263 /ogonek	% 0x07 7
3264 /fl	% 0x08 8
3265 /Wcircumflex	% 0x09 9 /fraction at 4, backward compatibility
only; .notdef in texnansi	
3266 /Ycircumflex	% 0x0A 10 not used, except boundary char internally
3267 /ff	% 0x0B 11
3268 /fi	% 0x0C 12

3269 /ycircumflex	% 0x0D 13 /fl at 8, backward compatibility only;
.notdef in texnansi	
3270 /ffi	% 0x0E 14
3271 /ffl	% 0x0F 15
3272 /dotlessi	% 0x10 16
3273 /dotlessj	% 0x11 17
3274 /grave	% 0x12 18
3275 /acute	% 0x13 19
3276 /caron	% 0x14 20
3277 /breve	% 0x15 21
3278 /macron	% 0x16 22
3279 /ring	% 0x17 23
3280 /cedilla	% 0x18 24
3281 /germandbls	% 0x19 25
3282 /ae	% 0x1A 26
3283 /oe	% 0x1B 27
3284 /oslash	% 0x1C 28
3285 /AE	% 0x1D 29
3286 /OE	% 0x1E 30
3287 /Oslash	% 0x1F 31
3288 /space	% 0x20 32 /suppress in TeX text
3289 /exclam	% 0x21 33
3290 /quotedbl	% 0x22 34 /quotedblright in TeX text
3291 /numbersign.fitted	% 0x23 35
3292 /dollar.fitted	% 0x24 36
3293 /percent.fitted	% 0x25 37
3294 /ampersand	% 0x26 38
3295 /quoteright	% 0x27 39 /quotesingle in ANSI
3296 /parenleft	% 0x28 40
3297 /parenright	% 0x29 41
3298 /asterisk	% 0x2A 42
3299 /plus	% 0x2B 43
3300 /comma	% 0x2C 44
3301 /hyphen	% 0x2D 45
3302 /period	% 0x2E 46
3303 /slash	% 0x2F 47
3304 /zero.fitted	% 0x30 48
3305 /one.fitted	% 0x31 49
3306 /two.fitted	% 0x32 50
3307 /three.fitted	% 0x33 51
3308 /four.fitted	% 0x34 52
3309 /five.fitted	% 0x35 53
3310 /six.fitted	% 0x36 54
3311 /seven.fitted	% 0x37 55
3312 /eight.fitted	% 0x38 56
3313 /nine.fitted	% 0x39 57
3314 /colon	% 0x3A 58
3315 /semicolon	% 0x3B 59
3316 /less	% 0x3C 60 /exclamdown in Tex text
3317 /equal	% 0x3D 61
3318 /greater	% 0x3E 62 /questiondown in TeX text
3319 /question	% 0x3F 63
3320 /at	% 0x40 64
3321 /A	% 0x41 65
3322 /B	% 0x42 66
3323 /C	% 0x43 67

3324	/D	% 0x44 68
3325	/E	% 0x45 69
3326	/F	% 0x46 70
3327	/G	% 0x47 71
3328	/H	% 0x48 72
3329	/I	% 0x49 73
3330	/J	% 0x4A 74
3331	/K	% 0x4B 75
3332	/L	% 0x4C 76
3333	/M	% 0x4D 77
3334	/N	% 0x4E 78
3335	/O	% 0x4F 79
3336	/P	% 0x50 80
3337	/Q	% 0x51 81
3338	/R	% 0x52 82
3339	/S	% 0x53 83
3340	/T	% 0x54 84
3341	/U	% 0x55 85
3342	/V	% 0x56 86
3343	/W	% 0x57 87
3344	/X	% 0x58 88
3345	/Y	% 0x59 89
3346	/Z	% 0x5A 90
3347	/bracketleft	% 0x5B 91
3348	/backslash	% 0x5C 92 /quotedblleft in TeX text
3349	/bracketright	% 0x5D 93
3350	/circumflex	% 0x5E 94 /asciicircum in ASCII
3351	/underscore	% 0x5F 95 /dotaccent in TeX text
3352	/quoteleft	% 0x60 96 /grave accent in ANSI
3353	/a	% 0x61 97
3354	/b	% 0x62 98
3355	/c	% 0x63 99
3356	/d	% 0x64 100
3357	/e	% 0x65 101
3358	/f	% 0x66 102
3359	/g	% 0x67 103
3360	/h	% 0x68 104
3361	/i	% 0x69 105
3362	/j	% 0x6A 106
3363	/k	% 0x6B 107
3364	/l	% 0x6C 108
3365	/m	% 0x6D 109
3366	/n	% 0x6E 110
3367	/o	% 0x6F 111
3368	/p	% 0x70 112
3369	/q	% 0x71 113
3370	/r	% 0x72 114
3371	/s	% 0x73 115
3372	/t	% 0x74 116
3373	/u	% 0x75 117
3374	/v	% 0x76 118
3375	/w	% 0x77 119
3376	/x	% 0x78 120
3377	/y	% 0x79 121
3378	/z	% 0x7A 122
3379	/braceleft	% 0x7B 123 /endash in TeX text

3380 /bar	% 0x7C 124 /emdash in TeX test
3381 /braceright	% 0x7D 125 /hungarumlaut in TeX text
3382 /tilde	% 0x7E 126 /asciitilde in ASCII
3383 /dieresis	% 0x7F 127 also at 168
3384 /Lslash	% 0x80 128 position is unfortunate, but too late
to fix	
3385 /quotesingle	% 0x81 129
3386 /quotesinglbase	% 0x82 130
3387 /florin	% 0x83 131
3388 /quotedblbase	% 0x84 132
3389 /ellipsis	% 0x85 133
3390 /dagger	% 0x86 134
3391 /daggerdbl	% 0x87 135
3392 /circumflex	% 0x88 136
3393 /perthousand	% 0x89 137
3394 /Scaron	% 0x8A 138
3395 /guilsinglleft	% 0x8B 139
3396 /OE	% 0x8C 140
3397 /Zcaron	% 0x8D 141
3398 /asciicircum	% 0x8E 142
3399 /minus	% 0x8F 143
3400 /lslash	% 0x90 144
3401 /quoteleft	% 0x91 145
3402 /quoteright	% 0x92 146
3403 /quotedblleft	% 0x93 147
3404 /quotedblright	% 0x94 148
3405 /bullet	% 0x95 149
3406 /endash	% 0x96 150
3407 /emdash	% 0x97 151
3408 /tilde	% 0x98 152
3409 /trademark	% 0x99 153
3410 /scaron	% 0x9A 154
3411 /guilsinglright	% 0x9B 155
3412 /oe	% 0x9C 156
3413 /zcaron	% 0x9D 157
3414 /asciitilde	% 0x9E 158
3415 /Ydieresis	% 0x9F 159
3416 /nbsp	% 0xA0 160 no break space
3417 /exclamdown	% 0xA1 161
3418 /cent.fitted	% 0xA2 162
3419 /sterling.fitted	% 0xA3 163
3420 /currency	% 0xA4 164
3421 /yen.fitted	% 0xA5 165
3422 /brokenbar	% 0xA6 166
3423 /section	% 0xA7 167
3424 /dieresis	% 0xA8 168
3425 /copyright	% 0xA9 169
3426 /ordfeminine	% 0xAA 170
3427 /guillemotleft	% 0xAB 171
3428 /logicalnot	% 0xAC 172
3429 /sfthyphen	% 0xAD 173 /hyphen (hanging hyphen)
3430 /registered	% 0xAE 174
3431 /macron	% 0xAF 175
3432 /degree	% 0xB0 176
3433 /plusminus	% 0xB1 177
3434 /two.superior	% 0xB2 178

3435	/three.superior	% 0xB3	179
3436	/acute	% 0xB4	180
3437	/mu	% 0xB5	181
3438	/paragraph	% 0xB6	182
3439	/periodcentered	% 0xB7	183
344 ^o	/cedilla	% 0xB8	184
344 ¹	/one.superior	% 0xB9	185
344 ²	/ordmasculine	% 0xBA	186
3443	/guillemotright	% 0xBB	187
3444	/onequarter	% 0xBC	188
3445	/onehalf	% 0xBD	189
3446	/threequarters	% 0xBE	190
3447	/questiondown	% 0xBF	191
344 ⁸	/Agrave	% 0xC0	192
3449	/Aacute	% 0xC1	193
345 ^o	/Acircumflex	% 0xC2	194
345 ¹	/Atilde	% 0xC3	195
345 ²	/Adieresis	% 0xC4	196
3453	/Aring	% 0xC5	197
3454	/AE	% 0xC6	198
3455	/Ccedilla	% 0xC7	199
3456	/Egrave	% 0xC8	200
3457	/Eacute	% 0xC9	201
3458	/Ecircumflex	% 0xCA	202
3459	/Edieresis	% 0xCB	203
346 ^o	/Igrave	% 0xCC	204
346 ¹	/Iacute	% 0xCD	205
346 ²	/Icircumflex	% 0xCE	206
346 ³	/Idieresis	% 0xCF	207
3464	/Eth	% 0xD0	208
3465	/Ntilde	% 0xD1	209
3466	/Ograve	% 0xD2	210
3467	/Oacute	% 0xD3	211
3468	/Ocircumflex	% 0xD4	212
3469	/Otilde	% 0xD5	213
347 ^o	/Odieresis	% 0xD6	214
347 ¹	/multiply	% 0xD7	215 OE in T1
347 ²	/Oslash	% 0xD8	216
3473	/Ugrave	% 0xD9	217
3474	/Uacute	% 0xDA	218
3475	/Ucircumflex	% 0xDB	219
3476	/Udieresis	% 0xDC	220
3477	/Yacute	% 0xDD	221
3478	/Thorn	% 0xDE	222
3479	/germandbls	% 0xDF	223
348 ^o	/agrave	% 0xE0	224
348 ¹	/aacute	% 0xE1	225
348 ²	/acircumflex	% 0xE2	226
3483	/atilde	% 0xE3	227
3484	/adieresis	% 0xE4	228
3485	/aring	% 0xE5	229
3486	/ae	% 0xE6	230
3487	/ccedilla	% 0xE7	231
3488	/egrave	% 0xE8	232
3489	/eacute	% 0xE9	233
349 ^o	/ecircumflex	% 0xEA	234

```

3491 /edieresis          % 0xEB 235
3492 /igrave             % 0xEC 236
3493 /iacute             % 0xED 237
3494 /icircumflex        % 0xEE 238
3495 /idieresis          % 0xEF 239
3496 /eth                % 0xF0 240
3497 /ntilde             % 0xF1 241
3498 /ograve             % 0xF2 242
3499 /oacute             % 0xF3 243
3500 /ocircumflex        % 0xF4 244
3501 /otilde             % 0xF5 245
3502 /odieresis          % 0xF6 246
3503 /divide             % 0xF7 247 oe in T1
3504 /oslash             % 0xF8 248
3505 /ugrave             % 0xF9 249
3506 /uacute             % 0xFA 250
3507 /ucircumflex        % 0xFB 251
3508 /udieresis          % 0xFC 252
3509 /yacute             % 0xFD 253
3510 /thorn              % 0xFE 254
3511 /ydieresis          % 0xFF 255 germandbls in T1
3512 ] def

```

B.2.8 texnansi-ybd0.enc

texnansi-ybd0.enc (*script*) Font encoding texnansi-ybdo.

```

3513 /TeXnANSIEncoding-ybd0 [ % now 256 chars follow
3514 /fj.inferior             % 0x00 0 .notdef in texnansi
3515 /Euro.inferior           % 0x01 1 /uni20AC
3516 /ffj.inferior           % 0x02 2 .notdef in texnansi
3517 /wcircumflex.inferior    % 0x03 3 .notdef in texnansi
3518 /fraction.inferior       % 0x04 4
3519 /dotaccent.inferior      % 0x05 5
3520 /hungarumlaut.inferior   % 0x06 6
3521 /ogonek.inferior        % 0x07 7
3522 /fl.inferior            % 0x08 8
3523 /Wcircumflex.inferior    % 0x09 9 /fraction at 4, backward compatib
only; .notdef in texnansi
3524 /Ycircumflex.inferior    % 0x0A 10 not used, except boundary char
internally
3525 /ff.inferior            % 0x0B 11
3526 /fi.inferior           % 0x0C 12
3527 /ycircumflex.inferior    % 0x0D 13 /fl at 8, backward compatibility
only; .notdef in texnansi
3528 /ffi.inferior           % 0x0E 14
3529 /ffl.inferior           % 0x0F 15
3530 /dotlessi.inferior      % 0x10 16
3531 /dotlessj.inferior      % 0x11 17
3532 /grave.inferior         % 0x12 18
3533 /acute.inferior         % 0x13 19
3534 /caron.inferior         % 0x14 20
3535 /breve.inferior         % 0x15 21
3536 /macron.inferior        % 0x16 22
3537 /ring.inferior          % 0x17 23

```

3538	/cedilla.inferior	% 0x18 24
3539	/germandbls.inferior	% 0x19 25
3540	/ae.inferior	% 0x1A 26
3541	/oe.inferior	% 0x1B 27
3542	/oslash.inferior	% 0x1C 28
3543	/AE.inferior	% 0x1D 29
3544	/OE.inferior	% 0x1E 30
3545	/Oslash.inferior	% 0x1F 31
3546	/space.inferior	% 0x20 32 /suppress in TeX text
3547	/exclam.inferior	% 0x21 33
3548	/quotedbl.inferior	% 0x22 34 /quotedblright in TeX text
3549	/numbersign.inferior	% 0x23 35
3550	/dollar.inferior	% 0x24 36
3551	/percent.inferior	% 0x25 37
3552	/ampersand.inferior	% 0x26 38
3553	/quoteright.inferior	% 0x27 39 /quotesingle in ANSI
3554	/parenleft.inferior	% 0x28 40
3555	/parenright.inferior	% 0x29 41
3556	/asterisk.inferior	% 0x2A 42
3557	/plus.inferior	% 0x2B 43
3558	/comma.inferior	% 0x2C 44
3559	/hyphen.inferior	% 0x2D 45
3560	/period.inferior	% 0x2E 46
3561	/slash.inferior	% 0x2F 47
3562	/zero.inferior	% 0x30 48
3563	/one.inferior	% 0x31 49
3564	/two.inferior	% 0x32 50
3565	/three.inferior	% 0x33 51
3566	/four.inferior	% 0x34 52
3567	/five.inferior	% 0x35 53
3568	/six.inferior	% 0x36 54
3569	/seven.inferior	% 0x37 55
3570	/eight.inferior	% 0x38 56
3571	/nine.inferior	% 0x39 57
3572	/colon.inferior	% 0x3A 58
3573	/semicolon.inferior	% 0x3B 59
3574	/less.inferior	% 0x3C 60 /exclamdown in Tex text
3575	/equal.inferior	% 0x3D 61
3576	/greater.inferior	% 0x3E 62 /questiondown in TeX text
3577	/question.inferior	% 0x3F 63
3578	/at.inferior	% 0x40 64
3579	/A.inferior	% 0x41 65
3580	/B.inferior	% 0x42 66
3581	/C.inferior	% 0x43 67
3582	/D.inferior	% 0x44 68
3583	/E.inferior	% 0x45 69
3584	/F.inferior	% 0x46 70
3585	/G.inferior	% 0x47 71
3586	/H.inferior	% 0x48 72
3587	/I.inferior	% 0x49 73
3588	/J.inferior	% 0x4A 74
3589	/K.inferior	% 0x4B 75
3590	/L.inferior	% 0x4C 76
3591	/M.inferior	% 0x4D 77
3592	/N.inferior	% 0x4E 78
3593	/O.inferior	% 0x4F 79

3594	/P.inferior	% 0x50 80
3595	/Q.inferior	% 0x51 81
3596	/R.inferior	% 0x52 82
3597	/S.inferior	% 0x53 83
3598	/T.inferior	% 0x54 84
3599	/U.inferior	% 0x55 85
3600	/V.inferior	% 0x56 86
3601	/W.inferior	% 0x57 87
3602	/X.inferior	% 0x58 88
3603	/Y.inferior	% 0x59 89
3604	/Z.inferior	% 0x5A 90
3605	/bracketleft.inferior	% 0x5B 91
3606	/backslash.inferior	% 0x5C 92 /quotedblleft in TeX text
3607	/bracketright.inferior	% 0x5D 93
3608	/circumflex.inferior	% 0x5E 94 /asciicircum in ASCII
3609	/underscore.inferior	% 0x5F 95 /dotaccent in TeX text
3610	/quoteleft.inferior	% 0x60 96 /grave accent in ANSI
3611	/a.inferior	% 0x61 97
3612	/b.inferior	% 0x62 98
3613	/c.inferior	% 0x63 99
3614	/d.inferior	% 0x64 100
3615	/e.inferior	% 0x65 101
3616	/f.inferior	% 0x66 102
3617	/g.inferior	% 0x67 103
3618	/h.inferior	% 0x68 104
3619	/i.inferior	% 0x69 105
3620	/j.inferior	% 0x6A 106
3621	/k.inferior	% 0x6B 107
3622	/l.inferior	% 0x6C 108
3623	/m.inferior	% 0x6D 109
3624	/n.inferior	% 0x6E 110
3625	/o.inferior	% 0x6F 111
3626	/p.inferior	% 0x70 112
3627	/q.inferior	% 0x71 113
3628	/r.inferior	% 0x72 114
3629	/s.inferior	% 0x73 115
3630	/t.inferior	% 0x74 116
3631	/u.inferior	% 0x75 117
3632	/v.inferior	% 0x76 118
3633	/w.inferior	% 0x77 119
3634	/x.inferior	% 0x78 120
3635	/y.inferior	% 0x79 121
3636	/z.inferior	% 0x7A 122
3637	/braceleft.inferior	% 0x7B 123 /endash in TeX text
3638	/bar.inferior	% 0x7C 124 /emdash in TeX text
3639	/braceright.inferior	% 0x7D 125 /hungarumlaut in TeX text
3640	/tilde.inferior	% 0x7E 126 /asciitilde in ASCII
3641	/dieresis.inferior	% 0x7F 127 also at 168
3642	/Lslash.inferior	% 0x80 128 position is unfortunate, but too late to fix
3643	/quotesingle.inferior	% 0x81 129
3644	/quotesinglbase.inferior	% 0x82 130
3645	/florin.inferior	% 0x83 131
3646	/quotedblbase.inferior	% 0x84 132
3647	/ellipsis.inferior	% 0x85 133
3648	/dagger.inferior	% 0x86 134

3649	/daggerdbl.inferior	% 0x87	135	
3650	/circumflex.inferior	% 0x88	136	
3651	/perthousand.inferior	% 0x89	137	
3652	/Scaron.inferior	% 0x8A	138	
3653	/guilsinglleft.inferior	% 0x8B	139	
3654	/OE.inferior	% 0x8C	140	
3655	/Zcaron.inferior	% 0x8D	141	
3656	/asciicircum.inferior	% 0x8E	142	
3657	/minus.inferior	% 0x8F	143	
3658	/lslash.inferior	% 0x90	144	
3659	/quoteleft.inferior	% 0x91	145	
3660	/quoteright.inferior	% 0x92	146	
3661	/quotedblleft.inferior	% 0x93	147	
3662	/quotedblright.inferior	% 0x94	148	
3663	/bullet.inferior	% 0x95	149	
3664	/endash.inferior	% 0x96	150	
3665	/emdash.inferior	% 0x97	151	
3666	/tilde.inferior	% 0x98	152	
3667	/trademark.inferior	% 0x99	153	
3668	/scaron.inferior	% 0x9A	154	
3669	/guilsinglright.inferior	% 0x9B	155	
3670	/oe.inferior	% 0x9C	156	
3671	/zcaron.inferior	% 0x9D	157	
3672	/asciitilde.inferior	% 0x9E	158	
3673	/Ydieresis.inferior	% 0x9F	159	
3674	/nbsppace.inferior	% 0xA0	160	no break space
3675	/exclamdown.inferior	% 0xA1	161	
3676	/cent.inferior	% 0xA2	162	
3677	/sterling.inferior	% 0xA3	163	
3678	/currency.inferior	% 0xA4	164	
3679	/yen.inferior	% 0xA5	165	
3680	/brokenbar.inferior	% 0xA6	166	
3681	/section.inferior	% 0xA7	167	
3682	/dieresis.inferior	% 0xA8	168	
3683	/copyright.inferior	% 0xA9	169	
3684	/ordfeminine.inferior	% 0xAA	170	
3685	/guillemotleft.inferior	% 0xAB	171	
3686	/logicalnot.inferior	% 0xAC	172	
3687	/sfthyphen.inferior	% 0xAD	173	/hyphen (hanging hyphen)
3688	/registered.inferior	% 0xAE	174	
3689	/macron.inferior	% 0xAF	175	
3690	/degree.inferior	% 0xB0	176	
3691	/plusminus.inferior	% 0xB1	177	
3692	/two.superior	% 0xB2	178	
3693	/three.superior	% 0xB3	179	
3694	/acute.inferior	% 0xB4	180	
3695	/mu.inferior	% 0xB5	181	
3696	/paragraph.inferior	% 0xB6	182	
3697	/periodcentered.inferior	% 0xB7	183	
3698	/cedilla.inferior	% 0xB8	184	
3699	/one.superior	% 0xB9	185	
3700	/ordmasculine.inferior	% 0xBA	186	
3701	/guillemotright.inferior	% 0xBB	187	
3702	/onequarter.inferior	% 0xBC	188	
3703	/onehalf.inferior	% 0xBD	189	
3704	/threequarters.inferior	% 0xBE	190	

3705	/questiondown.inferior	% 0xBF	191	
3706	/Agrave.inferior	% 0xC0	192	
3707	/Aacute.inferior	% 0xC1	193	
3708	/Acircumflex.inferior	% 0xC2	194	
3709	/Atilde.inferior	% 0xC3	195	
3710	/Adieresis.inferior	% 0xC4	196	
3711	/Aring.inferior	% 0xC5	197	
3712	/AE.inferior	% 0xC6	198	
3713	/Ccedilla.inferior	% 0xC7	199	
3714	/Egrave.inferior	% 0xC8	200	
3715	/Eacute.inferior	% 0xC9	201	
3716	/Ecircumflex.inferior	% 0xCA	202	
3717	/Edieresis.inferior	% 0xCB	203	
3718	/Igrave.inferior	% 0xCC	204	
3719	/Iacute.inferior	% 0xCD	205	
3720	/Icircumflex.inferior	% 0xCE	206	
3721	/Idieresis.inferior	% 0xCF	207	
3722	/Eth.inferior	% 0xD0	208	
3723	/Ntilde.inferior	% 0xD1	209	
3724	/Ograve.inferior	% 0xD2	210	
3725	/Oacute.inferior	% 0xD3	211	
3726	/Ocircumflex.inferior	% 0xD4	212	
3727	/Otilde.inferior	% 0xD5	213	
3728	/Odieresis.inferior	% 0xD6	214	
3729	/multiply.inferior	% 0xD7	215	OE in T1
3730	/Oslash.inferior	% 0xD8	216	
3731	/Ugrave.inferior	% 0xD9	217	
3732	/Uacute.inferior	% 0xDA	218	
3733	/Ucircumflex.inferior	% 0xDB	219	
3734	/Udieresis.inferior	% 0xDC	220	
3735	/Yacute.inferior	% 0xDD	221	
3736	/Thorn.inferior	% 0xDE	222	
3737	/germandbls.inferior	% 0xDF	223	
3738	/agrave.inferior	% 0xE0	224	
3739	/aacute.inferior	% 0xE1	225	
3740	/acircumflex.inferior	% 0xE2	226	
3741	/atilde.inferior	% 0xE3	227	
3742	/adieresis.inferior	% 0xE4	228	
3743	/aring.inferior	% 0xE5	229	
3744	/ae.inferior	% 0xE6	230	
3745	/ccedilla.inferior	% 0xE7	231	
3746	/egrave.inferior	% 0xE8	232	
3747	/eacute.inferior	% 0xE9	233	
3748	/ecircumflex.inferior	% 0xEA	234	
3749	/edieresis.inferior	% 0xEB	235	
3750	/igrave.inferior	% 0xEC	236	
3751	/iacute.inferior	% 0xED	237	
3752	/icircumflex.inferior	% 0xEE	238	
3753	/idieresis.inferior	% 0xEF	239	
3754	/eth.inferior	% 0xF0	240	
3755	/ntilde.inferior	% 0xF1	241	
3756	/ograve.inferior	% 0xF2	242	
3757	/oacute.inferior	% 0xF3	243	
3758	/ocircumflex.inferior	% 0xF4	244	
3759	/otilde.inferior	% 0xF5	245	
3760	/odieresis.inferior	% 0xF6	246	

```

3761 /divide.inferior          % 0xF7 247 oe in T1
3762 /oslash.inferior          % 0xF8 248
3763 /ugrave.inferior           % 0xF9 249
3764 /uacute.inferior           % 0xFA 250
3765 /ucircumflex.inferior      % 0xFB 251
3766 /udieresis.inferior        % 0xFC 252
3767 /yacute.inferior           % 0xFD 253
3768 /thorn.inferior            % 0xFE 254
3769 /ydieresis.inferior        % 0xFF 255 germandbls in T1
3770 ] def

```

B.2.9 texnansi-ybd1.enc

texnansi-ybd1.enc (*script*) Font encoding texnansi-ybd1.

```

3771 /TeXnANSIEncoding-ybd1 [    % now 256 chars follow
3772 /fj.superior                  % 0x00 0 .notdef in texnansi
3773 /Euro.superior                % 0x01 1 /uni20AC
3774 /ffj.superior                 % 0x02 2 .notdef in texnansi
3775 /wcircumflex.superior         % 0x03 3 .notdef in texnansi
3776 /fraction.superior            % 0x04 4
3777 /dotaccent.superior           % 0x05 5
3778 /hungarumlaut.superior        % 0x06 6
3779 /ogonek.superior             % 0x07 7
3780 /fl.superior                 % 0x08 8
3781 /Wcircumflex.superior         % 0x09 9 /fraction at 4, backward compatib
only; .notdef in texnansi
3782 /Ycircumflex.superior         % 0x0A 10 not used, except boundary char
internally
3783 /ff.superior                  % 0x0B 11
3784 /fi.superior                  % 0x0C 12
3785 /ycircumflex.superior         % 0x0D 13 /fl at 8, backward compatibility
only; .notdef in texnansi
3786 /ffi.superior                 % 0x0E 14
3787 /ffl.superior                 % 0x0F 15
3788 /dotlessi.superior           % 0x10 16
3789 /dotlessj.superior           % 0x11 17
3790 /grave.superior              % 0x12 18
3791 /acute.superior              % 0x13 19
3792 /caron.superior              % 0x14 20
3793 /breve.superior              % 0x15 21
3794 /macron.superior             % 0x16 22
3795 /ring.superior               % 0x17 23
3796 /cedilla.superior           % 0x18 24
3797 /germandbls.superior         % 0x19 25
3798 /ae.superior                 % 0x1A 26
3799 /oe.superior                 % 0x1B 27
3800 /oslash.superior             % 0x1C 28
3801 /AE.superior                 % 0x1D 29
3802 /OE.superior                 % 0x1E 30
3803 /Oslash.superior             % 0x1F 31
3804 /space.superior              % 0x20 32 /suppress in TeX text
3805 /exclam.superior             % 0x21 33
3806 /quotedbl.superior          % 0x22 34 /quotedblright in TeX text
3807 /numbersign.superior         % 0x23 35

```

3808	/dollar.superior	% 0x24 36	
3809	/percent.superior	% 0x25 37	
3810	/ampersand.superior	% 0x26 38	
3811	/quoteright.superior	% 0x27 39	/quotesingle in ANSI
3812	/parenleft.superior	% 0x28 40	
3813	/parenright.superior	% 0x29 41	
3814	/asterisk.superior	% 0x2A 42	
3815	/plus.superior	% 0x2B 43	
3816	/comma.superior	% 0x2C 44	
3817	/hyphen.superior	% 0x2D 45	
3818	/period.superior	% 0x2E 46	
3819	/slash.superior	% 0x2F 47	
3820	/zero.superior	% 0x30 48	
3821	/one.superior	% 0x31 49	
3822	/two.superior	% 0x32 50	
3823	/three.superior	% 0x33 51	
3824	/four.superior	% 0x34 52	
3825	/five.superior	% 0x35 53	
3826	/six.superior	% 0x36 54	
3827	/seven.superior	% 0x37 55	
3828	/eight.superior	% 0x38 56	
3829	/nine.superior	% 0x39 57	
3830	/colon.superior	% 0x3A 58	
3831	/semicolon.superior	% 0x3B 59	
3832	/less.superior	% 0x3C 60	/exclamdown in Tex text
3833	/equal.superior	% 0x3D 61	
3834	/greater.superior	% 0x3E 62	/questiondown in TeX text
3835	/question.superior	% 0x3F 63	
3836	/at.superior	% 0x40 64	
3837	/A.superior	% 0x41 65	
3838	/B.superior	% 0x42 66	
3839	/C.superior	% 0x43 67	
3840	/D.superior	% 0x44 68	
3841	/E.superior	% 0x45 69	
3842	/F.superior	% 0x46 70	
3843	/G.superior	% 0x47 71	
3844	/H.superior	% 0x48 72	
3845	/I.superior	% 0x49 73	
3846	/J.superior	% 0x4A 74	
3847	/K.superior	% 0x4B 75	
3848	/L.superior	% 0x4C 76	
3849	/M.superior	% 0x4D 77	
3850	/N.superior	% 0x4E 78	
3851	/O.superior	% 0x4F 79	
3852	/P.superior	% 0x50 80	
3853	/Q.superior	% 0x51 81	
3854	/R.superior	% 0x52 82	
3855	/S.superior	% 0x53 83	
3856	/T.superior	% 0x54 84	
3857	/U.superior	% 0x55 85	
3858	/V.superior	% 0x56 86	
3859	/W.superior	% 0x57 87	
3860	/X.superior	% 0x58 88	
3861	/Y.superior	% 0x59 89	
3862	/Z.superior	% 0x5A 90	
3863	/bracketleft.superior	% 0x5B 91	

3864 /backslash.superior	% 0x5C 92 /quotedblleft in TeX text
3865 /bracketright.superior	% 0x5D 93
3866 /circumflex.superior	% 0x5E 94 /asciicircum in ASCII
3867 /underscore.superior	% 0x5F 95 /dotaccent in TeX text
3868 /quoteleft.superior	% 0x60 96 /grave accent in ANSI
3869 /a.superior	% 0x61 97
3870 /b.superior	% 0x62 98
3871 /c.superior	% 0x63 99
3872 /d.superior	% 0x64 100
3873 /e.superior	% 0x65 101
3874 /f.superior	% 0x66 102
3875 /g.superior	% 0x67 103
3876 /h.superior	% 0x68 104
3877 /i.superior	% 0x69 105
3878 /j.superior	% 0x6A 106
3879 /k.superior	% 0x6B 107
3880 /l.superior	% 0x6C 108
3881 /m.superior	% 0x6D 109
3882 /n.superior	% 0x6E 110
3883 /o.superior	% 0x6F 111
3884 /p.superior	% 0x70 112
3885 /q.superior	% 0x71 113
3886 /r.superior	% 0x72 114
3887 /s.superior	% 0x73 115
3888 /t.superior	% 0x74 116
3889 /u.superior	% 0x75 117
3890 /v.superior	% 0x76 118
3891 /w.superior	% 0x77 119
3892 /x.superior	% 0x78 120
3893 /y.superior	% 0x79 121
3894 /z.superior	% 0x7A 122
3895 /braceleft.superior	% 0x7B 123 /endash in TeX text
3896 /bar.superior	% 0x7C 124 /emdash in TeX test
3897 /braceright.superior	% 0x7D 125 /hungarumlaut in TeX text
3898 /tilde.superior	% 0x7E 126 /asciitilde in ASCII
3899 /dieresis.superior	% 0x7F 127 also at 168
3900 /lslash.superior	% 0x80 128 position is unfortunate, but too late to fix
3901 /quotesingle.superior	% 0x81 129
3902 /quotingslbase.superior	% 0x82 130
3903 /florin.superior	% 0x83 131
3904 /quotedblbase.superior	% 0x84 132
3905 /ellipsis.superior	% 0x85 133
3906 /dagger.superior	% 0x86 134
3907 /daggerdbl.superior	% 0x87 135
3908 /circumflex.superior	% 0x88 136
3909 /perthousand.superior	% 0x89 137
3910 /Scaron.superior	% 0x8A 138
3911 /guilsinglleft.superior	% 0x8B 139
3912 /OE.superior	% 0x8C 140
3913 /Zcaron.superior	% 0x8D 141
3914 /asciicircum.superior	% 0x8E 142
3915 /minus.superior	% 0x8F 143
3916 /lslash.superior	% 0x90 144
3917 /quoteleft.superior	% 0x91 145
3918 /quoteright.superior	% 0x92 146

3919	/quotedblleft.superior	% 0x93	147
3920	/quotedblright.superior	% 0x94	148
3921	/bullet.superior	% 0x95	149
3922	/endash.superior	% 0x96	150
3923	/emdash.superior	% 0x97	151
3924	/tilde.superior	% 0x98	152
3925	/trademark.superior	% 0x99	153
3926	/scaron.superior	% 0x9A	154
3927	/guilsinglright.superior	% 0x9B	155
3928	/oe.superior	% 0x9C	156
3929	/zcaron.superior	% 0x9D	157
3930	/asciitilde.superior	% 0x9E	158
3931	/Ydieresis.superior	% 0x9F	159
3932	/nbsp.space.superior	% 0xA0	160 no break space
3933	/exclamdown.superior	% 0xA1	161
3934	/cent.superior	% 0xA2	162
3935	/sterling.superior	% 0xA3	163
3936	/currency.superior	% 0xA4	164
3937	/yen.superior	% 0xA5	165
3938	/brokenbar.superior	% 0xA6	166
3939	/section.superior	% 0xA7	167
3940	/dieresis.superior	% 0xA8	168
3941	/copyright.superior	% 0xA9	169
3942	/ordfeminine.superior	% 0xAA	170
3943	/guillemotleft.superior	% 0xAB	171
3944	/logicalnot.superior	% 0xAC	172
3945	/sfthyphen.superior	% 0xAD	173 /hyphen (hanging hyphen)
3946	/registered.superior	% 0xAE	174
3947	/macron.superior	% 0xAF	175
3948	/degree.superior	% 0xB0	176
3949	/plusminus.superior	% 0xB1	177
3950	/two.superior	% 0xB2	178
3951	/three.superior	% 0xB3	179
3952	/acute.superior	% 0xB4	180
3953	/mu.superior	% 0xB5	181
3954	/paragraph.superior	% 0xB6	182
3955	/periodcentered.superior	% 0xB7	183
3956	/cedilla.superior	% 0xB8	184
3957	/one.superior	% 0xB9	185
3958	/ordmasculine.superior	% 0xBA	186
3959	/guillemotright.superior	% 0xBB	187
3960	/onequarter.superior	% 0xBC	188
3961	/onehalf.superior	% 0xBD	189
3962	/threequarters.superior	% 0xBE	190
3963	/questiondown.superior	% 0xBF	191
3964	/Agrave.superior	% 0xC0	192
3965	/Aacute.superior	% 0xC1	193
3966	/Acircumflex.superior	% 0xC2	194
3967	/Atilde.superior	% 0xC3	195
3968	/Adieresis.superior	% 0xC4	196
3969	/Aring.superior	% 0xC5	197
3970	/AE.superior	% 0xC6	198
3971	/Ccedilla.superior	% 0xC7	199
3972	/Egrave.superior	% 0xC8	200
3973	/Eacute.superior	% 0xC9	201
3974	/Ecircumflex.superior	% 0xCA	202

3975	/Edieresis.superior	% 0xCB 203
3976	/Igrave.superior	% 0xCC 204
3977	/Iacute.superior	% 0xCD 205
3978	/Icircumflex.superior	% 0xCE 206
3979	/Idieresis.superior	% 0xCF 207
3980	/Eth.superior	% 0xD0 208
3981	/Ntilde.superior	% 0xD1 209
3982	/Ograve.superior	% 0xD2 210
3983	/Oacute.superior	% 0xD3 211
3984	/Ocircumflex.superior	% 0xD4 212
3985	/Otilde.superior	% 0xD5 213
3986	/Odieresis.superior	% 0xD6 214
3987	/multiply.superior	% 0xD7 215 OE in T1
3988	/Oslash.superior	% 0xD8 216
3989	/Ugrave.superior	% 0xD9 217
3990	/Uacute.superior	% 0xDA 218
3991	/Ucircumflex.superior	% 0xDB 219
3992	/Udieresis.superior	% 0xDC 220
3993	/Yacute.superior	% 0xDD 221
3994	/Thorn.superior	% 0xDE 222
3995	/germandbls.superior	% 0xDF 223
3996	/agrave.superior	% 0xE0 224
3997	/aacute.superior	% 0xE1 225
3998	/acircumflex.superior	% 0xE2 226
3999	/atilde.superior	% 0xE3 227
4000	/adieresis.superior	% 0xE4 228
4001	/aring.superior	% 0xE5 229
4002	/ae.superior	% 0xE6 230
4003	/ccedilla.superior	% 0xE7 231
4004	/egrave.superior	% 0xE8 232
4005	/eacute.superior	% 0xE9 233
4006	/ecircumflex.superior	% 0xEA 234
4007	/edieresis.superior	% 0xEB 235
4008	/igrave.superior	% 0xEC 236
4009	/iacute.superior	% 0xED 237
4010	/icircumflex.superior	% 0xEE 238
4011	/idieresis.superior	% 0xEF 239
4012	/eth.superior	% 0xF0 240
4013	/ntilde.superior	% 0xF1 241
4014	/ograde.superior	% 0xF2 242
4015	/oacute.superior	% 0xF3 243
4016	/ocircumflex.superior	% 0xF4 244
4017	/otilde.superior	% 0xF5 245
4018	/odieresis.superior	% 0xF6 246
4019	/divide.superior	% 0xF7 247 oe in T1
4020	/oslash.superior	% 0xF8 248
4021	/ugrave.superior	% 0xF9 249
4022	/uacute.superior	% 0xFA 250
4023	/ucircumflex.superior	% 0xFB 251
4024	/udieresis.superior	% 0xFC 252
4025	/yacute.superior	% 0xFD 253
4026	/thorn.superior	% 0xFE 254
4027	/ydieresis.superior	% 0xFF 255 germandbls in T1
4028	] def	

B.2.10 texnansi-ybd2.enctexnansi-ybd2.enc (*script*) Font encoding texnansi-ybd2.

```

4029 /TeXnANSIEncoding-ybd2 [      % now 256 chars follow
4030 /fj                          % 0x00 0 .notdef in texnansi
4031 /Euro                        % 0x01 1 /uni20AC
4032 /ffj                         % 0x02 2 .notdef in texnansi
4033 /wcircumflex                 % 0x03 3 .notdef in texnansi
4034 /fraction                    % 0x04 4
4035 /dotaccent                   % 0x05 5
4036 /hungarumlaut               % 0x06 6
4037 /ogonek                     % 0x07 7
4038 /fl                          % 0x08 8
4039 /Wcircumflex                % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansi
4040 /Ycircumflex                 % 0x0A 10 not used, except boundary char internally
4041 /ff                          % 0x0B 11
4042 /fi                          % 0x0C 12
4043 /ycircumflex                % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansi
4044 /ffi                         % 0x0E 14
4045 /ffl                         % 0x0F 15
4046 /dotlessi                   % 0x10 16
4047 /dotlessj                   % 0x11 17
4048 /grave                       % 0x12 18
4049 /acute                      % 0x13 19
4050 /caron                      % 0x14 20
4051 /breve                      % 0x15 21
4052 /macron                     % 0x16 22
4053 /ring                       % 0x17 23
4054 /cedilla                    % 0x18 24
4055 /germandbls                 % 0x19 25
4056 /ae                         % 0x1A 26
4057 /oe                         % 0x1B 27
4058 /oslash                     % 0x1C 28
4059 /AE                         % 0x1D 29
4060 /OE                         % 0x1E 30
4061 /Oslash                     % 0x1F 31
4062 /space                      % 0x20 32 /suppress in TeX text
4063 /exclam                     % 0x21 33
4064 /quotedbl                   % 0x22 34 /quotedblright in TeX text
4065 /numeralsign                % 0x23 35
4066 /dollar                     % 0x24 36
4067 /percent                    % 0x25 37
4068 /ampersand                  % 0x26 38
4069 /quoteright                 % 0x27 39 /quotesingle in ANSI
4070 /parenleft                  % 0x28 40
4071 /parenright                 % 0x29 41
4072 /asterisk                   % 0x2A 42
4073 /plus                       % 0x2B 43
4074 /comma                     % 0x2C 44
4075 /hyphen                     % 0x2D 45
4076 /period                     % 0x2E 46
4077 /slash                      % 0x2F 47
4078 /zero                       % 0x30 48

```

4079 /one	% 0x31 49
4080 /two	% 0x32 50
4081 /three	% 0x33 51
4082 /four	% 0x34 52
4083 /five	% 0x35 53
4084 /six	% 0x36 54
4085 /seven	% 0x37 55
4086 /eight	% 0x38 56
4087 /nine	% 0x39 57
4088 /colon	% 0x3A 58
4089 /semicolon	% 0x3B 59
4090 /less	% 0x3C 60 /exclamdown in Tex text
4091 /equal	% 0x3D 61
4092 /greater	% 0x3E 62 /questiondown in TeX text
4093 /question	% 0x3F 63
4094 /at	% 0x40 64
4095 /A	% 0x41 65
4096 /B	% 0x42 66
4097 /C	% 0x43 67
4098 /D	% 0x44 68
4099 /E	% 0x45 69
4100 /F	% 0x46 70
4101 /G	% 0x47 71
4102 /H	% 0x48 72
4103 /I	% 0x49 73
4104 /J	% 0x4A 74
4105 /K	% 0x4B 75
4106 /L	% 0x4C 76
4107 /M	% 0x4D 77
4108 /N	% 0x4E 78
4109 /O	% 0x4F 79
4110 /P	% 0x50 80
4111 /Q	% 0x51 81
4112 /R	% 0x52 82
4113 /S	% 0x53 83
4114 /T	% 0x54 84
4115 /U	% 0x55 85
4116 /V	% 0x56 86
4117 /W	% 0x57 87
4118 /X	% 0x58 88
4119 /Y	% 0x59 89
4120 /Z	% 0x5A 90
4121 /bracketleft	% 0x5B 91
4122 /backslash	% 0x5C 92 /quotedblleft in TeX text
4123 /bracketright	% 0x5D 93
4124 /circumflex	% 0x5E 94 /asciicircum in ASCII
4125 /underscore	% 0x5F 95 /dotaccent in TeX text
4126 /quoteleft	% 0x60 96 /grave accent in ANSI
4127 /a	% 0x61 97
4128 /b	% 0x62 98
4129 /c	% 0x63 99
4130 /d	% 0x64 100
4131 /e	% 0x65 101
4132 /f	% 0x66 102
4133 /g	% 0x67 103
4134 /h	% 0x68 104

4 ¹³⁵ /i	% 0x69 105	
4 ¹³⁶ /j	% 0x6A 106	
4 ¹³⁷ /k	% 0x6B 107	
4 ¹³⁸ /l	% 0x6C 108	
4 ¹³⁹ /m	% 0x6D 109	
4 ¹⁴⁰ /n	% 0x6E 110	
4 ¹⁴¹ /o	% 0x6F 111	
4 ¹⁴² /p	% 0x70 112	
4 ¹⁴³ /q	% 0x71 113	
4 ¹⁴⁴ /r	% 0x72 114	
4 ¹⁴⁵ /s	% 0x73 115	
4 ¹⁴⁶ /t	% 0x74 116	
4 ¹⁴⁷ /u	% 0x75 117	
4 ¹⁴⁸ /v	% 0x76 118	
4 ¹⁴⁹ /w	% 0x77 119	
4 ¹⁵⁰ /x	% 0x78 120	
4 ¹⁵¹ /y	% 0x79 121	
4 ¹⁵² /z	% 0x7A 122	
4 ¹⁵³ /braceleft	% 0x7B 123	/endash in TeX text
4 ¹⁵⁴ /bar	% 0x7C 124	/emdash in TeX test
4 ¹⁵⁵ /braceright	% 0x7D 125	/hungarumlaut in TeX text
4 ¹⁵⁶ /tilde	% 0x7E 126	/asciitilde in ASCII
4 ¹⁵⁷ /dieresis	% 0x7F 127	also at 168
4 ¹⁵⁸ /Lslash	% 0x80 128	position is unfortunate, but too late
to fix		
4 ¹⁵⁹ /quotesingle	% 0x81 129	
4 ¹⁶⁰ /quotesinglbase	% 0x82 130	
4 ¹⁶¹ /florin	% 0x83 131	
4 ¹⁶² /quotedblbase	% 0x84 132	
4 ¹⁶³ /ellipsis	% 0x85 133	
4 ¹⁶⁴ /dagger	% 0x86 134	
4 ¹⁶⁵ /daggerdbl	% 0x87 135	
4 ¹⁶⁶ /circumflex	% 0x88 136	
4 ¹⁶⁷ /perthousand	% 0x89 137	
4 ¹⁶⁸ /Scaron	% 0x8A 138	
4 ¹⁶⁹ /guilsinglleft	% 0x8B 139	
4 ¹⁷⁰ /OE	% 0x8C 140	
4 ¹⁷¹ /Zcaron	% 0x8D 141	
4 ¹⁷² /asciicircum	% 0x8E 142	
4 ¹⁷³ /minus	% 0x8F 143	
4 ¹⁷⁴ /lslash	% 0x90 144	
4 ¹⁷⁵ /quoteleft	% 0x91 145	
4 ¹⁷⁶ /quoteright	% 0x92 146	
4 ¹⁷⁷ /quotedblleft	% 0x93 147	
4 ¹⁷⁸ /quotedblright	% 0x94 148	
4 ¹⁷⁹ /bullet	% 0x95 149	
4 ¹⁸⁰ /endash	% 0x96 150	
4 ¹⁸¹ /emdash	% 0x97 151	
4 ¹⁸² /tilde	% 0x98 152	
4 ¹⁸³ /trademark	% 0x99 153	
4 ¹⁸⁴ /scaron	% 0x9A 154	
4 ¹⁸⁵ /guilsinglright	% 0x9B 155	
4 ¹⁸⁶ /oe	% 0x9C 156	
4 ¹⁸⁷ /zcaron	% 0x9D 157	
4 ¹⁸⁸ /asciitilde	% 0x9E 158	
4 ¹⁸⁹ /Ydieresis	% 0x9F 159	

4190	/nbspace	% 0xA0	160	no break space
4191	/exclamdown	% 0xA1	161	
4192	/cent	% 0xA2	162	
4193	/sterling	% 0xA3	163	
4194	/currency	% 0xA4	164	
4195	/yen	% 0xA5	165	
4196	/brokenbar	% 0xA6	166	
4197	/section	% 0xA7	167	
4198	/dieresis	% 0xA8	168	
4199	/copyright	% 0xA9	169	
4200	/ordfeminine	% 0xAA	170	
4201	/guillemotleft	% 0xAB	171	
4202	/logicalnot	% 0xAC	172	
4203	/sfthyphen	% 0xAD	173	/hyphen (hanging hyphen)
4204	/registered	% 0xAE	174	
4205	/macron	% 0xAF	175	
4206	/degree	% 0xB0	176	
4207	/plusminus	% 0xB1	177	
4208	/two.superior	% 0xB2	178	
4209	/three.superior	% 0xB3	179	
4210	/acute	% 0xB4	180	
4211	/mu	% 0xB5	181	
4212	/paragraph	% 0xB6	182	
4213	/periodcentered	% 0xB7	183	
4214	/cedilla	% 0xB8	184	
4215	/one.superior	% 0xB9	185	
4216	/ordmasculine	% 0xBA	186	
4217	/guillemotright	% 0xBB	187	
4218	/onequarter	% 0xBC	188	
4219	/onehalf	% 0xBD	189	
4220	/threequarters	% 0xBE	190	
4221	/questiondown	% 0xBF	191	
4222	/Agrave	% 0xC0	192	
4223	/Aacute	% 0xC1	193	
4224	/Acircumflex	% 0xC2	194	
4225	/Atilde	% 0xC3	195	
4226	/Adieresis	% 0xC4	196	
4227	/Aring	% 0xC5	197	
4228	/AE	% 0xC6	198	
4229	/Ccedilla	% 0xC7	199	
4230	/Egrave	% 0xC8	200	
4231	/Eacute	% 0xC9	201	
4232	/Ecircumflex	% 0xCA	202	
4233	/Edieresis	% 0xCB	203	
4234	/Igrave	% 0xCC	204	
4235	/Iacute	% 0xCD	205	
4236	/Icircumflex	% 0xCE	206	
4237	/Idieresis	% 0xCF	207	
4238	/Eth	% 0xD0	208	
4239	/Ntilde	% 0xD1	209	
4240	/Ograve	% 0xD2	210	
4241	/Oacute	% 0xD3	211	
4242	/Ocircumflex	% 0xD4	212	
4243	/Otilde	% 0xD5	213	
4244	/Odieresis	% 0xD6	214	
4245	/multiply	% 0xD7	215	OE in T1

```

4246 /Oslash                % 0xD8 216
4247 /Ugrave                % 0xD9 217
4248 /Uacute                % 0xDA 218
4249 /Ucircumflex          % 0xDB 219
4250 /Udieresis             % 0xDC 220
4251 /Yacute                % 0xDD 221
4252 /Thorn                 % 0xDE 222
4253 /germandbls            % 0xDF 223
4254 /agrave                % 0xE0 224
4255 /aacute                % 0xE1 225
4256 /acircumflex          % 0xE2 226
4257 /atilde                % 0xE3 227
4258 /adieresis             % 0xE4 228
4259 /aring                 % 0xE5 229
4260 /ae                    % 0xE6 230
4261 /ccedilla              % 0xE7 231
4262 /egrave                % 0xE8 232
4263 /eacute                % 0xE9 233
4264 /ecircumflex           % 0xEA 234
4265 /edieresis             % 0xEB 235
4266 /igrave                % 0xEC 236
4267 /iacute                % 0xED 237
4268 /icircumflex           % 0xEE 238
4269 /idieresis             % 0xEF 239
4270 /eth                   % 0xF0 240
4271 /ntilde                % 0xF1 241
4272 /ograve                % 0xF2 242
4273 /oacute                % 0xF3 243
4274 /ocircumflex           % 0xF4 244
4275 /otilde                % 0xF5 245
4276 /odieresis             % 0xF6 246
4277 /divide                 % 0xF7 247 oe in T1
4278 /oslash                % 0xF8 248
4279 /ugrave                % 0xF9 249
4280 /uacute                % 0xFA 250
4281 /ucircumflex           % 0xFB 251
4282 /udieresis             % 0xFC 252
4283 /yacute                % 0xFD 253
4284 /thorn                  % 0xFE 254
4285 /ydieresis             % 0xFF 255 germandbls in T1
4286 ] def

```

B.2.11 texnansi-ybd2j.enc

texnansi-ybd2j.enc (script) Font encoding texnansi-ybd2j.

```

4287 /TeXnANSIEncoding-ybd2j [ % now 256 chars follow
4288 /fj                        % 0x00 0 .notdef in texnansi
4289 /Euro.oldstyle             % 0x01 1 /uni20AC
4290 /ffj                        % 0x02 2 .notdef in texnansi
4291 /wcircumflex                % 0x03 3 .notdef in texnansi
4292 /fraction                   % 0x04 4
4293 /dotaccent                  % 0x05 5
4294 /hungarumlaut              % 0x06 6
4295 /ogonek                    % 0x07 7

```

```

4296 /fl % 0x08 8
4297 /Wcircumflex % 0x09 9 /fraction at 4, backward compatibility
only; .notdef in texnansi
4298 /Ycircumflex % 0x0A 10 not used, except boundary char internally
4299 /ff % 0x0B 11
4300 /fi % 0x0C 12
4301 /ycircumflex % 0x0D 13 /fl at 8, backward compatibility only;
.notdef in texnansi
4302 /ffi % 0x0E 14
4303 /ffl % 0x0F 15
4304 /dotlessi % 0x10 16
4305 /dotlessj % 0x11 17
4306 /grave % 0x12 18
4307 /acute % 0x13 19
4308 /caron % 0x14 20
4309 /breve % 0x15 21
4310 /macron % 0x16 22
4311 /ring % 0x17 23
4312 /cedilla % 0x18 24
4313 /germandbls % 0x19 25
4314 /ae % 0x1A 26
4315 /oe % 0x1B 27
4316 /oslash % 0x1C 28
4317 /AE % 0x1D 29
4318 /OE % 0x1E 30
4319 /Oslash % 0x1F 31
4320 /space % 0x20 32 /suppress in TeX text
4321 /exclam % 0x21 33
4322 /quotedbl % 0x22 34 /quotedblright in TeX text
4323 /numbersign.oldstyle % 0x23 35
4324 /dollar.oldstyle % 0x24 36
4325 /percent.oldstyle % 0x25 37
4326 /ampersand % 0x26 38
4327 /quoteright % 0x27 39 /quotesingle in ANSI
4328 /parenleft % 0x28 40
4329 /parenright % 0x29 41
4330 /asterisk % 0x2A 42
4331 /plus % 0x2B 43
4332 /comma % 0x2C 44
4333 /hyphen % 0x2D 45
4334 /period % 0x2E 46
4335 /slash % 0x2F 47
4336 /zero.oldstyle % 0x30 48
4337 /one.oldstyle % 0x31 49
4338 /two.oldstyle % 0x32 50
4339 /three.oldstyle % 0x33 51
4340 /four.oldstyle % 0x34 52
4341 /five.oldstyle % 0x35 53
4342 /six.oldstyle % 0x36 54
4343 /seven.oldstyle % 0x37 55
4344 /eight.oldstyle % 0x38 56
4345 /nine.oldstyle % 0x39 57
4346 /colon % 0x3A 58
4347 /semicolon % 0x3B 59
4348 /less % 0x3C 60 /exclamdown in Tex text
4349 /equal % 0x3D 61

```

435 ^o /greater	% 0x3E 62 /questiondown in TeX text
435 ¹ /question	% 0x3F 63
435 ² /at	% 0x40 64
435 ³ /A	% 0x41 65
435 ⁴ /B	% 0x42 66
435 ⁵ /C	% 0x43 67
435 ⁶ /D	% 0x44 68
435 ⁷ /E	% 0x45 69
435 ⁸ /F	% 0x46 70
435 ⁹ /G	% 0x47 71
436 ^o /H	% 0x48 72
436 ¹ /I	% 0x49 73
436 ² /J	% 0x4A 74
436 ³ /K	% 0x4B 75
436 ⁴ /L	% 0x4C 76
436 ⁵ /M	% 0x4D 77
436 ⁶ /N	% 0x4E 78
436 ⁷ /O	% 0x4F 79
436 ⁸ /P	% 0x50 80
436 ⁹ /Q	% 0x51 81
437 ^o /R	% 0x52 82
437 ¹ /S	% 0x53 83
437 ² /T	% 0x54 84
437 ³ /U	% 0x55 85
437 ⁴ /V	% 0x56 86
437 ⁵ /W	% 0x57 87
437 ⁶ /X	% 0x58 88
437 ⁷ /Y	% 0x59 89
437 ⁸ /Z	% 0x5A 90
437 ⁹ /bracketleft	% 0x5B 91
438 ^o /backslash	% 0x5C 92 /quotedblleft in TeX text
438 ¹ /bracketright	% 0x5D 93
438 ² /circumflex	% 0x5E 94 /asciicircum in ASCII
438 ³ /underscore	% 0x5F 95 /dotaccent in TeX text
438 ⁴ /quoteleft	% 0x60 96 /grave accent in ANSI
438 ⁵ /a	% 0x61 97
438 ⁶ /b	% 0x62 98
438 ⁷ /c	% 0x63 99
438 ⁸ /d	% 0x64 100
438 ⁹ /e	% 0x65 101
439 ^o /f	% 0x66 102
439 ¹ /g	% 0x67 103
439 ² /h	% 0x68 104
439 ³ /i	% 0x69 105
439 ⁴ /j	% 0x6A 106
439 ⁵ /k	% 0x6B 107
439 ⁶ /l	% 0x6C 108
439 ⁷ /m	% 0x6D 109
439 ⁸ /n	% 0x6E 110
439 ⁹ /o	% 0x6F 111
440 ^o /p	% 0x70 112
440 ¹ /q	% 0x71 113
440 ² /r	% 0x72 114
440 ³ /s	% 0x73 115
440 ⁴ /t	% 0x74 116
440 ⁵ /u	% 0x75 117

4406	/v	% 0x76	118
4407	/w	% 0x77	119
4408	/x	% 0x78	120
4409	/y	% 0x79	121
4410	/z	% 0x7A	122
4411	/braceleft	% 0x7B	123 /endash in TeX text
4412	/bar	% 0x7C	124 /emdash in TeX test
4413	/braceright	% 0x7D	125 /hungarumlaut in TeX text
4414	/tilde	% 0x7E	126 /asciitilde in ASCII
4415	/dieresis	% 0x7F	127 also at 168
4416	/Lslash	% 0x80	128 position is unfortunate, but too late to fix
4417	/quotesingle	% 0x81	129
4418	/quotesinglbase	% 0x82	130
4419	/florin	% 0x83	131
4420	/quotedblbase	% 0x84	132
4421	/ellipsis	% 0x85	133
4422	/dagger	% 0x86	134
4423	/daggerdbl	% 0x87	135
4424	/circumflex	% 0x88	136
4425	/perthousand.oldstyle	% 0x89	137
4426	/Scaron	% 0x8A	138
4427	/guilsinglleft	% 0x8B	139
4428	/OE	% 0x8C	140
4429	/Zcaron	% 0x8D	141
4430	/asciicircum	% 0x8E	142
4431	/minus	% 0x8F	143
4432	/lslash	% 0x90	144
4433	/quoteleft	% 0x91	145
4434	/quoteright	% 0x92	146
4435	/quotedblleft	% 0x93	147
4436	/quotedblright	% 0x94	148
4437	/bullet	% 0x95	149
4438	/endash	% 0x96	150
4439	/emdash	% 0x97	151
4440	/tilde	% 0x98	152
4441	/trademark	% 0x99	153
4442	/scaron	% 0x9A	154
4443	/guilsinglright	% 0x9B	155
4444	/oe	% 0x9C	156
4445	/zcaron	% 0x9D	157
4446	/asciitilde	% 0x9E	158
4447	/Ydieresis	% 0x9F	159
4448	/nbsp	% 0xA0	160 no break space
4449	/exclamdown	% 0xA1	161
4450	/cent.oldstyle	% 0xA2	162
4451	/sterling.oldstyle	% 0xA3	163
4452	/currency	% 0xA4	164
4453	/yen.oldstyle	% 0xA5	165
4454	/brokenbar	% 0xA6	166
4455	/section	% 0xA7	167
4456	/dieresis	% 0xA8	168
4457	/copyright	% 0xA9	169
4458	/ordfeminine	% 0xAA	170
4459	/guillemotleft	% 0xAB	171
4460	/logicalnot	% 0xAC	172

4461	/sfthyphen	% 0xAD 173	/hyphen (hanging hyphen)
4462	/registered	% 0xAE 174	
4463	/macron	% 0xAF 175	
4464	/degree	% 0xB0 176	
4465	/plusminus	% 0xB1 177	
4466	/two.superior	% 0xB2 178	
4467	/three.superior	% 0xB3 179	
4468	/acute	% 0xB4 180	
4469	/mu	% 0xB5 181	
4470	/paragraph	% 0xB6 182	
4471	/periodcentered	% 0xB7 183	
4472	/cedilla	% 0xB8 184	
4473	/one.superior	% 0xB9 185	
4474	/ordmasculine	% 0xBA 186	
4475	/guillemotright	% 0xBB 187	
4476	/onequarter	% 0xBC 188	
4477	/onehalf	% 0xBD 189	
4478	/threequarters	% 0xBE 190	
4479	/questiondown	% 0xBF 191	
4480	/Agrave	% 0xC0 192	
4481	/Aacute	% 0xC1 193	
4482	/Acircumflex	% 0xC2 194	
4483	/Atilde	% 0xC3 195	
4484	/Adieresis	% 0xC4 196	
4485	/Aring	% 0xC5 197	
4486	/AE	% 0xC6 198	
4487	/Ccedilla	% 0xC7 199	
4488	/Egrave	% 0xC8 200	
4489	/Eacute	% 0xC9 201	
4490	/Ecircumflex	% 0xCA 202	
4491	/Edieresis	% 0xCB 203	
4492	/Igrave	% 0xCC 204	
4493	/Iacute	% 0xCD 205	
4494	/Icircumflex	% 0xCE 206	
4495	/Idieresis	% 0xCF 207	
4496	/Eth	% 0xD0 208	
4497	/Ntilde	% 0xD1 209	
4498	/Ograve	% 0xD2 210	
4499	/Oacute	% 0xD3 211	
4500	/Ocircumflex	% 0xD4 212	
4501	/Otilde	% 0xD5 213	
4502	/Odieresis	% 0xD6 214	
4503	/multiply	% 0xD7 215	OE in T1
4504	/Oslash	% 0xD8 216	
4505	/Ugrave	% 0xD9 217	
4506	/Uacute	% 0xDA 218	
4507	/Ucircumflex	% 0xDB 219	
4508	/Udieresis	% 0xDC 220	
4509	/Yacute	% 0xDD 221	
4510	/Thorn	% 0xDE 222	
4511	/germandbls	% 0xDF 223	
4512	/agrave	% 0xE0 224	
4513	/aacute	% 0xE1 225	
4514	/acircumflex	% 0xE2 226	
4515	/atilde	% 0xE3 227	
4516	/adieresis	% 0xE4 228	

```

4517 /aring % 0xE5 229
4518 /ae % 0xE6 230
4519 /ccedilla % 0xE7 231
4520 /egrave % 0xE8 232
4521 /eacute % 0xE9 233
4522 /ecircumflex % 0xEA 234
4523 /edieresis % 0xEB 235
4524 /igrave % 0xEC 236
4525 /iacute % 0xED 237
4526 /icircumflex % 0xEE 238
4527 /idieresis % 0xEF 239
4528 /eth % 0xF0 240
4529 /ntilde % 0xF1 241
4530 /ograve % 0xF2 242
4531 /oacute % 0xF3 243
4532 /ocircumflex % 0xF4 244
4533 /otilde % 0xF5 245
4534 /odieresis % 0xF6 246
4535 /divide % 0xF7 247 oe in T1
4536 /oslash % 0xF8 248
4537 /ugrave % 0xF9 249
4538 /uacute % 0xFA 250
4539 /ucircumflex % 0xFB 251
4540 /udieresis % 0xFC 252
4541 /yacute % 0xFD 253
4542 /thorn % 0xFE 254
4543 /ydieresis % 0xFF 255 germandbls in T1
4544 ] def

```

B.2.12 texnansi-ybdj.enc

texnansi-ybdj.enc (*script*) Font encoding texnansi-ybdj.

```

4545 /TeXnANSIEncoding-ybdj [ % now 256 chars follow
4546 /fj % 0x00 0 .notdef in texnansi
4547 /Euro.taboldstyle % 0x01 1 /uni20AC
4548 /ffj % 0x02 2 .notdef in texnansi
4549 /wcircumflex % 0x03 3 .notdef in texnansi
4550 /fraction % 0x04 4
4551 /dotaccent % 0x05 5
4552 /hungarumlaut % 0x06 6
4553 /ogonek % 0x07 7
4554 /fl % 0x08 8
4555 /Wcircumflex % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansi
4556 /Ycircumflex % 0x0A 10 not used, except boundary char internally
4557 /ff % 0x0B 11
4558 /fi % 0x0C 12
4559 /ycircumflex % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansi
4560 /ffi % 0x0E 14
4561 /ffl % 0x0F 15
4562 /dotlessi % 0x10 16
4563 /dotlessj % 0x11 17
4564 /grave % 0x12 18

```

4565	/acute	% 0x13	19
4566	/caron	% 0x14	20
4567	/breve	% 0x15	21
4568	/macron	% 0x16	22
4569	/ring	% 0x17	23
4570	/cedilla	% 0x18	24
4571	/germandbls	% 0x19	25
4572	/ae	% 0x1A	26
4573	/oe	% 0x1B	27
4574	/oslash	% 0x1C	28
4575	/AE	% 0x1D	29
4576	/OE	% 0x1E	30
4577	/Oslash	% 0x1F	31
4578	/space	% 0x20	32 /suppress in TeX text
4579	/exclam	% 0x21	33
4580	/quotedbl	% 0x22	34 /quotedblright in TeX text
4581	/numbersign.taboldstyle	% 0x23	35
4582	/dollar.taboldstyle	% 0x24	36
4583	/percent.taboldstyle	% 0x25	37
4584	/ampersand	% 0x26	38
4585	/quoteright	% 0x27	39 /quotesingle in ANSI
4586	/parenleft	% 0x28	40
4587	/parenright	% 0x29	41
4588	/asterisk	% 0x2A	42
4589	/plus	% 0x2B	43
4590	/comma	% 0x2C	44
4591	/hyphen	% 0x2D	45
4592	/period	% 0x2E	46
4593	/slash	% 0x2F	47
4594	/zero.taboldstyle	% 0x30	48
4595	/one.taboldstyle	% 0x31	49
4596	/two.taboldstyle	% 0x32	50
4597	/three.taboldstyle	% 0x33	51
4598	/four.taboldstyle	% 0x34	52
4599	/five.taboldstyle	% 0x35	53
4600	/six.taboldstyle	% 0x36	54
4601	/seven.taboldstyle	% 0x37	55
4602	/eight.taboldstyle	% 0x38	56
4603	/nine.taboldstyle	% 0x39	57
4604	/colon	% 0x3A	58
4605	/semicolon	% 0x3B	59
4606	/less	% 0x3C	60 /exclamdown in Tex text
4607	/equal	% 0x3D	61
4608	/greater	% 0x3E	62 /questiondown in TeX text
4609	/question	% 0x3F	63
4610	/at	% 0x40	64
4611	/A	% 0x41	65
4612	/B	% 0x42	66
4613	/C	% 0x43	67
4614	/D	% 0x44	68
4615	/E	% 0x45	69
4616	/F	% 0x46	70
4617	/G	% 0x47	71
4618	/H	% 0x48	72
4619	/I	% 0x49	73
4620	/J	% 0x4A	74

4621 /K	% 0x4B 75
4622 /L	% 0x4C 76
4623 /M	% 0x4D 77
4624 /N	% 0x4E 78
4625 /O	% 0x4F 79
4626 /P	% 0x50 80
4627 /Q	% 0x51 81
4628 /R	% 0x52 82
4629 /S	% 0x53 83
4630 /T	% 0x54 84
4631 /U	% 0x55 85
4632 /V	% 0x56 86
4633 /W	% 0x57 87
4634 /X	% 0x58 88
4635 /Y	% 0x59 89
4636 /Z	% 0x5A 90
4637 /bracketleft	% 0x5B 91
4638 /backslash	% 0x5C 92 /quotedblleft in TeX text
4639 /bracketright	% 0x5D 93
4640 /circumflex	% 0x5E 94 /asciicircum in ASCII
4641 /underscore	% 0x5F 95 /dotaccent in TeX text
4642 /quoteleft	% 0x60 96 /grave accent in ANSI
4643 /a	% 0x61 97
4644 /b	% 0x62 98
4645 /c	% 0x63 99
4646 /d	% 0x64 100
4647 /e	% 0x65 101
4648 /f	% 0x66 102
4649 /g	% 0x67 103
4650 /h	% 0x68 104
4651 /i	% 0x69 105
4652 /j	% 0x6A 106
4653 /k	% 0x6B 107
4654 /l	% 0x6C 108
4655 /m	% 0x6D 109
4656 /n	% 0x6E 110
4657 /o	% 0x6F 111
4658 /p	% 0x70 112
4659 /q	% 0x71 113
4660 /r	% 0x72 114
4661 /s	% 0x73 115
4662 /t	% 0x74 116
4663 /u	% 0x75 117
4664 /v	% 0x76 118
4665 /w	% 0x77 119
4666 /x	% 0x78 120
4667 /y	% 0x79 121
4668 /z	% 0x7A 122
4669 /braceleft	% 0x7B 123 /endash in TeX text
4670 /bar	% 0x7C 124 /emdash in TeX text
4671 /braceright	% 0x7D 125 /hungarumlaut in TeX text
4672 /tilde	% 0x7E 126 /asciitilde in ASCII
4673 /dieresis	% 0x7F 127 also at 168
4674 /Lslash	% 0x80 128 position is unfortunate, but too late to fix
4675 /quotesingle	% 0x81 129

4676	/quotesinglbase	% 0x82	130	
4677	/florin	% 0x83	131	
4678	/quotedblbase	% 0x84	132	
4679	/ellipsis	% 0x85	133	
4680	/dagger	% 0x86	134	
4681	/daggerdbl	% 0x87	135	
4682	/circumflex	% 0x88	136	
4683	/perthousand.taboldstyle	% 0x89	137	
4684	/Scaron	% 0x8A	138	
4685	/guilsinglleft	% 0x8B	139	
4686	/OE	% 0x8C	140	
4687	/Zcaron	% 0x8D	141	
4688	/asciicircum	% 0x8E	142	
4689	/minus	% 0x8F	143	
4690	/lslash	% 0x90	144	
4691	/quoteleft	% 0x91	145	
4692	/quoteright	% 0x92	146	
4693	/quotedblleft	% 0x93	147	
4694	/quotedblright	% 0x94	148	
4695	/bullet	% 0x95	149	
4696	/endash	% 0x96	150	
4697	/emdash	% 0x97	151	
4698	/tilde	% 0x98	152	
4699	/trademark	% 0x99	153	
4700	/scaron	% 0x9A	154	
4701	/guilsinglright	% 0x9B	155	
4702	/oe	% 0x9C	156	
4703	/zcaron	% 0x9D	157	
4704	/asciitilde	% 0x9E	158	
4705	/Ydieresis	% 0x9F	159	
4706	/nbsp	% 0xA0	160	no break space
4707	/exclamdown	% 0xA1	161	
4708	/cent.taboldstyle	% 0xA2	162	
4709	/sterling.taboldstyle	% 0xA3	163	
4710	/currency	% 0xA4	164	
4711	/yen.taboldstyle	% 0xA5	165	
4712	/brokenbar	% 0xA6	166	
4713	/section	% 0xA7	167	
4714	/dieresis	% 0xA8	168	
4715	/copyright	% 0xA9	169	
4716	/ordfeminine	% 0xAA	170	
4717	/guillemotleft	% 0xAB	171	
4718	/logicalnot	% 0xAC	172	
4719	/sfthyphen	% 0xAD	173	/hyphen (hanging hyphen)
4720	/registered	% 0xAE	174	
4721	/macron	% 0xAF	175	
4722	/degree	% 0xB0	176	
4723	/plusminus	% 0xB1	177	
4724	/two.superior	% 0xB2	178	
4725	/three.superior	% 0xB3	179	
4726	/acute	% 0xB4	180	
4727	/mu	% 0xB5	181	
4728	/paragraph	% 0xB6	182	
4729	/periodcentered	% 0xB7	183	
4730	/cedilla	% 0xB8	184	
4731	/one.superior	% 0xB9	185	

473 ²	/ordmasculine	% 0xBA	186	
473 ³	/guillemotright	% 0xBB	187	
473 ⁴	/onequarter	% 0xBC	188	
473 ⁵	/onehalf	% 0xBD	189	
473 ⁶	/threequarters	% 0xBE	190	
473 ⁷	/questiondown	% 0xBF	191	
473 ⁸	/Agrave	% 0xC0	192	
473 ⁹	/Aacute	% 0xC1	193	
474 ⁰	/Acircumflex	% 0xC2	194	
474 ¹	/Atilde	% 0xC3	195	
474 ²	/Adieresis	% 0xC4	196	
474 ³	/Aring	% 0xC5	197	
474 ⁴	/AE	% 0xC6	198	
474 ⁵	/Ccedilla	% 0xC7	199	
474 ⁶	/Egrave	% 0xC8	200	
474 ⁷	/Eacute	% 0xC9	201	
474 ⁸	/Ecircumflex	% 0xCA	202	
474 ⁹	/Edieresis	% 0xCB	203	
475 ⁰	/Igrave	% 0xCC	204	
475 ¹	/Iacute	% 0xCD	205	
475 ²	/Icircumflex	% 0xCE	206	
475 ³	/Idieresis	% 0xCF	207	
475 ⁴	/Eth	% 0xD0	208	
475 ⁵	/Ntilde	% 0xD1	209	
475 ⁶	/Ograve	% 0xD2	210	
475 ⁷	/Oacute	% 0xD3	211	
475 ⁸	/Ocircumflex	% 0xD4	212	
475 ⁹	/Otilde	% 0xD5	213	
476 ⁰	/Odieresis	% 0xD6	214	
476 ¹	/multiply	% 0xD7	215	OE in T1
476 ²	/Oslash	% 0xD8	216	
476 ³	/Ugrave	% 0xD9	217	
476 ⁴	/Uacute	% 0xDA	218	
476 ⁵	/Ucircumflex	% 0xDB	219	
476 ⁶	/Udieresis	% 0xDC	220	
476 ⁷	/Yacute	% 0xDD	221	
476 ⁸	/Thorn	% 0xDE	222	
476 ⁹	/germandbls	% 0xDF	223	
477 ⁰	/agrave	% 0xE0	224	
477 ¹	/aacute	% 0xE1	225	
477 ²	/acircumflex	% 0xE2	226	
477 ³	/atilde	% 0xE3	227	
477 ⁴	/adieresis	% 0xE4	228	
477 ⁵	/aring	% 0xE5	229	
477 ⁶	/ae	% 0xE6	230	
477 ⁷	/ccedilla	% 0xE7	231	
477 ⁸	/egrave	% 0xE8	232	
477 ⁹	/eacute	% 0xE9	233	
478 ⁰	/ecircumflex	% 0xEA	234	
478 ¹	/edieresis	% 0xEB	235	
478 ²	/igrave	% 0xEC	236	
478 ³	/iacute	% 0xED	237	
478 ⁴	/icircumflex	% 0xEE	238	
478 ⁵	/idieresis	% 0xEF	239	
478 ⁶	/eth	% 0xF0	240	
478 ⁷	/ntilde	% 0xF1	241	

```

4788 /ograve          % 0xF2 242
4789 /oacute          % 0xF3 243
4790 /ocircumflex     % 0xF4 244
4791 /otilde          % 0xF5 245
4792 /odieresis       % 0xF6 246
4793 /divide          % 0xF7 247 oe in T1
4794 /oslash          % 0xF8 248
4795 /ugrave          % 0xF9 249
4796 /uacute          % 0xFA 250
4797 /ucircumflex     % 0xFB 251
4798 /udieresis       % 0xFC 252
4799 /yacute          % 0xFD 253
4800 /thorn           % 0xFE 254
4801 /ydieresis       % 0xFF 255 germandbls in T1
4802 ] def

```

B.2.13 texnansx-ybd2jw.enc

texnansx-ybd2jw.enc (*script*) Font encoding texnansx-ybd2jw.

```

4803 /TeXnANSIEncoding-ybd2jw [
4804 /fj                % 0x00 0 .notdef in texnansx
4805 /Euro.oldstyle    % /uni20AC 1
4806 /ffj              % 0x02 2 .notdef in texnansx
4807 /wcircumflex      % 0x03 3 .notdef in texnansx
4808 /fraction % 4
4809 /dotaccent % 5
4810 /hungarumlaut % 6
4811 /ogonek % 7
4812 /fl % 8
4813 /Wcircumflex      % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansx
4814 /Ycircumflex % 10 not used, except boundary char internally maybe
4815 /ff % 11
4816 /fi % 12
4817 /ycircumflex      % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansx
4818 /ffi % 14
4819 /ffl % 15
4820 /dotlessi % 16
4821 /dotlessj % 17
4822 /grave % 18
4823 /acute % 19
4824 /caron % 20
4825 /breve % 21
4826 /macron % 22
4827 /ring % 23
4828 /cedilla % 24
4829 /germandbls % 25
4830 /tt % /ae % 26
4831 /oe % 27
4832 /ch % /oslash % 28
4833 /fft % /AE % 29
4834 /OE % 30
4835 /ft % /Oslash % 31

```

```
4836 /space % 32 % /suppress in TeX text
4837 /exclam % 33
4838 /quotedbl % 34 % /quotedblright in TeX text
4839 /numbersign.oldstyle % 35
4840 /dollar.oldstyle % 36
4841 /percent.oldstyle % 37
4842 /ampersand % 38
4843 /quoteright % 39 % /quotesingle in ANSI
4844 /parenleft % 40
4845 /parenright % 41
4846 /asterisk % 42
4847 /plus % 43
4848 /comma % 44
4849 /hyphen % 45
4850 /period % 46
4851 /slash % 47
4852 /zero.oldstyle % 48
4853 /one.oldstyle % 49
4854 /two.oldstyle % 50
4855 /three.oldstyle % 51
4856 /four.oldstyle % 52
4857 /five.oldstyle % 53
4858 /six.oldstyle % 54
4859 /seven.oldstyle % 55
4860 /eight.oldstyle % 56
4861 /nine.oldstyle % 57
4862 /colon % 58
4863 /semicolon % 59
4864 /less % 60 % /exclamdown in TeX text
4865 /equal % 61
4866 /greater % 62 % /questiondown in TeX text
4867 /question % 63
4868 /at % 64
4869 /A % 65
4870 /B % 66
4871 /C % 67
4872 /D % 68
4873 /E % 69
4874 /F % 70
4875 /G % 71
4876 /H % 72
4877 /I % 73
4878 /J % 74
4879 /K % 75
4880 /L % 76
4881 /M % 77
4882 /N % 78
4883 /O % 79
4884 /P % 80
4885 /Q % 81
4886 /R % 82
4887 /S % 83
4888 /T % 84
4889 /U % 85
4890 /V % 86
4891 /W % 87
```

```

4892 /X % 88
4893 /Y % 89
4894 /Z % 90
4895 /bracketleft % 91
4896 /backslash % 92 % /quotedblleft in TeX text
4897 /bracketright % 93
4898 /circumflex % 94 % /asciicircum in ASCII
4899 /underscore % 95 % /dotaccent in TeX text
4900 /quoteleft % 96 % /grave accent in ANSI
4901 /a % 97
4902 /b % 98
4903 /c % 99
4904 /d % 100
4905 /e % 101
4906 /f % 102
4907 /g % 103
4908 /h % 104
4909 /i % 105
4910 /j % 106
4911 /k % 107
4912 /l % 108
4913 /m % 109
4914 /n % 110
4915 /o % 111
4916 /p % 112
4917 /q % 113
4918 /r % 114
4919 /s % 115
4920 /t % 116
4921 /u % 117
4922 /v % 118
4923 /w % 119
4924 /x % 120
4925 /y % 121
4926 /z % 122
4927 /braceleft % 123 % /endash in TeX text
4928 /bar % 124 % /emdash in TeX text
4929 /braceright % 125 % /hungarumlaut in TeX text
4930 /tilde % 126 % /asciitilde in ASCII
4931 /sp % /dieresis % 127
4932 /lslash % 128 this position is unfortunate, but now too late to fix
4933 /quotesingle % 129
4934 /quotesinglbase % 130
4935 /florin % 131
4936 /quotedblbase % 132
4937 /ellipsis % 133
4938 /dagger % 134
4939 /daggerdbl % 135
4940 /ck % /circumflex % 136 % .notdef in texnansx
4941 /perthousand.oldstyle % 137
4942 /Scaron % 138
4943 /guilsinglleft % 139
4944 /cl % /OE % 140 % .notdef in texnansx
4945 /Zcaron % 141
4946 /asciicircum % 142
4947 /minus % 143

```

4948 /lslash % 144
4949 /ct % /quoteleft % 145 % .notdef in texnansx
4950 /sh % /quoteright % 146 % .notdef in texnansx
4951 /quotedblleft % 147
4952 /quotedblright % 148
4953 /bullet % 149
4954 /endash % 150
4955 /emdash % 151
4956 /sk % /tilde % 152 % .notdef in texnansx
4957 /trademark % 153
4958 /scaron % 154
4959 /guilsinglright % 155
4960 /sl % /oe % 156 % .notdef in texnansx
4961 /zcaron % 157
4962 /asciitilde % 158
4963 /Ydieresis % 159
4964 /nbsp % 160 % /space (no break space)
4965 /exclamdown % 161
4966 /cent.oldstyle % 162
4967 /sterling.oldstyle % 163
4968 /currency % 164
4969 /yen.oldstyle % 165
4970 /brokenbar % 166
4971 /section % 167
4972 /dieresis % 168
4973 /copyright % 169
4974 /ordfeminine % 170
4975 /guillemotleft % 171
4976 /logicalnot % 172
4977 /sfthyphen % 173 % /hyphen (hanging hyphen)
4978 /registered % 174
4979 /st % /macron % 175 % .notdef in texnansx
4980 /degree % 176
4981 /plusminus % 177
4982 /two.superior % 178
4983 /three.superior % 179
4984 /Qalt % /acute % 180 % .notdef in texnansx
4985 /mu % 181
4986 /paragraph % 182
4987 /periodcentered % 183
4988 /.notdef % /cedilla % 184
4989 /one.superior % 185
4990 /ordmasculine % 186
4991 /guillemotright % 187
4992 /onequarter % 188
4993 /onehalf % 189
4994 /threequarters % 190
4995 /questiondown % 191
4996 /Agrave % 192
4997 /Aacute % 193
4998 /Acircumflex % 194
4999 /Atilde % 195
5000 /Adieresis % 196
5001 /Aring % 197
5002 /AE % 198
5003 /Ccedilla % 199

5004 /Egrave % 200
5005 /Eacute % 201
5006 /Ecircumflex % 202
5007 /Edieresis % 203
5008 /Igrave % 204
5009 /Iacute % 205
5010 /Icircumflex % 206
5011 /Idieresis % 207
5012 /Eth % 208
5013 /Ntilde % 209
5014 /Ograve % 210
5015 /Oacute % 211
5016 /Ocircumflex % 212
5017 /Otilde % 213
5018 /Odieresis % 214
5019 /multiply % 215 % OE in T1
5020 /Oslash % 216
5021 /Ugrave % 217
5022 /Uacute % 218
5023 /Ucircumflex % 219
5024 /Udieresis % 220
5025 /Yacute % 221
5026 /Thorn % 222
5027 /.notdef % /germandbls % 223 % .notdef in texnansx
5028 /agrave % 224
5029 /aacute % 225
5030 /acircumflex % 226
5031 /atilde % 227
5032 /adieresis % 228
5033 /aring % 229
5034 /ae % 230
5035 /ccedilla % 231
5036 /egrave % 232
5037 /eacute % 233
5038 /ecircumflex % 234
5039 /edieresis % 235
5040 /igrave % 236
5041 /iacute % 237
5042 /icircumflex % 238
5043 /idieresis % 239
5044 /eth % 240
5045 /ntilde % 241
5046 /ograve % 242
5047 /oacute % 243
5048 /ocircumflex % 244
5049 /otilde % 245
5050 /odieresis % 246
5051 /divide % 247 % oe in T1
5052 /oslash % 248
5053 /ugrave % 249
5054 /uacute % 250
5055 /ucircumflex % 251
5056 /udieresis % 252
5057 /yacute % 253
5058 /thorn % 254
5059 /ydieresis % 255 % germandbls in T1

5060] def

B.2.14 texnansx-ybd2w.enc

texnansx-ybd2w.enc (*script*) Font encoding texnansx-ybd2w.

```

5061 /TeXnANSIEncoding-ybd2w [
5062 /fj                                % 0x00 0 .notdef in texnansx
5063 /Euro % /uni20AC 1
5064 /ffj                                % 0x02 2 .notdef in texnansx
5065 /wcircumflex                        % 0x03 3 .notdef in texnansx
5066 /fraction % 4
5067 /dotaccent % 5
5068 /hungarumlaut % 6
5069 /ogonek % 7
5070 /fl % 8
5071 /Wcircumflex                        % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansx
5072 /Ycircumflex % 10 not used, except boundary char internally maybe
5073 /ff % 11
5074 /fi % 12
5075 /ycircumflex                        % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansx
5076 /ffi % 14
5077 /ffl % 15
5078 /dotlessi % 16
5079 /dotlessj % 17
5080 /grave % 18
5081 /acute % 19
5082 /caron % 20
5083 /breve % 21
5084 /macron % 22
5085 /ring % 23
5086 /cedilla % 24
5087 /germandbls % 25
5088 /tt % /ae % 26
5089 /oe % 27
5090 /ch % /oslash % 28
5091 /fft % /AE % 29
5092 /OE % 30
5093 /ft % /Oslash % 31
5094 /space % 32 % /suppress in TeX text
5095 /exclam % 33
5096 /quotedbl % 34 % /quotedblright in TeX text
5097 /numbersign % 35
5098 /dollar % 36
5099 /percent % 37
5100 /ampersand % 38
5101 /quoteright % 39 % /quotesingle in ANSI
5102 /parenleft % 40
5103 /parenright % 41
5104 /asterisk % 42
5105 /plus % 43
5106 /comma % 44
5107 /hyphen % 45

```

```
5108 /period % 46
5109 /slash % 47
5110 /zero % 48
5111 /one % 49
5112 /two % 50
5113 /three % 51
5114 /four % 52
5115 /five % 53
5116 /six % 54
5117 /seven % 55
5118 /eight % 56
5119 /nine % 57
5120 /colon % 58
5121 /semicolon % 59
5122 /less % 60 % /exclamdown in Tex text
5123 /equal % 61
5124 /greater % 62 % /questiondown in TeX text
5125 /question % 63
5126 /at % 64
5127 /A % 65
5128 /B % 66
5129 /C % 67
5130 /D % 68
5131 /E % 69
5132 /F % 70
5133 /G % 71
5134 /H % 72
5135 /I % 73
5136 /J % 74
5137 /K % 75
5138 /L % 76
5139 /M % 77
5140 /N % 78
5141 /O % 79
5142 /P % 80
5143 /Q % 81
5144 /R % 82
5145 /S % 83
5146 /T % 84
5147 /U % 85
5148 /V % 86
5149 /W % 87
5150 /X % 88
5151 /Y % 89
5152 /Z % 90
5153 /bracketleft % 91
5154 /backslash % 92 % /quotedblleft in TeX text
5155 /bracketright % 93
5156 /circumflex % 94 % /asciicircum in ASCII
5157 /underscore % 95 % /dotaccent in TeX text
5158 /quoteleft % 96 % /grave accent in ANSI
5159 /a % 97
5160 /b % 98
5161 /c % 99
5162 /d % 100
5163 /e % 101
```

```

5164 /f % 102
5165 /g % 103
5166 /h % 104
5167 /i % 105
5168 /j % 106
5169 /k % 107
5170 /l % 108
5171 /m % 109
5172 /n % 110
5173 /o % 111
5174 /p % 112
5175 /q % 113
5176 /r % 114
5177 /s % 115
5178 /t % 116
5179 /u % 117
5180 /v % 118
5181 /w % 119
5182 /x % 120
5183 /y % 121
5184 /z % 122
5185 /braceleft % 123 % /endash in TeX text
5186 /bar % 124 % /emdash in TeX test
5187 /braceright % 125 % /hungarumlaut in TeX text
5188 /tilde % 126 % /asciitilde in ASCII
5189 /sp % /dieresis % 127
5190 /Lslash % 128 this position is unfortunate, but now too late to fix
5191 /quotesingle % 129
5192 /quotessinglbase % 130
5193 /florin % 131
5194 /quotedblbase % 132
5195 /ellipsis % 133
5196 /dagger % 134
5197 /daggerdbl % 135
5198 /ck % /circumflex % 136 % .notdef in texnansx
5199 /perthousand % 137
5200 /Scaron % 138
5201 /guilsinglleft % 139
5202 /cl % /OE % 140 % .notdef in texnansx
5203 /Zcaron % 141
5204 /asciicircum % 142
5205 /minus % 143
5206 /lslash % 144
5207 /ct % /quoteleft % 145 % .notdef in texnansx
5208 /sh % /quoteright % 146 % .notdef in texnansx
5209 /quotedblleft % 147
5210 /quotedblright % 148
5211 /bullet % 149
5212 /endash % 150
5213 /emdash % 151
5214 /sk % /tilde % 152 % .notdef in texnansx
5215 /trademark % 153
5216 /scaron % 154
5217 /guilsinglright % 155
5218 /sl % /oe % 156 % .notdef in texnansx
5219 /zcaron % 157

```

```

5220 /asciitilde % 158
5221 /Ydieresis % 159
5222 /nbspace % 160 % /space (no break space)
5223 /exclamdown % 161
5224 /cent % 162
5225 /sterling % 163
5226 /currency % 164
5227 /yen % 165
5228 /brokenbar % 166
5229 /section % 167
5230 /dieresis % 168
5231 /copyright % 169
5232 /ordfeminine % 170
5233 /guillemotleft % 171
5234 /logicalnot % 172
5235 /sfthyphen % 173 % /hyphen (hanging hyphen)
5236 /registered % 174
5237 /st % /macron % 175 % .notdef in texnansx
5238 /degree % 176
5239 /plusminus % 177
5240 /two.superior % 178
5241 /three.superior % 179
5242 /Qalt % /acute % 180 % .notdef in texnansx
5243 /mu % 181
5244 /paragraph % 182
5245 /periodcentered % 183
5246 /zero.slash % /cedilla % 184 % .notdef in texnansx
5247 /one.superior % 185
5248 /ordmasculine % 186
5249 /guillemotright % 187
5250 /onequarter % 188
5251 /onehalf % 189
5252 /threequarters % 190
5253 /questiondown % 191
5254 /Agrave % 192
5255 /Aacute % 193
5256 /Acircumflex % 194
5257 /Atilde % 195
5258 /Adieresis % 196
5259 /Aring % 197
5260 /AE % 198
5261 /Ccedilla % 199
5262 /Egrave % 200
5263 /Eacute % 201
5264 /Ecircumflex % 202
5265 /Edieresis % 203
5266 /Igrave % 204
5267 /Iacute % 205
5268 /Icircumflex % 206
5269 /Idieresis % 207
5270 /Eth % 208
5271 /Ntilde % 209
5272 /Ograve % 210
5273 /Oacute % 211
5274 /Ocircumflex % 212
5275 /Otilde % 213

```

```

5276 /Odieresis % 214
5277 /multiply % 215 % OE in T1
5278 /Oslash % 216
5279 /Ugrave % 217
5280 /Uacute % 218
5281 /Ucircumflex % 219
5282 /Udieresis % 220
5283 /Yacute % 221
5284 /Thorn % 222
5285 /.notdef % /germandbls % 223 % .notdef in texnansx
5286 /agrave % 224
5287 /aacute % 225
5288 /acircumflex % 226
5289 /atilde % 227
5290 /adieresis % 228
5291 /aring % 229
5292 /ae % 230
5293 /ccedilla % 231
5294 /egrave % 232
5295 /eacute % 233
5296 /ecircumflex % 234
5297 /edieresis % 235
5298 /igrave % 236
5299 /iacute % 237
5300 /icircumflex % 238
5301 /idieresis % 239
5302 /eth % 240
5303 /ntilde % 241
5304 /ograve % 242
5305 /oacute % 243
5306 /ocircumflex % 244
5307 /otilde % 245
5308 /odieresis % 246
5309 /divide % 247 % oe in T1
5310 /oslash % 248
5311 /ugrave % 249
5312 /uacute % 250
5313 /ucircumflex % 251
5314 /udieresis % 252
5315 /yacute % 253
5316 /thorn % 254
5317 /ydieresis % 255 % germandbls in T1
5318 ] def

```

B.2.15 texnansx-ybdjw.enc

texnansx-ybdjw.enc (*script*) Font encoding texnansx-ybdjw.

```

5319 /TeXnANSIEncoding-ybdjw [
5320 /fj % 0x00 0 .notdef in texnansx
5321 /Euro.taboldstyle % /uni20AC 1
5322 /ffj % 0x02 2 .notdef in texnansx
5323 /wcircumflex % 0x03 3 .notdef in texnansx
5324 /fraction % 4
5325 /dotaccent % 5

```

```

5326 /hungarumlaut % 6
5327 /ogonek % 7
5328 /fl % 8
5329 /Wcircumflex % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansx
5330 /Ycircumflex % 10 not used, except boundary char internally maybe
5331 /ff % 11
5332 /fi % 12
5333 /ycircumflex % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansx
5334 /ffi % 14
5335 /ffl % 15
5336 /dotlessi % 16
5337 /dotlessj % 17
5338 /grave % 18
5339 /acute % 19
5340 /caron % 20
5341 /breve % 21
5342 /macron % 22
5343 /ring % 23
5344 /cedilla % 24
5345 /germandbls % 25
5346 /tt % /ae % 26
5347 /oe % 27
5348 /ch % /oslash % 28
5349 /fft % /AE % 29
5350 /OE % 30
5351 /ft % /Oslash % 31
5352 /space % 32 % /suppress in TeX text
5353 /exclam % 33
5354 /quotedbl % 34 % /quotedblright in TeX text
5355 /numbersign.taboldstyle % 35
5356 /dollar.taboldstyle % 36
5357 /percent.taboldstyle % 37
5358 /ampersand % 38
5359 /quoteright % 39 % /quotesingle in ANSI
5360 /parenleft % 40
5361 /parenright % 41
5362 /asterisk % 42
5363 /plus % 43
5364 /comma % 44
5365 /hyphen % 45
5366 /period % 46
5367 /slash % 47
5368 /zero.taboldstyle % 48
5369 /one.taboldstyle % 49
5370 /two.taboldstyle % 50
5371 /three.taboldstyle % 51
5372 /four.taboldstyle % 52
5373 /five.taboldstyle % 53
5374 /six.taboldstyle % 54
5375 /seven.taboldstyle % 55
5376 /eight.taboldstyle % 56
5377 /nine.taboldstyle % 57
5378 /colon % 58
5379 /semicolon % 59

```

```

5380 /less % 60 % /exclamdown in Tex text
5381 /equal % 61
5382 /greater % 62 % /questiondown in TeX text
5383 /question % 63
5384 /at % 64
5385 /A % 65
5386 /B % 66
5387 /C % 67
5388 /D % 68
5389 /E % 69
5390 /F % 70
5391 /G % 71
5392 /H % 72
5393 /I % 73
5394 /J % 74
5395 /K % 75
5396 /L % 76
5397 /M % 77
5398 /N % 78
5399 /O % 79
5400 /P % 80
5401 /Q % 81
5402 /R % 82
5403 /S % 83
5404 /T % 84
5405 /U % 85
5406 /V % 86
5407 /W % 87
5408 /X % 88
5409 /Y % 89
5410 /Z % 90
5411 /bracketleft % 91
5412 /backslash % 92 % /quotedblleft in TeX text
5413 /bracketright % 93
5414 /circumflex % 94 % /asciicircum in ASCII
5415 /underscore % 95 % /dotaccent in TeX text
5416 /quoteleft % 96 % /grave accent in ANSI
5417 /a % 97
5418 /b % 98
5419 /c % 99
5420 /d % 100
5421 /e % 101
5422 /f % 102
5423 /g % 103
5424 /h % 104
5425 /i % 105
5426 /j % 106
5427 /k % 107
5428 /l % 108
5429 /m % 109
5430 /n % 110
5431 /o % 111
5432 /p % 112
5433 /q % 113
5434 /r % 114
5435 /s % 115

```

5436 /t % 116
5437 /u % 117
5438 /v % 118
5439 /w % 119
5440 /x % 120
5441 /y % 121
5442 /z % 122
5443 /braceleft % 123 % /endash in TeX text
5444 /bar % 124 % /emdash in TeX test
5445 /braceright % 125 % /hungarumlaut in TeX text
5446 /tilde % 126 % /asciitilde in ASCII
5447 /sp % /dieresis % 127
5448 /Lslash % 128 this position is unfortunate, but now too late to fix
5449 /quotesingle % 129
5450 /quotesinglbase % 130
5451 /florin % 131
5452 /quotedblbase % 132
5453 /ellipsis % 133
5454 /dagger % 134
5455 /daggerdbl % 135
5456 /ck % /circumflex % 136 % .notdef in texnansx
5457 /perthousand.taboldstyle % 137
5458 /Scaron % 138
5459 /guilsinglleft % 139
5460 /cl % /OE % 140 % .notdef in texnansx
5461 /Zcaron % 141
5462 /asciicircum % 142
5463 /minus % 143
5464 /lslash % 144
5465 /ct % /quoteleft % 145 % .notdef in texnansx
5466 /sh % /quoteright % 146 % .notdef in texnansx
5467 /quotedblleft % 147
5468 /quotedblright % 148
5469 /bullet % 149
5470 /endash % 150
5471 /emdash % 151
5472 /sk % /tilde % 152 % .notdef in texnansx
5473 /trademark % 153
5474 /scaron % 154
5475 /guilsinglright % 155
5476 /sl % /oe % 156 % .notdef in texnansx
5477 /zcaron % 157
5478 /asciitilde % 158
5479 /Ydieresis % 159
5480 /nbsp % 160 % /space (no break space)
5481 /exclamdown % 161
5482 /cent.taboldstyle % 162
5483 /sterling.taboldstyle % 163
5484 /currency % 164
5485 /yen.taboldstyle % 165
5486 /brokenbar % 166
5487 /section % 167
5488 /dieresis % 168
5489 /copyright % 169
5490 /ordfeminine % 170
5491 /guillemotleft % 171

5492 /logicalnot % 172
5493 /sfthyphen % 173 % /hyphen (hanging hyphen)
5494 /registered % 174
5495 /st % /macron % 175 % .notdef in texnansx
5496 /degree % 176
5497 /plusminus % 177
5498 /two.superior % 178
5499 /three.superior % 179
5500 /Qalt % /acute % 180 % .notdef in texnansx
5501 /mu % 181
5502 /paragraph % 182
5503 /periodcentered % 183
5504 /.notdef % /cedilla % 184
5505 /one.superior % 185
5506 /ordmasculine % 186
5507 /guillemotright % 187
5508 /onequarter % 188
5509 /onehalf % 189
5510 /threequarters % 190
5511 /questiondown % 191
5512 /Agrave % 192
5513 /Aacute % 193
5514 /Acircumflex % 194
5515 /Atilde % 195
5516 /Adieresis % 196
5517 /Aring % 197
5518 /AE % 198
5519 /Ccedilla % 199
5520 /Egrave % 200
5521 /Eacute % 201
5522 /Ecircumflex % 202
5523 /Edieresis % 203
5524 /Igrave % 204
5525 /Iacute % 205
5526 /Icircumflex % 206
5527 /Idieresis % 207
5528 /Eth % 208
5529 /Ntilde % 209
5530 /Ograve % 210
5531 /Oacute % 211
5532 /Ocircumflex % 212
5533 /Otilde % 213
5534 /Odieresis % 214
5535 /multiply % 215 % OE in T1
5536 /Oslash % 216
5537 /Ugrave % 217
5538 /Uacute % 218
5539 /Ucircumflex % 219
5540 /Udieresis % 220
5541 /Yacute % 221
5542 /Thorn % 222
5543 /.notdef % /germandbls % 223 % .notdef in texnansx
5544 /agrave % 224
5545 /aacute % 225
5546 /acircumflex % 226
5547 /atilde % 227

```

5548 /adieresis % 228
5549 /aring % 229
5550 /ae % 230
5551 /ccedilla % 231
5552 /egrave % 232
5553 /eacute % 233
5554 /ecircumflex % 234
5555 /edieresis % 235
5556 /igrave % 236
5557 /iacute % 237
5558 /icircumflex % 238
5559 /idieresis % 239
5560 /eth % 240
5561 /ntilde % 241
5562 /ograve % 242
5563 /oacute % 243
5564 /ocircumflex % 244
5565 /otilde % 245
5566 /odieresis % 246
5567 /divide % 247 % oe in T1
5568 /oslash % 248
5569 /ugrave % 249
5570 /uacute % 250
5571 /ucircumflex % 251
5572 /udieresis % 252
5573 /yacute % 253
5574 /thorn % 254
5575 /ydieresis % 255 % germandbls in T1
5576 ] def

```

B.2.16 texnansx-ybdw.enc

texnansx-ybdw.enc (*script*) Font encoding texnansx-ybdw.

```

5577 /TeXnANSIEncoding-ybdw [
5578 /fj % 0x00 0 .notdef in texnansx
5579 /Euro.fitted % /uni20AC 1
5580 /ffj % 0x02 2 .notdef in texnansx
5581 /wcircumflex % 0x03 3 .notdef in texnansx
5582 /fraction % 4
5583 /dotaccent % 5
5584 /hungarumlaut % 6
5585 /ogonek % 7
5586 /fl % 8
5587 /Wcircumflex % 0x09 9 /fraction at 4, backward compatibility
      only; .notdef in texnansx
5588 /Ycircumflex % 10 not used, except boundary char internally maybe
5589 /ff % 11
5590 /fi % 12
5591 /ycircumflex % 0x0D 13 /fl at 8, backward compatibility only;
      .notdef in texnansx
5592 /ffi % 14
5593 /ffl % 15
5594 /dotlessi % 16
5595 /dotlessj % 17

```

5596 /grave % 18
5597 /acute % 19
5598 /caron % 20
5599 /breve % 21
5600 /macron % 22
5601 /ring % 23
5602 /cedilla % 24
5603 /germandbls % 25
5604 /tt % /ae % 26
5605 /oe % 27
5606 /ch % /oslash % 28
5607 /fft % /AE % 29
5608 /OE % 30
5609 /ft % /Oslash % 31
5610 /space % 32 % /suppress in TeX text
5611 /exclam % 33
5612 /quotedbl % 34 % /quotedblright in TeX text
5613 /numeralsign.fitted % 35
5614 /dollar.fitted % 36
5615 /percent.fitted % 37
5616 /ampersand % 38
5617 /quoteright % 39 % /quotesingle in ANSI
5618 /parenleft % 40
5619 /parenright % 41
5620 /asterisk % 42
5621 /plus % 43
5622 /comma % 44
5623 /hyphen % 45
5624 /period % 46
5625 /slash % 47
5626 /zero.fitted % 48
5627 /one.fitted % 49
5628 /two.fitted % 50
5629 /three.fitted % 51
5630 /four.fitted % 52
5631 /five.fitted % 53
5632 /six.fitted % 54
5633 /seven.fitted % 55
5634 /eight.fitted % 56
5635 /nine.fitted % 57
5636 /colon % 58
5637 /semicolon % 59
5638 /less % 60 % /exclamdown in TeX text
5639 /equal % 61
5640 /greater % 62 % /questiondown in TeX text
5641 /question % 63
5642 /at % 64
5643 /A % 65
5644 /B % 66
5645 /C % 67
5646 /D % 68
5647 /E % 69
5648 /F % 70
5649 /G % 71
5650 /H % 72
5651 /I % 73

```

5652 /J % 74
5653 /K % 75
5654 /L % 76
5655 /M % 77
5656 /N % 78
5657 /O % 79
5658 /P % 80
5659 /Q % 81
5660 /R % 82
5661 /S % 83
5662 /T % 84
5663 /U % 85
5664 /V % 86
5665 /W % 87
5666 /X % 88
5667 /Y % 89
5668 /Z % 90
5669 /bracketleft % 91
5670 /backslash % 92 % /quotedblleft in TeX text
5671 /bracketright % 93
5672 /circumflex % 94 % /asciicircum in ASCII
5673 /underscore % 95 % /dotaccent in TeX text
5674 /quoteleft % 96 % /grave accent in ANSI
5675 /a % 97
5676 /b % 98
5677 /c % 99
5678 /d % 100
5679 /e % 101
5680 /f % 102
5681 /g % 103
5682 /h % 104
5683 /i % 105
5684 /j % 106
5685 /k % 107
5686 /l % 108
5687 /m % 109
5688 /n % 110
5689 /o % 111
5690 /p % 112
5691 /q % 113
5692 /r % 114
5693 /s % 115
5694 /t % 116
5695 /u % 117
5696 /v % 118
5697 /w % 119
5698 /x % 120
5699 /y % 121
5700 /z % 122
5701 /braceleft % 123 % /endash in TeX text
5702 /bar % 124 % /emdash in TeX text
5703 /braceright % 125 % /hungarumlaut in TeX text
5704 /tilde % 126 % /asciitilde in ASCII
5705 /sp % /dieresis % 127
5706 /lslash % 128 this position is unfortunate, but now too late to fix
5707 /quotesingle % 129

```

5708 /quotesinglbase % 130
5709 /florin % 131
5710 /quotedblbase % 132
5711 /ellipsis % 133
5712 /dagger % 134
5713 /daggerdbl % 135
5714 /ck % /circumflex % 136 % .notdef in texnansx
5715 /perthousand % 137
5716 /Scaron % 138
5717 /guilsinglleft % 139
5718 /cl % /OE % 140 % .notdef in texnansx
5719 /Zcaron % 141
5720 /asciicircum % 142
5721 /minus % 143
5722 /lslash % 144
5723 /ct % /quoteleft % 145 % .notdef in texnansx
5724 /sh % /quoteright % 146 % .notdef in texnansx
5725 /quotedblleft % 147
5726 /quotedblright % 148
5727 /bullet % 149
5728 /endash % 150
5729 /emdash % 151
5730 /sk % /tilde % 152 % .notdef in texnansx
5731 /trademark % 153
5732 /scaron % 154
5733 /guilsinglright % 155
5734 /sl % /oe % 156 % .notdef in texnansx
5735 /zcaron % 157
5736 /asciitilde % 158
5737 /Ydieresis % 159
5738 /nbsp % 160 % /space (no break space)
5739 /exclamdown % 161
5740 /cent.fitted % 162
5741 /sterling.fitted % 163
5742 /currency % 164
5743 /yen.fitted % 165
5744 /brokenbar % 166
5745 /section % 167
5746 /dieresis % 168
5747 /copyright % 169
5748 /ordfeminine % 170
5749 /guillemotleft % 171
5750 /logicalnot % 172
5751 /sfthyphen % 173 % /hyphen (hanging hyphen)
5752 /registered % 174
5753 /st % /macron % 175 % .notdef in texnansx
5754 /degree % 176
5755 /plusminus % 177
5756 /two.superior % 178
5757 /three.superior % 179
5758 /Qalt % /acute % 180 % .notdef in texnansx
5759 /mu % 181
5760 /paragraph % 182
5761 /periodcentered % 183
5762 /zero.slashfitted % /cedilla % 184 % .notdef in texnansx
5763 /one.superior % 185

5764 /ordmasculine % 186
5765 /guillemotright % 187
5766 /onequarter % 188
5767 /onehalf % 189
5768 /threequarters % 190
5769 /questiondown % 191
5770 /Agrave % 192
5771 /Aacute % 193
5772 /Acircumflex % 194
5773 /Atilde % 195
5774 /Adieresis % 196
5775 /Aring % 197
5776 /AE % 198
5777 /Ccedilla % 199
5778 /Egrave % 200
5779 /Eacute % 201
5780 /Ecircumflex % 202
5781 /Edieresis % 203
5782 /Igrave % 204
5783 /Iacute % 205
5784 /Icircumflex % 206
5785 /Idieresis % 207
5786 /Eth % 208
5787 /Ntilde % 209
5788 /Ograve % 210
5789 /Oacute % 211
5790 /Ocircumflex % 212
5791 /Otilde % 213
5792 /Odieresis % 214
5793 /multiply % 215 % OE in T1
5794 /Oslash % 216
5795 /Ugrave % 217
5796 /Uacute % 218
5797 /Ucircumflex % 219
5798 /Udieresis % 220
5799 /Yacute % 221
5800 /Thorn % 222
5801 /.notdef % /germandbls % 223 % .notdef in texnansx
5802 /agrave % 224
5803 /aacute % 225
5804 /acircumflex % 226
5805 /atilde % 227
5806 /adieresis % 228
5807 /aring % 229
5808 /ae % 230
5809 /ccedilla % 231
5810 /egrave % 232
5811 /eacute % 233
5812 /ecircumflex % 234
5813 /edieresis % 235
5814 /igrave % 236
5815 /iacute % 237
5816 /icircumflex % 238
5817 /idieresis % 239
5818 /eth % 240
5819 /ntilde % 241

```

5820 /ograve % 242
5821 /oacute % 243
5822 /ocircumflex % 244
5823 /otilde % 245
5824 /odieresis % 246
5825 /divide % 247 % oe in T1
5826 /oslash % 248
5827 /ugrave % 249
5828 /uacute % 250
5829 /ucircumflex % 251
5830 /udieresis % 252
5831 /yacute % 253
5832 /thorn % 254
5833 /ydieresis % 255 % germandbls in T1
5834 ] def

```

B.2.17 ts1-ybd.enc

ts1-ybd.enc (*script*) Font encoding ts1-ybd.

```
5835 %%BeginResource: encoding fontinst-autoenc-ts1-dotoldstyle
```

5836 /ts1-ybd [	5869 /newtieaccentlowercase	5902 /nine.taboldstyle
5837 % 0	5870 /newtieaccentcapital	5903 /.notdef
5838 /capitalgrave	5871 /.notdef	5904 /.notdef
5839 /capitalacute	5872 /ascendercompwordmark	5905 /angbracketleft
5840 /capitalcircumflex	5873 % 32	5906 /minus
5841 /capitaltilde	5874 /blank	5907 /angbracketright
5842 /capitaldieresis	5875 /.notdef	5908 /.notdef
5843 /capitalhungarumlaut	5876 /.notdef	5909 % 64
5844 /capitalring	5877 /.notdef	5910 /.notdef
5845 /capitalcaron	5878 /dollar.fitted	5911 /.notdef
5846 % 8	5879 /.notdef	5912 /.notdef
5847 /capitalbreve	5880 /.notdef	5913 /.notdef
5848 /capitalmacron	5881 /quotesingle	5914 /.notdef
5849 /capitaldotaccent	5882 % 40	5915 /.notdef
5850 /cedilla	5883 /.notdef	5916 /.notdef
5851 /ogonek	5884 /.notdef	5917 /.notdef
5852 /quotesinglbase	5885 /asteriskcentered	5918 % 72
5853 /.notdef	5886 /.notdef	5919 /.notdef
5854 /.notdef	5887 /comma	5920 /.notdef
5855 % 16	5888 /hyphendbl	5921 /.notdef
5856 /.notdef	5889 /period	5922 /.notdef
5857 /.notdef	5890 /fraction	5923 /.notdef
5858 /quotedblbase	5891 % 48	5924 /Omegainv
5859 /.notdef	5892 /zero.taboldstyle	5925 /.notdef
5860 /.notdef	5893 /one.taboldstyle	5926 /bigcircle
5861 /twelveudash	5894 /two.taboldstyle	5927 % 80
5862 /threequartersemdash	5895 /three.taboldstyle	5928 /.notdef
5863 /capitalcompwordmark	5896 /four.taboldstyle	5929 /.notdef
5864 % 24	5897 /five.taboldstyle	5930 /.notdef
5865 /arrowleft	5898 /six.taboldstyle	5931 /.notdef
5866 /arrowright	5899 /seven.taboldstyle	5932 /.notdef
5867 /tieaccentlowercase	5900 % 56	5933 /.notdef
5868 /tieaccentcapital	5901 /eight.taboldstyle	5934 /.notdef

5935 /Omega	5995 /bullet	6051 /ordmasculine
5936 % 88	5996 /centigrade	6052 /radical
5937 /.notdef	5997 /dollar.taboldstyle	6053 /onequarter
5938 /.notdef	5998 /cent.taboldstyle	6054 /onehalf
5939 /.notdef	5999 /florin	6055 /threequarters
5940 /openbracketleft	6000 /colonmonetary	6056 /Euro.fitted
5945 /.notdef	6001 /won	6057 % 192
5946 /openbracketright	6002 /naira	6058 /Euro.fitted
5947 /arrowup	6003 % 144	6059 /euro.fitted
5948 /arrowdown	6004 /guarani	6060 /.notdef
5949 % 96	6005 /peso	6061 /.notdef
5950 /asciigrave	6006 /lira	6062 /.notdef
5951 /.notdef	6007 /recipe	6063 /.notdef
5952 /born	6008 /interrobang	6064 /.notdef
5953 /divorced	6009 /interrobangdown	6065 /.notdef
5954 /died	6010 /dong	6066 % 200
5955 /.notdef	6011 /trademark	6067 /.notdef
5956 /.notdef	6012 % 152	6068 /.notdef
5957 /.notdef	6013 /pertenthousand	6069 /.notdef
5958 % 104	6014 /pilcrow	6070 /.notdef
5959 /.notdef	6015 /baht	6071 /.notdef
5960 /.notdef	6016 /numero	6072 /.notdef
5961 /.notdef	6017 /discount	6073 /.notdef
5962 /.notdef	6018 /estimated	6074 /.notdef
5963 /leaf	6019 /openbullet	6075 % 208
5964 /married	6020 /servicemark	6076 /.notdef
5965 /musicalnote	6021 % 160	6077 /.notdef
5966 /.notdef	6022 /quillbracketleft	6078 /.notdef
5967 % 112	6023 /quillbracketright	6079 /.notdef
5968 /.notdef	6024 /cent.fitted	6080 /.notdef
5969 /.notdef	6025 /sterling.fitted	6081 /.notdef
5970 /.notdef	6026 /currency	6082 /multiply
5971 /.notdef	6027 /yen.fitted	6083 /.notdef
5972 /.notdef	6028 /brokenbar	6084 % 216
5973 /.notdef	6029 /section	6085 /.notdef
5974 /.notdef	6030 % 168	6086 /.notdef
5975 /.notdef	6031 /asciidieresis	6087 /.notdef
5976 % 120	6032 /copyright	6088 /.notdef
5977 /.notdef	6033 /ordfeminine	6089 /.notdef
5978 /.notdef	6034 /copyleft	6090 /.notdef
5979 /.notdef	6035 /logicalnot	6091 /.notdef
5980 /.notdef	6036 /circledP	6092 /.notdef
5981 /.notdef	6037 /registered	6093 % 224
5982 /.notdef	6038 /asciimacron	6094 /.notdef
5983 /tildelow	6039 % 176	6095 /.notdef
5984 /hyphendblchar	6040 /degree	6096 /.notdef
5985 % 128	6041 /plusminus	6097 /.notdef
5986 /asciibreve	6042 /two.superior	6098 /.notdef
5987 /asciicaron	6043 /three.superior	6099 /.notdef
5988 /asciicutedbl	6044 /asciiaacute	6100 /.notdef
5989 /asciigravedbl	6045 /mu	6101 /.notdef
5990 /dagger	6046 /paragraph	6102 % 232
5991 /daggerdbl	6047 /periodcentered	6103 /.notdef
5992 /bardbl	6048 % 184	6104 /.notdef
5993 /perthousand.fitted	6049 /referencemark	6105 /.notdef
5994 % 136	6050 /one.superior	6106 /.notdef

6107 /.notdef	6120 /.notdef	6129 /.notdef
6108 /.notdef	6121 /.notdef	6130 /.notdef
6109 /.notdef	6122 /divide	6131 /.notdef
6110 /.notdef	6123 /.notdef	6132 /.notdef
6111 % 240	6124 % 248	6133] def
6116 /.notdef	6125 /.notdef	6134 %%EndResource
6117 /.notdef	6126 /.notdef	6135 %
6118 /.notdef	6127 /.notdef	6136 % End of file
6119 /.notdef	6128 /.notdef	ts1-ybd.enc.

B.2.18 ts1-ybd0.enc

ts1-ybd0.enc (*script*) Font encoding ts1-ybdo.

```

6137 %%BeginResource: encoding fontinst-autoenc-ts1-dotinferior

6138 /ts1-ybd0 [
6139 % 0
6140 /capitalgrave.inferior
6141 /capitalacute.inferior
6142 /capitalcircumflex.inferior
6143 /capitaltilde.inferior
6144 /capitaldieresis.inferior
6145 /capitalhungarumlaut.inferior
6146 /capitalring.inferior
6147 /capitalcaron.inferior
6148 % 8
6149 /capitalbreve.inferior
6150 /capitalmacron.inferior
6151 /capitaldotaccent.inferior
6152 /cedilla.inferior
6153 /ogonek.inferior
6154 /quotesinglbase.inferior
6155 /.notdef
6156 /.notdef
6157 % 16
6158 /.notdef
6159 /.notdef
6160 /quotedblbase.inferior
6161 /.notdef
6162 /.notdef
6163 /twelveudash.inferior
6164 /threequartersemdash.inferior
6165 /capitalcompwordmark.inferior
6166 % 24
6167 /arrowleft.inferior
6168 /arrowright.inferior
6169 /tieaccentlowercase.inferior
6170 /tieaccentcapital.inferior
6171 /newtieaccentlowercase.inferior
6172 /newtieaccentcapital.inferior
6173 /.notdef
6174 /ascendercompwordmark.inferior
6175 % 32
6176 /blank.inferior

6177 /.notdef
6178 /.notdef
6179 /.notdef
6180 /dollar.inferior
6181 /.notdef
6182 /.notdef
6183 /quotesingle.inferior
6184 % 40
6185 /.notdef
6186 /.notdef
6187 /asteriskcentered.inferior
6188 /.notdef
6189 /comma.inferior
6190 /hyphendbl.inferior
6191 /period.inferior
6192 /fraction.inferior
6193 % 48
6194 /zerooldstyle.inferior
6195 /oneoldstyle.inferior
6196 /twooldstyle.inferior
6197 /threeoldstyle.inferior
6198 /fouroldstyle.inferior
6199 /fiveoldstyle.inferior
6200 /sixoldstyle.inferior
6201 /sevenoldstyle.inferior
6202 % 56
6203 /eightoldstyle.inferior
6204 /nineoldstyle.inferior
6205 /.notdef
6206 /.notdef
6207 /angbracketleft.inferior
6208 /minus.inferior
6209 /angbracketright.inferior
6210 /.notdef
6211 % 64
6212 /.notdef
6213 /.notdef
6214 /.notdef
6215 /.notdef

```

6216 /.notdef	6275 /.notdef
6217 /.notdef	6276 /.notdef
6218 /.notdef	6277 % 120
6219 /.notdef	6278 /.notdef
6223 % 72	6279 /.notdef
6224 /.notdef	6280 /.notdef
6225 /.notdef	6281 /.notdef
6226 /.notdef	6282 /.notdef
6227 /.notdef	6283 /.notdef
6228 /.notdef	6284 /tildelow.inferior
6229 /Omegainv.inferior	6285 /hyphendblchar.inferior
6230 /.notdef	6286 % 128
6231 /bigcircle.inferior	6287 /asciibreve.inferior
6232 % 80	6288 /asciicaron.inferior
6233 /.notdef	6289 /asciicutedbl.inferior
6234 /.notdef	6290 /asciigravedbl.inferior
6235 /.notdef	6291 /dagger.inferior
6236 /.notdef	6292 /daggerdbl.inferior
6237 /.notdef	6293 /bardbl.inferior
6238 /.notdef	6294 /perthousand.inferior
6239 /.notdef	6295 % 136
6240 /Omega.inferior	6296 /bullet.inferior
6241 % 88	6297 /centigrade.inferior
6242 /.notdef	6298 /dollaroldstyle.inferior
6243 /.notdef	6299 /centoldstyle.inferior
6244 /.notdef	6300 /florin.inferior
6245 /openbracketleft.inferior	6301 /colonmonetary.inferior
6246 /.notdef	6302 /won.inferior
6247 /openbracketright.inferior	6303 /naira.inferior
6248 /arrowup.inferior	6304 % 144
6249 /arrowdown.inferior	6305 /guarani.inferior
6250 % 96	6306 /peso.inferior
6251 /asciigrave.inferior	6307 /lira.inferior
6252 /.notdef	6308 /recipe.inferior
6253 /born.inferior	6309 /interrobang.inferior
6254 /divorced.inferior	6310 /interrobangdown.inferior
6255 /died.inferior	6311 /dong.inferior
6256 /.notdef	6312 /trademark.inferior
6257 /.notdef	6313 % 152
6258 /.notdef	6314 /pertenthousand.inferior
6259 % 104	6315 /pilcrow.inferior
6260 /.notdef	6316 /baht.inferior
6261 /.notdef	6317 /numero.inferior
6262 /.notdef	6318 /discount.inferior
6263 /.notdef	6319 /estimated.inferior
6264 /leaf.inferior	6320 /openbullet.inferior
6265 /married.inferior	6321 /servicemark.inferior
6266 /musicalnote.inferior	6322 % 160
6267 /.notdef	6323 /quillbracketleft.inferior
6268 % 112	6324 /quillbracketright.inferior
6269 /.notdef	6325 /cent.inferior
6270 /.notdef	6326 /sterling.inferior
6271 /.notdef	6327 /currency.inferior
6272 /.notdef	6328 /yen.inferior
6273 /.notdef	6329 /brokenbar.inferior
6274 /.notdef	6330 /section.inferior

6331 % 168	6386 /multiply.inferior
6332 /asciidieresis.inferior	6387 /.notdef
6333 /copyright.inferior	6388 % 216
6337 /ordfeminine.inferior	6389 /.notdef
6338 /copyleft.inferior	6390 /.notdef
6339 /logicalnot.inferior	6391 /.notdef
6340 /circledP.inferior	6392 /.notdef
6341 /registered.inferior	6393 /.notdef
6342 /asciimacron.inferior	6394 /.notdef
6343 % 176	6395 /.notdef
6344 /degree.inferior	6396 /.notdef
6345 /plusminus.inferior	6397 % 224
6346 /two.superior	6398 /.notdef
6347 /three.superior	6399 /.notdef
6348 /asciiaacute.inferior	6400 /.notdef
6349 /mu.inferior	6401 /.notdef
6350 /paragraph.inferior	6402 /.notdef
6351 /periodcentered.inferior	6403 /.notdef
6352 % 184	6404 /.notdef
6353 /referencemark.inferior	6405 /.notdef
6354 /one.superior	6406 % 232
6355 /ordmasculine.inferior	6407 /.notdef
6356 /radical.inferior	6408 /.notdef
6357 /onequarter.inferior	6409 /.notdef
6358 /onehalf.inferior	6410 /.notdef
6359 /threequarters.inferior	6411 /.notdef
6360 /Euro.inferior	6412 /.notdef
6361 % 192	6413 /.notdef
6362 /.notdef	6414 /.notdef
6363 /.notdef	6415 % 240
6364 /.notdef	6416 /.notdef
6365 /.notdef	6417 /.notdef
6366 /.notdef	6418 /.notdef
6367 /.notdef	6419 /.notdef
6368 /.notdef	6420 /.notdef
6369 /.notdef	6421 /.notdef
6370 % 200	6422 /divide.inferior
6371 /.notdef	6423 /.notdef
6372 /.notdef	6424 % 248
6373 /.notdef	6425 /.notdef
6374 /.notdef	6426 /.notdef
6375 /.notdef	6427 /.notdef
6376 /.notdef	6428 /.notdef
6377 /.notdef	6429 /.notdef
6378 /.notdef	6430 /.notdef
6379 % 208	6431 /.notdef
6380 /.notdef	6432 /.notdef
6381 /.notdef	6433] def
6382 /.notdef	6434 %%EndResource
6383 /.notdef	6435 %
6384 /.notdef	6436 % End of file ts1-ybd0.enc.
6385 /.notdef	

B.2.19 ts1-ybd1.enc

ts1-ybd1.enc (script) Font encoding ts1-ybd1.

```

6437 %%BeginResource: encoding fontinst-autoenc-ts1-dotsuperior

6438 /ts1-ybd1 [
6439 % 0
6440 /capitalgrave.superior
6441 /capitalacute.superior
6442 /capitalcircumflex.superior
6443 /capitaltilde.superior
6444 /capitaldieresis.superior
6445 /capitalhungarumlaut.superior
6446 /capitalring.superior
6447 /capitalcaron.superior
6448 % 8
6449 /capitalbreve.superior
6450 /capitalmacron.superior
6451 /capitaldotaccent.superior
6452 /cedilla.superior
6453 /ogonek.superior
6454 /quotesinglbase.superior
6455 /.notdef
6456 /.notdef
6457 % 16
6458 /.notdef
6459 /.notdef
6460 /quotedblbase.superior
6461 /.notdef
6462 /.notdef
6463 /twelveudash.superior
6464 /threequartersemdash.superior
6465 /capitalcompwordmark.superior
6466 % 24
6467 /arrowleft.superior
6468 /arrowright.superior
6469 /tieaccentlowercase.superior
6470 /tieaccentcapital.superior
6471 /newtieaccentlowercase.superior
6472 /newtieaccentcapital.superior
6473 /.notdef
6474 /ascendercompwordmark.superior
6475 % 32
6476 /blank.superior
6477 /.notdef
6478 /.notdef
6479 /.notdef
6480 /dollar.superior
6481 /.notdef
6482 /.notdef
6483 /quotesingle.superior
6484 % 40
6485 /.notdef
6486 /.notdef
6487 /asteriskcentered.superior

6488 /.notdef
6489 /comma.superior
6490 /hyphendbl.superior
6491 /period.superior
6492 /fraction.superior
6493 % 48
6494 /zerooldstyle.superior
6495 /oneoldstyle.superior
6496 /twooldstyle.superior
6497 /threeoldstyle.superior
6498 /fouroldstyle.superior
6499 /fiveoldstyle.superior
6500 /sixoldstyle.superior
6501 /sevenoldstyle.superior
6502 % 56
6503 /eightoldstyle.superior
6504 /nineoldstyle.superior
6505 /.notdef
6506 /.notdef
6507 /angleleft.superior
6508 /minus.superior
6509 /angleright.superior
6510 /.notdef
6511 % 64
6512 /.notdef
6513 /.notdef
6514 /.notdef
6515 /.notdef
6516 /.notdef
6517 /.notdef
6518 /.notdef
6519 /.notdef
6520 % 72
6521 /.notdef
6522 /.notdef
6523 /.notdef
6524 /.notdef
6525 /.notdef
6526 /Omegainv.superior
6527 /.notdef
6528 /bigcircle.superior
6529 % 80
6530 /.notdef
6531 /.notdef
6532 /.notdef
6533 /.notdef
6534 /.notdef
6535 /.notdef
6536 /.notdef
6537 /Omega.superior

```

6538 % 88	6597 /centigrade.superior
6539 /.notdef	6598 /dollaroldstyle.superior
6540 /.notdef	6599 /centoldstyle.superior
6541 /.notdef	6600 /florin.superior
6545 /openbracketleft.superior	6601 /colonmonetary.superior
6546 /.notdef	6602 /won.superior
6547 /openbracketright.superior	6603 /naira.superior
6548 /arrowup.superior	6604 % 144
6549 /arrowdown.superior	6605 /guarani.superior
6550 % 96	6606 /peso.superior
6551 /asciigrave.superior	6607 /lira.superior
6552 /.notdef	6608 /recipe.superior
6553 /born.superior	6609 /interrobang.superior
6554 /divorced.superior	6610 /interrobangdown.superior
6555 /died.superior	6611 /dong.superior
6556 /.notdef	6612 /trademark.superior
6557 /.notdef	6613 % 152
6558 /.notdef	6614 /pertenthousand.superior
6559 % 104	6615 /pilcrow.superior
6560 /.notdef	6616 /baht.superior
6561 /.notdef	6617 /numero.superior
6562 /.notdef	6618 /discount.superior
6563 /.notdef	6619 /estimated.superior
6564 /leaf.superior	6620 /openbullet.superior
6565 /married.superior	6621 /servicemark.superior
6566 /musicalnote.superior	6622 % 160
6567 /.notdef	6623 /quillbracketleft.superior
6568 % 112	6624 /quillbracketright.superior
6569 /.notdef	6625 /cent.superior
6570 /.notdef	6626 /sterling.superior
6571 /.notdef	6627 /currency.superior
6572 /.notdef	6628 /yen.superior
6573 /.notdef	6629 /brokenbar.superior
6574 /.notdef	6630 /section.superior
6575 /.notdef	6631 % 168
6576 /.notdef	6632 /asciidieresis.superior
6577 % 120	6633 /copyright.superior
6578 /.notdef	6634 /ordfeminine.superior
6579 /.notdef	6635 /copyleft.superior
6580 /.notdef	6636 /logicalnot.superior
6581 /.notdef	6637 /circledP.superior
6582 /.notdef	6638 /registered.superior
6583 /.notdef	6639 /asciimacron.superior
6584 /tildelow.superior	6640 % 176
6585 /hyphendblchar.superior	6641 /degree.superior
6586 % 128	6642 /plusminus.superior
6587 /asciibreve.superior	6643 /two.superior
6588 /asciicaron.superior	6644 /three.superior
6589 /asciicutedbl.superior	6645 /asciiaacute.superior
6590 /asciigravedbl.superior	6646 /mu.superior
6591 /dagger.superior	6647 /paragraph.superior
6592 /daggerdbl.superior	6648 /periodcentered.superior
6593 /bardbl.superior	6649 % 184
6594 /perthousand.superior	6650 /referencemark.superior
6595 % 136	6651 /one.superior
6596 /bullet.superior	6652 /ordmasculine.superior

6653 /radical.superior	6697 % 224
6654 /onequarter.superior	6698 /.notdef
6655 /onehalf.superior	6699 /.notdef
6659 /threequarters.superior	6700 /.notdef
6660 /Euro.superior	6701 /.notdef
6661 % 192	6702 /.notdef
6662 /.notdef	6703 /.notdef
6663 /.notdef	6704 /.notdef
6664 /.notdef	6705 /.notdef
6665 /.notdef	6706 % 232
6666 /.notdef	6707 /.notdef
6667 /.notdef	6708 /.notdef
6668 /.notdef	6709 /.notdef
6669 /.notdef	6710 /.notdef
6670 % 200	6711 /.notdef
6671 /.notdef	6712 /.notdef
6672 /.notdef	6713 /.notdef
6673 /.notdef	6714 /.notdef
6674 /.notdef	6715 % 240
6675 /.notdef	6716 /.notdef
6676 /.notdef	6717 /.notdef
6677 /.notdef	6718 /.notdef
6678 /.notdef	6719 /.notdef
6679 % 208	6720 /.notdef
6680 /.notdef	6721 /.notdef
6681 /.notdef	6722 /divide.superior
6682 /.notdef	6723 /.notdef
6683 /.notdef	6724 % 248
6684 /.notdef	6725 /.notdef
6685 /.notdef	6726 /.notdef
6686 /multiply.superior	6727 /.notdef
6687 /.notdef	6728 /.notdef
6688 % 216	6729 /.notdef
6689 /.notdef	6730 /.notdef
6690 /.notdef	6731 /.notdef
6691 /.notdef	6732 /.notdef
6692 /.notdef	6733] def
6693 /.notdef	6734 %%EndResource
6694 /.notdef	6735 %
6695 /.notdef	6736 % End of file ts1-ybd1.enc.
6696 /.notdef	

B.2.20 ts1-ybd2.enc

ts1-ybd2.enc (script) Font encoding ts1-ybd2.

```

6737 %%BeginResource: encoding fontinst-autoenc-ts1-dotoldstyle

6738 /ts1-ybd2 [
6739 % 0
6740 /capitalgrave
6741 /capitalacute
6742 /capitalcircumflex
6743 /capitaltilde
6744 /capitaldieresis
6745 /capitalhungarumlaut
6746 /capitalring
6747 /capitalcaron
6748 % 8
6749 /capitalbreve
6750 /capitalmacron
6751 /capitaldotaccent
6752 /cedilla
6753 /ogonek
6754 /quotesinglbase
6755 /.notdef
6756 /.notdef
6757 % 16
6758 /.notdef

```

6759 /.notdef	6819 /.notdef	6875 /.notdef
6760 /quotedblbase	6820 /.notdef	6876 /.notdef
6761 /.notdef	6821 /.notdef	6877 /.notdef
6762 /.notdef	6822 /.notdef	6878 % 120
6763 /twelveudash	6823 /.notdef	6879 /.notdef
6764 /threequartersemdash	6824 % 72	6880 /.notdef
6769 /capitalcompwordmark	6825 /.notdef	6881 /.notdef
6770 % 24	6826 /.notdef	6882 /.notdef
6771 /arrowleft	6827 /.notdef	6883 /.notdef
6772 /arrowright	6828 /.notdef	6884 /.notdef
6773 /tieaccentlowercase	6829 /.notdef	6885 /tildelow
6774 /tieaccentcapital	6830 /Omegainv	6886 /hyphendblchar
6775 /newtieaccentlowercase	6831 /.notdef	6887 % 128
6776 /newtieaccentcapital	6832 /bigcircle	6888 /asciibreve
6777 /.notdef	6833 % 80	6889 /asciicaron
6778 /ascendercompwordmark	6834 /.notdef	6890 /asciicutedbl
6779 % 32	6835 /.notdef	6891 /asciigravedbl
6780 /blank	6836 /.notdef	6892 /dagger
6781 /.notdef	6837 /.notdef	6893 /daggerdbl
6782 /.notdef	6838 /.notdef	6894 /bardbl
6783 /.notdef	6839 /.notdef	6895 /perthousand
6784 /dollar	6840 /.notdef	6896 % 136
6785 /.notdef	6841 /Omega	6897 /bullet
6786 /.notdef	6842 % 88	6898 /centigrade
6787 /quotesingle	6843 /.notdef	6899 /dollar.oldstyle
6788 % 40	6844 /.notdef	6900 /cent.oldstyle
6789 /.notdef	6845 /.notdef	6901 /florin
6790 /.notdef	6846 /openbracketleft	6902 /colonmonetary
6791 /asteriskcentered	6847 /.notdef	6903 /won
6792 /.notdef	6848 /openbracketright	6904 /naira
6793 /comma	6849 /arrowup	6905 % 144
6794 /hyphendbl	6850 /arrowdown	6906 /guarani
6795 /period	6851 % 96	6907 /peso
6796 /fraction	6852 /asciigrave	6908 /lira
6797 % 48	6853 /.notdef	6909 /recipe
6798 /zero.oldstyle	6854 /born	6910 /interrobang
6799 /one.oldstyle	6855 /divorced	6911 /interrobangdown
6800 /two.oldstyle	6856 /died	6912 /dong
6801 /three.oldstyle	6857 /.notdef	6913 /trademark
6802 /four.oldstyle	6858 /.notdef	6914 % 152
6803 /five.oldstyle	6859 /.notdef	6915 /pertenthousand
6804 /six.oldstyle	6860 % 104	6916 /pilcrow
6805 /seven.oldstyle	6861 /.notdef	6917 /baht
6806 % 56	6862 /.notdef	6918 /numero
6807 /eight.oldstyle	6863 /.notdef	6919 /discount
6808 /nine.oldstyle	6864 /.notdef	6920 /estimated
6809 /.notdef	6865 /leaf	6921 /openbullet
6810 /.notdef	6866 /married	6922 /servicemark
6811 /angbracketleft	6867 /musicalnote	6923 % 160
6812 /minus	6868 /.notdef	6924 /quillbracketleft
6813 /angbracketright	6869 % 112	6925 /quillbracketright
6814 /.notdef	6870 /.notdef	6926 /cent
6815 % 64	6871 /.notdef	6927 /sterling
6816 /.notdef	6872 /.notdef	6928 /currency
6817 /.notdef	6873 /.notdef	6929 /yen
6818 /.notdef	6874 /.notdef	6930 /brokenbar

6931 /section	6970 /.notdef	7005 /.notdef
6932 % 168	6971 /.notdef	7006 /.notdef
6933 /asciidieresis	6972 % 200	7007 /.notdef
6934 /copyright	6973 /.notdef	7008 % 232
6935 /ordfeminine	6974 /.notdef	7009 /.notdef
6940 /copyleft	6975 /.notdef	7010 /.notdef
6941 /logicalnot	6976 /.notdef	7011 /.notdef
6942 /circledP	6977 /.notdef	7012 /.notdef
6943 /registered	6978 /.notdef	7013 /.notdef
6944 /asciimacron	6979 /.notdef	7014 /.notdef
6945 % 176	6980 /.notdef	7015 /.notdef
6946 /degree	6981 % 208	7016 /.notdef
6947 /plusminus	6982 /.notdef	7017 % 240
6948 /two.superior	6983 /.notdef	7018 /.notdef
6949 /three.superior	6984 /.notdef	7019 /.notdef
6950 /asciiacute	6985 /.notdef	7020 /.notdef
6951 /mu	6986 /.notdef	7021 /.notdef
6952 /paragraph	6987 /.notdef	7022 /.notdef
6953 /periodcentered	6988 /multiply	7023 /.notdef
6954 % 184	6989 /.notdef	7024 /divide
6955 /referencemark	6990 % 216	7025 /.notdef
6956 /one.superior	6991 /.notdef	7026 % 248
6957 /ordmasculine	6992 /.notdef	7027 /.notdef
6958 /radical	6993 /.notdef	7028 /.notdef
6959 /onequarter	6994 /.notdef	7029 /.notdef
6960 /onehalf	6995 /.notdef	7030 /.notdef
6961 /threequarters	6996 /.notdef	7031 /.notdef
6962 /Euro	6997 /.notdef	7032 /.notdef
6963 % 192	6998 /.notdef	7033 /.notdef
6964 /Euro	6999 % 224	7034 /.notdef
6965 /euro	7000 /.notdef	7035] def
6966 /.notdef	7001 /.notdef	7036 %%EndResource
6967 /.notdef	7002 /.notdef	7037 %
6968 /.notdef	7003 /.notdef	7038 % End of file
6969 /.notdef	7004 /.notdef	ts1-ybd2.enc.

B.2.21 ts1-ybd2j.enc

ts1-ybd2j.enc (script) Font encoding ts1-ybd2j.

7039 %%BeginResource: encoding fontinst-autoenc-ts1-dotoldstyle

7040 /ts1-ybd2j [	7053 /capitaldotaccent	7066 /threequartersemdash
7041 % 0	7054 /cedilla	7067 /capitalcompwordmark
7042 /capitalgrave	7055 /ogonek	7068 % 24
7043 /capitalacute	7056 /quotesinglbase	7069 /arrowleft
7044 /capitalcircumflex	7057 /.notdef	7070 /arrowright
7045 /capitaltilde	7058 /.notdef	7071 /tieaccentlowercase
7046 /capitaldieresis	7059 % 16	7072 /tieaccentcapital
7047 /capitalhungarumlaut	7060 /.notdef	7073 /newtieaccentlowercase
7048 /capitalring	7061 /.notdef	7074 /newtieaccentcapital
7049 /capitalcaron	7062 /quotedblbase	7075 /.notdef
7050 % 8	7063 /.notdef	7076 /ascendercompwordmark
7051 /capitalbreve	7064 /.notdef	7077 % 32
7052 /capitalmacron	7065 /twelveudash	7078 /blank

7079 /.notdef	7139 /.notdef	7195 /daggerdbl
7080 /.notdef	7140 /.notdef	7196 /bardbl
7081 /.notdef	7141 /.notdef	7197 /perthousand.oldstyle
7082 /dollar.oldstyle	7142 /.notdef	7198 % 136
7083 /.notdef	7143 /Omega	7199 /bullet
7084 /.notdef	7144 % 88	7200 /centigrade
7089 /quotesingle	7145 /.notdef	7201 /dollar.oldstyle
7090 % 40	7146 /.notdef	7202 /cent.oldstyle
7091 /.notdef	7147 /.notdef	7203 /florin
7092 /.notdef	7148 /openbracketleft	7204 /colonmonetary
7093 /asteriskcentered	7149 /.notdef	7205 /won
7094 /.notdef	7150 /openbracketright	7206 /naira
7095 /comma	7151 /arrowup	7207 % 144
7096 /hyphendbl	7152 /arrowdown	7208 /guarani
7097 /period	7153 % 96	7209 /peso
7098 /fraction	7154 /asciigrave	7210 /lira
7099 % 48	7155 /.notdef	7211 /recipe
7100 /zero.oldstyle	7156 /born	7212 /interrobang
7101 /one.oldstyle	7157 /divorced	7213 /interrobangdown
7102 /two.oldstyle	7158 /died	7214 /dong
7103 /three.oldstyle	7159 /.notdef	7215 /trademark
7104 /four.oldstyle	7160 /.notdef	7216 % 152
7105 /five.oldstyle	7161 /.notdef	7217 /pertenthousand
7106 /six.oldstyle	7162 % 104	7218 /pilcrow
7107 /seven.oldstyle	7163 /.notdef	7219 /baht
7108 % 56	7164 /.notdef	7220 /numero
7109 /eight.oldstyle	7165 /.notdef	7221 /discount
7110 /nine.oldstyle	7166 /.notdef	7222 /estimated
7111 /.notdef	7167 /leaf	7223 /openbullet
7112 /.notdef	7168 /married	7224 /servicemark
7113 /angbracketleft	7169 /musicalnote	7225 % 160
7114 /minus	7170 /.notdef	7226 /quillbracketleft
7115 /angbracketright	7171 % 112	7227 /quillbracketright
7116 /.notdef	7172 /.notdef	7228 /cent.oldstyle
7117 % 64	7173 /.notdef	7229 /sterling.oldstyle
7118 /.notdef	7174 /.notdef	7230 /currency
7119 /.notdef	7175 /.notdef	7231 /yen.oldstyle
7120 /.notdef	7176 /.notdef	7232 /brokenbar
7121 /.notdef	7177 /.notdef	7233 /section
7122 /.notdef	7178 /.notdef	7234 % 168
7123 /.notdef	7179 /.notdef	7235 /asciidieresis
7124 /.notdef	7180 % 120	7236 /copyright
7125 /.notdef	7181 /.notdef	7237 /ordfeminine
7126 % 72	7182 /.notdef	7238 /copyleft
7127 /.notdef	7183 /.notdef	7239 /logicalnot
7128 /.notdef	7184 /.notdef	7240 /circledP
7129 /.notdef	7185 /.notdef	7241 /registered
7130 /.notdef	7186 /.notdef	7242 /asciimacron
7131 /.notdef	7187 /tildelow	7243 % 176
7132 /Omegainv	7188 /hyphendblchar	7244 /degree
7133 /.notdef	7189 % 128	7245 /plusminus
7134 /bigcircle	7190 /asciibreve	7246 /two.superior
7135 % 80	7191 /asciicaron	7247 /three.superior
7136 /.notdef	7192 /asciicutedbl	7248 /asciiacute
7137 /.notdef	7193 /asciigravedbl	7249 /mu
7138 /.notdef	7194 /dagger	7250 /paragraph

7251 /periodcentered	7284 /.notdef	7313 /.notdef
7252 % 184	7285 /.notdef	7314 /.notdef
7253 /referencemark	7286 /.notdef	7315 /.notdef
7254 /one.superior	7287 /.notdef	7316 /.notdef
7255 /ordmasculine	7288 /.notdef	7317 /.notdef
7260 /radical	7289 /.notdef	7318 /.notdef
7261 /onequarter	7290 /multiply	7319 % 240
7262 /onehalf	7291 /.notdef	7320 /.notdef
7263 /threequarters	7292 % 216	7321 /.notdef
7264 /Euro.oldstyle	7293 /.notdef	7322 /.notdef
7265 % 192	7294 /.notdef	7323 /.notdef
7266 /Euro.oldstyle	7295 /.notdef	7324 /.notdef
7267 /euro.oldstyle	7296 /.notdef	7325 /.notdef
7268 /.notdef	7297 /.notdef	7326 /divide
7269 /.notdef	7298 /.notdef	7327 /.notdef
7270 /.notdef	7299 /.notdef	7328 % 248
7271 /.notdef	7300 /.notdef	7329 /.notdef
7272 /.notdef	7301 % 224	7330 /.notdef
7273 /.notdef	7302 /.notdef	7331 /.notdef
7274 % 200	7303 /.notdef	7332 /.notdef
7275 /.notdef	7304 /.notdef	7333 /.notdef
7276 /.notdef	7305 /.notdef	7334 /.notdef
7277 /.notdef	7306 /.notdef	7335 /.notdef
7278 /.notdef	7307 /.notdef	7336 /.notdef
7279 /.notdef	7308 /.notdef	7337] def
7280 /.notdef	7309 /.notdef	7338 %%EndResource
7281 /.notdef	7310 % 232	7339 %
7282 /.notdef	7311 /.notdef	7340 % End of file
7283 % 208	7312 /.notdef	ts1-ybd2j.enc.

B.2.22 ts1-ybdj.enc

ts1-ybdj.enc (*script*) Font encoding ts1-ybdj.

```

7341 %%BeginResource: encoding fontinst-autoenc-ts1-dotoldstyle

7342 /ts1-ybdj [
7343 % 0
7344 /capitalgrave
7345 /capitalacute
7346 /capitalcircumflex
7347 /capitaltilde
7348 /capitaldieresis
7349 /capitalhungarumlaut
7350 /capitalring
7351 /capitalcaron
7352 % 8
7353 /capitalbreve
7354 /capitalmacron
7355 /capitaldotaccent
7356 /cedilla
7357 /ogonek
7358 /quotesinglbase
7359 /.notdef
7360 /.notdef

7361 % 16
7362 /.notdef
7363 /.notdef
7364 /quotedblbase
7365 /.notdef
7366 /.notdef
7367 /twelveudash
7368 /threequartersemdash
7369 /capitalcompwordmark
7370 % 24
7371 /arrowleft
7372 /arrowright
7373 /tieaccentlowercase
7374 /tieaccentcapital
7375 /newtieaccentlowercase
7376 /newtieaccentcapital
7377 /.notdef
7378 /ascendercompwordmark
7379 % 32

```

7380 /blank	7439 /.notdef
7381 /.notdef	7440 /.notdef
7382 /.notdef	7441 /.notdef
7383 /.notdef	7442 /.notdef
7387 /dollar.taboldstyle	7443 /.notdef
7388 /.notdef	7444 /Omega
7389 /.notdef	7445 % 88
7390 /quotesingle	7446 /.notdef
7391 % 40	7447 /.notdef
7392 /.notdef	7448 /.notdef
7393 /.notdef	7449 /openbracketleft
7394 /asteriskcentered	7450 /.notdef
7395 /.notdef	7451 /openbracketright
7396 /comma	7452 /arrowup
7397 /hyphendbl	7453 /arrowdown
7398 /period	7454 % 96
7399 /fraction	7455 /asciigrave
7400 % 48	7456 /.notdef
7401 /zero.taboldstyle	7457 /born
7402 /one.taboldstyle	7458 /divorced
7403 /two.taboldstyle	7459 /died
7404 /three.taboldstyle	7460 /.notdef
7405 /four.taboldstyle	7461 /.notdef
7406 /five.taboldstyle	7462 /.notdef
7407 /six.taboldstyle	7463 % 104
7408 /seven.taboldstyle	7464 /.notdef
7409 % 56	7465 /.notdef
7410 /eight.taboldstyle	7466 /.notdef
7411 /nine.taboldstyle	7467 /.notdef
7412 /.notdef	7468 /leaf
7413 /.notdef	7469 /married
7414 /angbracketleft	7470 /musicalnote
7415 /minus	7471 /.notdef
7416 /angbracketright	7472 % 112
7417 /.notdef	7473 /.notdef
7418 % 64	7474 /.notdef
7419 /.notdef	7475 /.notdef
7420 /.notdef	7476 /.notdef
7421 /.notdef	7477 /.notdef
7422 /.notdef	7478 /.notdef
7423 /.notdef	7479 /.notdef
7424 /.notdef	7480 /.notdef
7425 /.notdef	7481 % 120
7426 /.notdef	7482 /.notdef
7427 % 72	7483 /.notdef
7428 /.notdef	7484 /.notdef
7429 /.notdef	7485 /.notdef
7430 /.notdef	7486 /.notdef
7431 /.notdef	7487 /.notdef
7432 /.notdef	7488 /tildelow
7433 /Omegainv	7489 /hyphendblchar
7434 /.notdef	7490 % 128
7435 /bigcircle	7491 /asciibreve
7436 % 80	7492 /asciicaron
7437 /.notdef	7493 /asciicutedbl
7438 /.notdef	7494 /asciigravedbl

7495	/dagger	7554	/paragraph
7496	/daggerdbl	7555	/periodcentered
7497	/bardbl	7556	% 184
7501	/perthousand.taboldstyle	7557	/referencemark
7502	% 136	7558	/one.superior
7503	/bullet	7559	/ordmasculine
7504	/centigrade	7560	/radical
7505	/dollar.taboldstyle	7561	/onequarter
7506	/cent.taboldstyle	7562	/onehalf
7507	/florin	7563	/threequarters
7508	/colonmonetary	7564	/Euro.taboldstyle
7509	/won	7565	% 192
7510	/naira	7566	/Euro.taboldstyle
7511	% 144	7567	/euro.taboldstyle
7512	/guarani	7568	/notdef
7513	/peso	7569	/notdef
7514	/lira	7570	/notdef
7515	/recipe	7571	/notdef
7516	/interrobang	7572	/notdef
7517	/interrobangdown	7573	/notdef
7518	/dong	7574	% 200
7519	/trademark	7575	/notdef
7520	% 152	7576	/notdef
7521	/pertenthousand	7577	/notdef
7522	/pilcrow	7578	/notdef
7523	/baht	7579	/notdef
7524	/numero	7580	/notdef
7525	/discount	7581	/notdef
7526	/estimated	7582	/notdef
7527	/openbullet	7583	% 208
7528	/servicemark	7584	/notdef
7529	% 160	7585	/notdef
7530	/quillbracketleft	7586	/notdef
7531	/quillbracketright	7587	/notdef
7532	/cent.taboldstyle	7588	/notdef
7533	/sterling.taboldstyle	7589	/notdef
7534	/currency	7590	/multiply
7535	/yen.taboldstyle	7591	/notdef
7536	/brokenbar	7592	% 216
7537	/section	7593	/notdef
7538	% 168	7594	/notdef
7539	/asciidieresis	7595	/notdef
7540	/copyright	7596	/notdef
7541	/ordfeminine	7597	/notdef
7542	/copyleft	7598	/notdef
7543	/logicalnot	7599	/notdef
7544	/circledP	7600	/notdef
7545	/registered	7601	% 224
7546	/asciimacron	7602	/notdef
7547	% 176	7603	/notdef
7548	/degree	7604	/notdef
7549	/plusminus	7605	/notdef
7550	/two.superior	7606	/notdef
7551	/three.superior	7607	/notdef
7552	/asciiaacute	7608	/notdef
7553	/mu	7609	/notdef

```

7610 % 232
7611 /.notdef
7612 /.notdef
7616 /.notdef
7617 /.notdef
7618 /.notdef
7619 /.notdef
7620 /.notdef
7621 /.notdef
7622 % 240
7623 /.notdef
7624 /.notdef
7625 /.notdef
7626 /.notdef
7627 /.notdef
7628 /.notdef
7629 /divide
7630 /.notdef
7631 % 248
7632 /.notdef
7633 /.notdef
7634 /.notdef
7635 /.notdef
7636 /.notdef
7637 /.notdef
7638 /.notdef
7639 /.notdef
7640 ] def
7641 %%EndResource
7642 %
7643 % End of file ts1-ybdj.enc.

```

B.2.23 Converted Encodings (Output)

Originally, this file was used to convert custom fontinst `ETX` files to encodings. The encodings were then copied and modified to provide the various encodings required. Running this script on the `ETX` sources will **not** produce encodings the package uses, but only the starting points for constructing them¹⁸.

```

7644 \input finstmisc.sty
7645 \etxtoenc{dotoldstyle}{dotoldstyle}
7646 \etxtoenc{dottaboldstyle}{dottaboldstyle}
7647 \etxtoenc{t1-cfr}{t1-cfr}
7648 \etxtoenc{t1-dotinferior}{t1-dotinferior}
7649 \etxtoenc{t1-dotsuperior}{t1-dotsuperior}
7650 \bye

```

The remaining files are not needed to use the fonts, but only to generate them.

B.3 Scripts

The scripts in this section are not used to typeset the documentation or recreate the encoding files. The latter are modified by hand for each encoding from a few base encodings, so regenerating them would merely overwrite the customisations. The former can be generated using the `Makefile` and, in earlier versions of the package, that's how we produced the documentation. Now we use `l3build`, we generate the documentation that way, but the relevant targets remain in the `Makefile` in case anybody wants them.

Copying these scripts will NOT result in usable code. For all files, the first and last lines, beginning with `%` must be deleted. Even then, `Makefile.make` will **not** be usable because `TEX` removes essential tab characters. Compile the `.ins` to generate the scripts instead.

B.3.1 Makefile

Requires GNU make.

¹⁸This is why the generated files are *also* part of the package source code.

We use `GNU make` and `FontForge` to generate the fonts and package files¹⁹. Anything `make` can do, you can do — but not necessarily better and certainly not faster. We now use `l3build` to run `make`, which partially defeats the *raison d'être* of both programmes.

David Carlisle says `TEX` demands a dot because Windows can't tell the difference²⁰. Since a terminal dot looks weird, we add something and have Lua tell `make` to treat the file as a `Makefile`.

¹⁹Apologies to anybody on Windows who's read this far. You deserve better.

²⁰OK, so this may not be *quite* what he said.

Makefile.make (script) Note that $\TeX$ destroys the spacing essential to GNU make, even in verbatim mode²¹. You can **NOT**, therefore, copy this and expect it to work; use the generated file instead.

```

7651 %<<MAKE
7652 SHELL=/bin/sh
7653 ifeq ($(USER),cfrees)
7654 export PATH=/usr/local/bin:/usr/local/texlive/bin:/usr/bin
7655 endif
7656
7657 all: $(info PATH is $(PATH).)
7658
7659 pls8yybd = ybdb8y.pl ydbbc8y.pl ydbbci8y.pl ydbbi8y.pl ybdr8y.pl ybdr8y.pl ybdr8y.pl
7660 pls8y0 = ybdb08y.pl ybdb0c8y.pl ybdb0ci8y.pl ybdb0i8y.pl ybdr08y.pl
7661 pls8y1 = ybdb18y.pl ybdb1c8y.pl ybdb1ci8y.pl ybdb1i8y.pl ybdr18y.pl
7662 pls8y2 = ybdb28y.pl ybdb2c8y.pl ybdb2ci8y.pl ybdb2i8y.pl ybdr28y.pl
7663 pls8y2j = ybdb2cij8y.pl ybdb2cj8y.pl ybdb2ij8y.pl ybdb2j8y.pl ybdr2cij8y.pl
7664 pls8y2jw = ybdb2cijw8y.pl ybdb2cjw8y.pl ybdb2ijw8y.pl ybdb2jw8y.pl ybdr2cijw8y.pl
7665 pls8y2w = ybdb2ciw8y.pl ybdb2cw8y.pl ybdb2iw8y.pl ybdb2w8y.pl ybdr2ciw8y.pl
7666 pls8yj = ydbbcij8y.pl ydbbcj8y.pl ydbbij8y.pl ydbbj8y.pl ybdr8y.pl ybdr8y.pl
7667 pls8y2w = ydbbcijw8y.pl ydbbcjw8y.pl ydbbijw8y.pl ydbbjw8y.pl ybdr8y.pl ybdr8y.pl
7668 pls8yw = ydbbcw8y.pl ydbbcw8y.pl ydbbiw8y.pl ydbbw8y.pl ybdr8y.pl ybdr8y.pl
7669 pls8y := $(pls8y0) $(pls8y1) $(pls8y2) $(pls8y2j) $(pls8y2jw) $(pls8y2w)
7670 pls8yr = ybdr08y.pl ybdr18y.pl ybdr28y.pl ybdr2j8y.pl ybdr2jw8y.pl ybdr2w8y.pl
7671 pls8yri = ybdr0i8y.pl ybdr1i8y.pl ybdr2i8y.pl ybdr2ij8y.pl ybdr2ijw8y.pl
7672 pls8yrc = ybdr0c8y.pl ybdr1c8y.pl ybdr2c8y.pl ybdr2cj8y.pl ybdr2cjw8y.pl
7673 pls8yrci = ybdr0ci8y.pl ybdr1ci8y.pl ybdr2ci8y.pl ybdr2cij8y.pl ybdr2cijw8y.pl
7674 pls8yrb = ybdb08y.pl ybdb18y.pl ybdb28y.pl ybdb2j8y.pl ybdb2jw8y.pl ybdb2w8y.pl
7675 pls8ybi = ybdb0i8y.pl ybdb1i8y.pl ybdb2i8y.pl ybdb2ij8y.pl ybdb2ijw8y.pl

```

²¹But thanks to David Carlisle for telling me to prevent docstrip destroying the actual Makefile.make: [see chat](#); $\TeX$ SE: [a/453323/..](#)

```

7676 pls8ybc = ybdb0c8y.pl ybdb1c8y.pl ybdb2c8y.pl ybdb2cj8y.pl ybdb2cjw8y.pl
      ybdb2cw8y.pl ydbbc8y.pl ydbbcj8y.pl ydbbcjw8y.pl ydbbcw8y.pl
7677 pls8ybc_i = ybdb0ci8y.pl ybdb1ci8y.pl ybdb2ci8y.pl ybdb2cij8y.pl ybdb2cijw8y.pl
      ybdb2ciw8y.pl ydbbci8y.pl ydbbcij8y.pl ydbbcijw8y.pl ydbbciw8y.pl
7678 pls8tybd = ybdb8t.pl ydbbc8t.pl ydbbci8t.pl ydbbi8t.pl ybdr8t.pl ybdr8t.pl ybdr8t.pl
      ybdr8t.pl ybdr8t.pl
7679 pls8t0 = ybdb08t.pl ybdb0c8t.pl ybdb0ci8t.pl ybdb0i8t.pl ybdr08t.pl
      ybdr0c8t.pl ybdr0ci8t.pl ybdr0i8t.pl
7680 pls8t1 = ybdb18t.pl ybdb1c8t.pl ybdb1ci8t.pl ybdb1i8t.pl ybdr18t.pl
      ybdr1c8t.pl ybdr1ci8t.pl ybdr1i8t.pl
7681 pls8t2 = ybdb28t.pl ybdb2c8t.pl ybdb2ci8t.pl ybdb2i8t.pl ybdr28t.pl
      ybdr2c8t.pl ybdr2ci8t.pl ybdr2i8t.pl
7682 pls8t2j = ybdb2cij8t.pl ybdb2cj8t.pl ybdb2ij8t.pl ybdb2j8t.pl ybdr2cij8t.pl
      ybdr2cj8t.pl ybdr2ij8t.pl ybdr2j8t.pl
7683 pls8tj = ydbbcij8t.pl ydbbcj8t.pl ydbbij8t.pl ydbbj8t.pl ybdr8t.pl ybdr8t.pl
      ybdr8t.pl ybdr8t.pl
7684 pls8t := $(pls8t0) $(pls8t1) $(pls8t2) $(pls8t2j) $(pls8tybd) $(pls8tj)
7685 pls8tr = ybdr08t.pl ybdr18t.pl ybdr28t.pl ybdr2j8t.pl ybdr8t.pl ybdr8t.pl
      ybdr8t.pl ybdr8t.pl
7686 pls8tri = ybdr0i8t.pl ybdr1i8t.pl ybdr2i8t.pl ybdr2ij8t.pl ybdr8t.pl
      ybdr8t.pl
7687 pls8trc = ybdr0c8t.pl ybdr1c8t.pl ybdr2c8t.pl ybdr2cj8t.pl ybdr8t.pl
      ybdr8t.pl
7688 pls8trci = ybdr0ci8t.pl ybdr1ci8t.pl ybdr2ci8t.pl ybdr2cij8t.pl ybdr8t.pl
      ybdr8t.pl
7689 pls8tb = ybdb08t.pl ybdb18t.pl ybdb28t.pl ybdb2j8t.pl ybdb8t.pl ybdb8t.pl
      ybdb8t.pl ybdb8t.pl
7690 pls8tbi = ybdb0i8t.pl ybdb1i8t.pl ybdb2i8t.pl ybdb2ij8t.pl ydbbi8t.pl
      ydbbi8t.pl
7691 pls8tbc = ybdb0c8t.pl ybdb1c8t.pl ybdb2c8t.pl ybdb2cj8t.pl ydbbc8t.pl
      ydbbc8t.pl
7692 pls8tbci = ybdb0ci8t.pl ybdb1ci8t.pl ybdb2ci8t.pl ybdb2cij8t.pl ydbbci8t.pl
      ydbbci8t.pl
7693 pls8cybd = ybdb8c.pl ydbbc8c.pl ydbbci8c.pl ydbbi8c.pl ybdr8c.pl ybdr8c.pl
      ybdr8c.pl ybdr8c.pl
7694 pls8c0 = ybdb08c.pl ybdb0c8c.pl ybdb0ci8c.pl ybdb0i8c.pl ybdr08c.pl
      ybdr0c8c.pl ybdr0ci8c.pl ybdr0i8c.pl
7695 pls8c1 = ybdb18c.pl ybdb1c8c.pl ybdb1ci8c.pl ybdb1i8c.pl ybdr18c.pl
      ybdr1c8c.pl ybdr1ci8c.pl ybdr1i8c.pl
7696 pls8c2 = ybdb28c.pl ybdb2c8c.pl ybdb2ci8c.pl ybdb2i8c.pl ybdr28c.pl
      ybdr2c8c.pl ybdr2ci8c.pl ybdr2i8c.pl
7697 pls8c2j = ybdb2cij8c.pl ybdb2cj8c.pl ybdb2ij8c.pl ybdb2j8c.pl ybdr2cij8c.pl
      ybdr2cj8c.pl ybdr2ij8c.pl ybdr2j8c.pl
7698 pls8cj = ydbbcij8c.pl ydbbcj8c.pl ydbbij8c.pl ydbbj8c.pl ybdr8t.pl ybdr8t.pl
      ybdr8t.pl ybdr8t.pl
7699 pls8c := $(pls8c0) $(pls8c1) $(pls8c2) $(pls8c2j) $(pls8cybd) $(pls8cj)
7700 pls8cr = ybdr08c.pl ybdr18c.pl ybdr28c.pl ybdr2j8c.pl ybdr8c.pl ybdr8c.pl
      ybdr8c.pl ybdr8c.pl
7701 pls8cri = ybdr0i8c.pl ybdr1i8c.pl ybdr2i8c.pl ybdr2ij8c.pl ybdr8c.pl
      ybdr8c.pl
7702 pls8crc = ybdr0c8c.pl ybdr1c8c.pl ybdr2c8c.pl ybdr2cj8c.pl ybdr8c.pl
      ybdr8c.pl

```

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7703 pls8crcl = ybdr0ci8c.pl ybdr1ci8c.pl ybdr2ci8c.pl ybdr2cij8c.pl ybdrcl8c.pl
    ybdrcl8c.pl
7704 pls8cb = ybdb08c.pl ybdb18c.pl ybdb28c.pl ybdb2j8c.pl ybdb8c.pl ybdbj8c.pl
7705 pls8cbi = ybdb0i8c.pl ybdb1i8c.pl ybdb2i8c.pl ybdb2ij8c.pl ybdbi8c.pl
    ybdbij8c.pl
7706 pls8cbc = ybdb0c8c.pl ybdb1c8c.pl ybdb2c8c.pl ybdb2cj8c.pl ybdbc8c.pl
    ybdbcj8c.pl
7707 pls8cbci = ybdb0ci8c.pl ybdb1ci8c.pl ybdb2ci8c.pl ybdb2cij8c.pl ybdbci8c.pl
    ybdbcij8c.pl
7708 pls := $(pls8y) $(pls8t) $(pls8c)
7709 maps8yybd = ybdb8y.map ybdb8c8y.map ybdbci8y.map ybdbi8y.map ybdr8y.map
    ybdrcl8y.map ybdrcl8y.map ybdrcl8y.map
7710 maps8y0 = ybdb08y.map ybdb0c8y.map ybdb0ci8y.map ybdb0i8y.map ybdr08y.map
    ybdr0c8y.map ybdr0ci8y.map ybdr0i8y.map
7711 maps8y1 = ybdb18y.map ybdb1c8y.map ybdb1ci8y.map ybdb1i8y.map ybdr18y.map
    ybdr1c8y.map ybdr1ci8y.map ybdr1i8y.map
7712 maps8y2 = ybdb28y.map ybdb2c8y.map ybdb2ci8y.map ybdb2i8y.map ybdr28y.map
    ybdr2c8y.map ybdr2ci8y.map ybdr2i8y.map
7713 maps8y2j = ybdb2cij8y.map ybdb2cj8y.map ybdb2ij8y.map ybdb2j8y.map ybdr2cij8y.map
    ybdr2cj8y.map ybdr2ij8y.map ybdr2j8y.map
7714 maps8y2jw = ybdb2cijw8y.map ybdb2cjw8y.map ybdb2ijw8y.map ybdb2jw8y.map
    ybdr2cijw8y.map ybdr2cjw8y.map ybdr2ijw8y.map ybdr2jw8y.map
7715 maps8y2w = ybdb2ciw8y.map ybdb2cw8y.map ybdb2iw8y.map ybdb2w8y.map ybdr2ciw8y.map
    ybdr2cw8y.map ybdr2iw8y.map ybdr2w8y.map
7716 maps8yj = ybdbcij8y.map ybdbcj8y.map ybdbij8y.map ybdbj8y.map ybdrcl8y.map
    ybdrcl8y.map ybdrcl8y.map ybdrcl8y.map
7717 maps8y2jw = ybdbcijw8y.map ybdbcjw8y.map ybdbijw8y.map ybdbjw8y.map ybdrcl8y.map
    ybdrcl8y.map ybdrcl8y.map ybdrcl8y.map
7718 maps8yw = ybdbciw8y.map ybdbcw8y.map ybdbiw8y.map ybdbw8y.map ybdrcl8y.map
    ybdrcl8y.map ybdrcl8y.map ybdrcl8y.map
7719 maps8y := $(maps8y0) $(maps8y1) $(maps8y2) $(maps8y2j) $(maps8y2jw) $(maps8y2w)
    $(maps8yybd) $(maps8yw) $(maps8yj) $(maps8y2jw)
7720 maps8tybd = ybdb8t.map ybdb8c8t.map ybdbci8t.map ybdbi8t.map ybdr8t.map
    ybdrcl8t.map ybdrcl8t.map ybdrcl8t.map
7721 maps8t0 = ybdb08t.map ybdb0c8t.map ybdb0ci8t.map ybdb0i8t.map ybdr08t.map
    ybdr0c8t.map ybdr0ci8t.map ybdr0i8t.map
7722 maps8t1 = ybdb18t.map ybdb1c8t.map ybdb1ci8t.map ybdb1i8t.map ybdr18t.map
    ybdr1c8t.map ybdr1ci8t.map ybdr1i8t.map
7723 maps8t2 = ybdb28t.map ybdb2c8t.map ybdb2ci8t.map ybdb2i8t.map ybdr28t.map
    ybdr2c8t.map ybdr2ci8t.map ybdr2i8t.map
7724 maps8t2j = ybdb2cij8t.map ybdb2cj8t.map ybdb2ij8t.map ybdb2j8t.map ybdr2cij8t.map
    ybdr2cj8t.map ybdr2ij8t.map ybdr2j8t.map
7725 maps8tj = ybdbcij8t.map ybdbcj8t.map ybdbij8t.map ybdbj8t.map ybdrcl8t.map
    ybdrcl8t.map ybdrcl8t.map ybdrcl8t.map
7726 maps8t := $(maps8t0) $(maps8t1) $(maps8t2) $(maps8t2j) $(maps8t2jw) $(maps8t2w)
    $(maps8tybd) $(maps8tw) $(maps8tj) $(maps8tjw)
7727 maps8cybd = ybdb8c.map ybdb8c8c.map ybdbci8c.map ybdbi8c.map ybdr8c.map
    ybdrcl8c.map ybdrcl8c.map ybdrcl8c.map
7728 maps8c0 = ybdb08c.map ybdb0c8c.map ybdb0ci8c.map ybdb0i8c.map ybdr08c.map

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yhdr0c8c.map ybdr0ci8c.map ybdr0i8c.map
7729 maps8c1 = ybdb18c.map ybdb1c8c.map ybdb1ci8c.map ybdb1i8c.map ybdr18c.map
    ybdr1c8c.map ybdr1ci8c.map ybdr1i8c.map
7730 maps8c2 = ybdb28c.map ybdb2c8c.map ybdb2ci8c.map ybdb2i8c.map ybdr28c.map
    ybdr2c8c.map ybdr2ci8c.map ybdr2i8c.map
7731 maps8c2j = ybdb2cij8c.map ybdb2cj8c.map ybdb2ij8c.map ybdb2j8c.map ybdr2cij8c.map
    ybdr2cj8c.map ybdr2ij8c.map ybdr2j8c.map
7732 maps8cj = ybdbcij8c.map ydbbcj8c.map ybdbij8c.map ybdbj8c.map ybdrcij8c.map
    ybdrdj8c.map ybdrij8c.map ybdrj8c.map
7733 maps8c := $(maps8c0) $(maps8c1) $(maps8c2) $(maps8c2j) $(maps8c2jw) $(maps8c2w)
    $(maps8cybd) $(maps8cw) $(maps8cj) $(maps8cjw)
7734 maps := $(maps8y) $(maps8t) $(maps8c)
7735 tfms = ybdb08y.tfm ybdb0c8y.tfm ybdb0ci8y.tfm ybdb0i8y.tfm ybdb18y.tfm
    ybdb1c8y.tfm ybdb1ci8y.tfm ybdb1i8y.tfm ybdb28y.tfm ybdb2c8y.tfm ybdb2ci8y.tfm
    ybdb2cij8y.tfm ybdb2cijw8y.tfm ybdb2ciw8y.tfm ybdb2cj8y.tfm ybdb2cjw8y.tfm
    ybdb2cw8y.tfm ybdb2i8y.tfm ybdb2ij8y.tfm ybdb2ijw8y.tfm ybdb2iw8y.tfm
    ybdb2j8y.tfm ybdb2jw8y.tfm ybdb2w8y.tfm ybdb8y.tfm ydbbc8y.tfm ydbbci8y.tfm
    ydbbcij8y.tfm ydbbcijw8y.tfm ydbbciw8y.tfm ydbbcj8y.tfm ydbbcjw8y.tfm
    ydbbcw8y.tfm ydbbi8y.tfm ydbbij8y.tfm ydbbijw8y.tfm ydbbiw8y.tfm ybdbj8y.tfm
    ybdbjw8y.tfm ybdbw8y.tfm ybdr08y.tfm ybdr0c8y.tfm ybdr0ci8y.tfm ybdr0i8y.tfm
    ybdr18y.tfm ybdr1c8y.tfm ybdr1ci8y.tfm ybdr1i8y.tfm ybdr28y.tfm ybdr2c8y.tfm
    ybdr2ci8y.tfm ybdr2cij8y.tfm ybdr2cijw8y.tfm ybdr2ciw8y.tfm ybdr2cj8y.tfm
    ybdr2cjw8y.tfm ybdr2cw8y.tfm ybdr2i8y.tfm ybdr2ij8y.tfm ybdr2ijw8y.tfm
    ybdr2iw8y.tfm ybdr2j8y.tfm ybdr2jw8y.tfm ybdr2w8y.tfm ybdr8y.tfm ybdr8c.tfm
    ybdr8ci8y.tfm ybdr8cij8y.tfm ybdr8cijw8y.tfm ybdr8ciw8y.tfm ybdr8cj8y.tfm
    ybdr8cjw8y.tfm ybdr8cw8y.tfm ybdri8y.tfm ybdrij8y.tfm ybdrijw8y.tfm ybdriw8y.tfm
    ybdrj8y.tfm ybdrjw8y.tfm ybdrw8y.tfm ybdb08t.tfm ybdb0c8t.tfm ybdb0ci8t.tfm
    ybdb0i8t.tfm ybdb18t.tfm ybdb1c8t.tfm ybdb1ci8t.tfm ybdb1i8t.tfm ybdb28t.tfm
    ybdb2c8t.tfm ybdb2ci8t.tfm ybdb2cij8t.tfm ybdb2cj8t.tfm ybdb2i8t.tfm
    ybdb2ij8t.tfm ybdb2j8t.tfm ybdb8t.tfm ydbbc8t.tfm ydbbci8t.tfm ydbbcij8t.tfm
    ydbbcj8t.tfm ydbbi8t.tfm ydbbij8t.tfm ybdbj8t.tfm ybdr08t.tfm ybdr0c8t.tfm
    ybdr0ci8t.tfm ybdr0i8t.tfm ybdr18t.tfm ybdr1c8t.tfm ybdr1ci8t.tfm ybdr1i8t.tfm
    ybdr28t.tfm ybdr2c8t.tfm ybdr2ci8t.tfm ybdr2cij8t.tfm ybdr2cj8t.tfm
    ybdr2i8t.tfm ybdr2ij8t.tfm ybdr2j8t.tfm ybdr8t.tfm ybdr8c.tfm ybdr8ci8t.tfm
    ybdr8cij8t.tfm ybdr8cj8t.tfm ybdri8t.tfm ybdrij8t.tfm ybdrj8t.tfm ybdb08c.tfm
    ybdb0c8c.tfm ybdb0ci8c.tfm ybdb0i8c.tfm ybdb18c.tfm ybdb1c8c.tfm ybdb1ci8c.tfm
    ybdb1i8c.tfm ybdb28c.tfm ybdb2c8c.tfm ybdb2ci8c.tfm ybdb2cij8c.tfm
    ybdb2cj8c.tfm ybdb2i8c.tfm ybdb2ij8c.tfm ybdb2j8c.tfm ybdb8c.tfm
    ydbbc8c.tfm ydbbci8c.tfm ydbbcij8c.tfm ydbbcj8c.tfm ydbbi8c.tfm ydbbij8c.tfm
    ybdbj8c.tfm ybdr08c.tfm ybdr0c8c.tfm ybdr0ci8c.tfm ybdr0i8c.tfm ybdr18c.tfm
    ybdr1c8c.tfm ybdr1ci8c.tfm ybdr1i8c.tfm ybdr28c.tfm ybdr2c8c.tfm ybdr2ci8c.tfm
    ybdr2cij8c.tfm ybdr2cj8c.tfm ybdr2i8c.tfm ybdr2ij8c.tfm ybdr2j8c.tfm
    ybdr8c.tfm ybdr8c.tfm ybdr8ci8c.tfm ybdr8cij8c.tfm ybdr8cj8c.tfm ybdri8c.tfm
    ybdrij8c.tfm ybdrj8c.tfm
7736 pfbs = ybdb.pfb ydbbc.pfb ydbbci.pfb ydbbi.pfb ybdr.pfb ybdr8c.pfb ybdr8ci.pfb
    ybdr8ci.pfb
7737 afms = ybdb.afm ydbbc.afm ydbbci.afm ydbbi.afm ybdr.afm ybdr8c.afm ybdr8ci.afm
    ybdr8ci.afm
7738 encs = texnansi-ybd.enc texnansi-ybd0.enc texnansi-ybd1.enc texnansi-ybd2.enc

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texnansi-ybd2j.enc texnansi-ybdj.enc texnansx-ybd2jw.enc texnansx-ybd2w.enc
texnansx-ybdjw.enc texnansx-ybdw.enc t1-ybd.enc t1-ybd0.enc t1-ybd1.enc
t1-ybd2.enc t1-ybd2j.enc t1-ybdj.enc ts1-ybd.enc ts1-ybd0.enc ts1-ybd1.enc
ts1-ybd2.enc ts1-ybd2j.enc ts1-ybdj.enc
7739 ofts = BerenisADFPPro-Bold.otf BerenisADFPPro-BoldItalic.otf BerenisADFPPro-Italic.otf
BerenisADFPPro-Regular.otf BerenisADFPProSC-Bold.otf BerenisADFPProSC-BoldItalic.otf
BerenisADFPProSC-Italic.otf BerenisADFPProSC-Regular.otf
7740 fds = ly1ybd.fd ly1ybd0.fd ly1ybd1.fd ly1ybd2.fd ly1ybd2j.fd ly1ybd2jw.fd
ly1ybd2w.fd ly1ybdj.fd ly1ybdjw.fd ly1ybdw.fd t1ybd.fd t1ybd0.fd t1ybd1.fd
t1ybd2.fd t1ybd2j.fd t1ybdj.fd ts1ybd.fd ts1ybd0.fd ts1ybd1.fd ts1ybd2.fd
ts1ybd2j.fd ts1ybdj.fd
7741
7742 srcdir = .
7743 enw = berenisadf
7744 version = 1.004
7745 release = 6
7746
7747 temp := $(pls) $(maps)
7748 lpplder := $(tfms) ybd.map berenisadf.pdf
7749 gplder := $(pfbs) $(afms) COPYING.unix
7750 derived := $(temp) $(lpplder) $(gplder)
7751 lpplnonder := $(encs) ybd.nam ff-ybd.pe ybd-8y.lig ybd-8t.lig $(fds)
berenis.sty berenisadf.tex README Makefile cfr.gwneud.cyhoeddus
7752 gplnonder := $(otfs) COPYING NOTICE.txt
7753 nonderived := $(lpplnonder) $(gplder)
7754 gpl := $(gplder) $(gplnonder)
7755 lppl := $(lpplder) $(lpplnonder)
7756
7757 all : $(pfbs) $(tfms) ybd.map
7758
7759 doc : berenisadf.pdf COPYING COPYING.unix NOTICE.txt README manifest.txt
7760
7761 ctanlists : der nonder adf
7762
7763 ctandirs : ctanlists cfr.gwneud.cyhoeddus
7764 ./cfr.gwneud.cyhoeddus -a ./adf -d ./der -n ./nonder -f berenisadf
-m berenisadf -t afm2pl -v arkandis
7765
7766 ctanarc : ctandirs
7767 mkdir $(enw)
7768 mv doc fonts source tex README $(enw)/
7769 chmod 755 $(enw)
7770 tar -czf $(enw)-$(version)-$(release).tar.gz $(enw)
7771
7772 clean :
7773 -rm $(derived) der nonder adf
7774
7775 tidy :
7776 -rm $(temp)

```

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7777
7778 tidier :
7779 -rm $(temp) der nonder adf
7780
7781 tidytex :
7782 latexmk -c
7783 -rm *.log *.aux *~.tex *.synctex.gz *.toc *.out
7784
7785 .PHONY : ctanlists ctandirs ctanarc clean doc tidy tidier tidytex all
7786 # use intermediate if temporary files should be deleted by make
7787 #.INTERMEDIATE : $(maps)
7788 # use secondary if they should be kept
7789 .SECONDARY : $(maps) $(pls)
7790
7791 der : Makefile $(lpplder)
7792 ls $(lpplder) > der
7793 nonder : $(lpplnonder)
7794 ls $(lpplnonder) > nonder
7795 adf : Makefile $(gpl)
7796 ls $(gpl) > adf
7797 manifest.txt : ctandirs
7798
7799 berenisadf.pdf : berenisadf.tex berenis.sty $(tfms) $(pfb) ybd.map
7800 latexmk -pdf -pv- -pvc- berenisadf.tex
7801
7802 $(afms) : %.afm : %.pfb
7803 $(pfb) : ff-ybd.pe ybd.nam $(otfs)
7804 @printf %b "Generating type 1 from $(subst .pfb,.otf,$(subst ybd,BerenisADFPPro,$(subst
-r,-Regular,$(subst -b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst
ybd,ybd-r,$(subst bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@)))))))))\n"
7805 @fontforge -lang=ff -script $(srcdir)/ff-ybd.pe $(subst .pfb,.otf,$(subst
ybd,BerenisADFPPro,$(subst -r,-Regular,$(subst -b,-Bold,$(subst -rI,-I,$(subst
ybdb,ybd-b,$(subst ybdr,ybd-r,$(subst bc,SC-b,$(subst rc,SC-r,$(subst
i,Italic,$@)))))))))
7806 @printf %b "Moving $(subst .pfb,.afm,$(subst ybd,BerenisADFPPro,$(subst
-r,-Regular,$(subst -b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst
ybdr,ybd-r,$(subst bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@)))))))))
to $(subst .pfb,.afm,$@)\n"
7807 mv $(subst .pfb,.afm,$(subst ybd,BerenisADFPPro,$(subst -r,-Regular,$(subst
-b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst ybdr,ybd-r,$(subst
bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@))))))))) $(subst .pfb,.afm,$@)
7808 @printf %b "Moving $(subst ybd,BerenisADFPPro,$(subst -r,-Regular,$(subst
-b,-Bold,$(subst -rI,-I,$(subst ybdb,ybd-b,$(subst ybdr,ybd-r,$(subst
bc,SC-b,$(subst rc,SC-r,$(subst i,Italic,$@))))))))) to $@\n"
7809 mv $(subst ybd,BerenisADFPPro,$(subst -r,-Regular,$(subst -b,-Bold,$(subst
-rI,-I,$(subst ybdb,ybd-b,$(subst ybdr,ybd-r,$(subst bc,SC-b,$(subst
rc,SC-r,$(subst i,Italic,$@))))))))) $@
7810
7811 $(maps) : %.map : %.pl

```

```

7812 $(pls8yybd) : %8y.pl : %.afm ybd-8y.lig texnansi-ybd.enc
7813 @echo $< \=> $@
7814 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd.enc $< $@
7815 $(pls8y0) : ybd-8y.lig texnansi-ybd0.enc
7816 @echo $(subst 8y.pl,.afm,$(subst 0,, $@)) \=> $@
7817 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd0.enc $(subst 8y.pl,.afm,$(subst
0,, $@)) $@
7818 $(pls8y1) : ybd-8y.lig texnansi-ybd1.enc
7819 @echo $(subst 8y.pl,.afm,$(subst 1,, $@)) \=> $@
7820 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd1.enc $(subst 8y.pl,.afm,$(subst
1,, $@)) $@
7821 $(pls8y2) : ybd-8y.lig texnansi-ybd2.enc
7822 @echo $(subst 8y.pl,.afm,$(subst 2,, $@)) \=> $@
7823 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd2.enc $(subst 8y.pl,.afm,$(subst
2,, $@)) $@
7824 $(pls8y2j) : ybd-8y.lig texnansi-ybd2j.enc
7825 @echo $(subst 8y.pl,.afm,$(subst j,, $(subst 2,, $@))) \=> $@
7826 -afm2pl -l ybd-8y.lig -n -p texnansi-ybd2j.enc $(subst 8y.pl,.afm,$(subst
j,, $(subst 2,, $@))) $@
7827 $(pls8y2jw) : ybd-8y.lig texnansx-ybd2jw.enc
7828 @echo $(subst 8y.pl,.afm,$(subst j,, $(subst w,, $(subst 2,, $@)))) \=>
$@
7829 -afm2pl -l ybd-8y.lig -n -p texnansx-ybd2jw.enc $(subst 8y.pl,.afm,$(subst
j,, $(subst w,, $(subst 2,, $@)))) $@
7830 $(pls8y2w) : ybd-8y.lig texnansx-ybd2w.enc
7831 @echo $(subst 8y.pl,.afm,$(subst w,, $(subst 2,, $@))) \=> $@
7832 -afm2pl -l ybd-8y.lig -n -p texnansx-ybd2w.enc $(subst 8y.pl,.afm,$(subst
w,, $(subst 2,, $@))) $@
7833 $(pls8yj) : %j8y.pl : %.afm ybd-8y.lig texnansi-ybdj.enc
7834 @echo $< \=> $@
7835 -afm2pl -l ybd-8y.lig -n -p texnansi-ybdj.enc $< $@
7836 $(pls8yjwt) : %jwt8y.pl : %.afm ybd-8y.lig texnansx-ybdjwt.enc
7837 @echo $< \=> $@
7838 -afm2pl -l ybd-8y.lig -n -p texnansx-ybdjwt.enc $< $@
7839 $(pls8ywt) : %wt8y.pl : %.afm ybd-8y.lig texnansx-ybdwt.enc
7840 @echo $< \=> $@
7841 -afm2pl -l ybd-8y.lig -n -p texnansx-ybdwt.enc $< $@
7842 $(pls8tybd) : %8t.pl : %.afm ybd-8t.lig t1-ybd.enc
7843 @echo $< \=> $@
7844 -afm2pl -l ybd-8t.lig -n -p t1-ybd.enc $< $@
7845 $(pls8t0) : ybd-8t.lig t1-ybd0.enc
7846 @echo $(subst 8t.pl,.afm,$(subst 0,, $@)) \=> $@
7847 -afm2pl -l ybd-8t.lig -n -p t1-ybd0.enc $(subst 8t.pl,.afm,$(subst
0,, $@)) $@
7848 $(pls8t1) : ybd-8t.lig t1-ybd1.enc
7849 @echo $(subst 8t.pl,.afm,$(subst 1,, $@)) \=> $@
7850 -afm2pl -l ybd-8t.lig -n -p t1-ybd1.enc $(subst 8t.pl,.afm,$(subst
1,, $@)) $@
7851 $(pls8t2) : ybd-8t.lig t1-ybd2.enc

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```

7852 @echo $(subst 8t.pl,.afm,$(subst 2,,,$@)) \=> $@
7853 -afm2pl -l ybd-8t.lig -n -p t1-ybd2.enc $(subst 8t.pl,.afm,$(subst
7854 2,,,$@)) $@
7854 $(pls8t2j) : ybd-8t.lig t1-ybd2j.enc
7855 @echo $(subst 8t.pl,.afm,$(subst j,,,$(subst 2,,,$@))) \=> $@
7856 -afm2pl -l ybd-8t.lig -n -p t1-ybd2j.enc $(subst 8t.pl,.afm,$(subst
7857 j,,,$(subst 2,,,$@))) $@
7857 $(pls8tj) : %j8t.pl : %.afm ybd-8t.lig t1-ybdj.enc
7858 @echo $< \=> $@
7859 -afm2pl -l ybd-8t.lig -n -p t1-ybdj.enc $< $@
7860 $(pls8cybd) : %8c.pl : %.afm ybd-8t.lig ts1-ybd.enc
7861 @echo $< \=> $@
7862 -afm2pl -l ybd-8t.lig -n -p ts1-ybd.enc $< $@
7863 $(pls8c0) : ybd-8t.lig ts1-ybd0.enc
7864 @echo $(subst 8c.pl,.afm,$(subst 0,,,$@)) \=> $@
7865 -afm2pl -l ybd-8t.lig -n -p ts1-ybd0.enc $(subst 8c.pl,.afm,$(subst
7866 0,,,$@)) $@
7866 $(pls8c1) : ybd-8t.lig ts1-ybd1.enc
7867 @echo $(subst 8c.pl,.afm,$(subst 1,,,$@)) \=> $@
7868 -afm2pl -l ybd-8t.lig -n -p ts1-ybd1.enc $(subst 8c.pl,.afm,$(subst
7869 1,,,$@)) $@
7869 $(pls8c2) : ybd-8t.lig ts1-ybd2.enc
7870 @echo $(subst 8c.pl,.afm,$(subst 2,,,$@)) \=> $@
7871 -afm2pl -l ybd-8t.lig -n -p ts1-ybd2.enc $(subst 8c.pl,.afm,$(subst
7872 2,,,$@)) $@
7872 $(pls8c2j) : ybd-8t.lig ts1-ybd2j.enc
7873 @echo $(subst 8c.pl,.afm,$(subst j,,,$(subst 2,,,$@))) \=> $@
7874 -afm2pl -l ybd-8t.lig -n -p ts1-ybd2j.enc $(subst 8c.pl,.afm,$(subst
7875 j,,,$(subst 2,,,$@))) $@
7875 $(pls8cj) : %j8c.pl : %.afm ybd-8t.lig ts1-ybdj.enc
7876 @echo $< \=> $@
7877 -afm2pl -l ybd-8t.lig -n -p ts1-ybdj.enc $< $@
7878
7879 $(plsr) : ybdr.afm
7880 $(plsri) : ybdri.afm
7881 $(plsrc) : ybdrc.afm
7882 $(plsrci) : ybdrci.afm
7883 $(plsb) : ybdb.afm
7884 $(plsbi) : ydbbi.afm
7885 $(plsbci) : ydbbc.afm
7886 $(plsbci) : ydbbci.afm
7887
7888 ybd.map : $(maps)
7889 @printf %b "Creating ybd.map...\n"
7890 cat $(maps) > ybd.map
7891
7892 $(tfms) : %.tfm : %.pl
7893 @echo $< \=> $@
7894 pltotf $< $@

```

7895
7896 %MAKE

B.3.2 FontForge

Requires FontForge.

The included Makefile in turn uses a FontForge script to convert the opentype fonts to postscript type 1 for use with 8-bit engines. This is the script used to do the conversion.

`ff-ybd.pe` (*script*) The script was legacy when this was first written, so we need `-lang=ff`. We also need to scotch the comments of which docstrip is so fond, because the shebang must be the first line. We use Lua to set the executable bit after extraction.

```

7897 %<<PE
7898 #!/usr/bin/fontforge -lang=ff
7899
7900 LoadNamelist("ybd.nam")
7901
7902 i = 1
7903
7904 while ( i < $argc )
7905
7906   Open($argv[i])
7907   RenameGlyphs("ybd")
7908
7909   # to make an even number of $ signs
7910   Generate($argv[i]:r + ".pfb","", -1)
7911   i = i+1
7912
7913 endloop
7914
7915 # vim: set nospell:
7916 %PE

```

B.4 Ligatures

We also need to define the ligatures, including both standard and non-standard ones.

B.4.1 Tl

`ybd-8t.lig` (*script*) Ligatures for Tl.

```

7917 || = cwm ;
7918
7919 question quoteleft =: questiondown ;
7920 exclam quoteleft =: exclamdown ;
7921 hyphen hyphen =: endash ; endash hyphen =: emdash ;
7922 quoteleft quoteleft =: quotedblleft ;
7923 quoteright quoteright =: quotedblright ;
7924 less less =: guillemotleft ;
7925 greater greater =: guillemotright ;
7926
7927 space {} * ; * {} space ;
7928
7929 Aacute <> A ; aacute <> a ;
7930 Abreve <> A ; abreve <> a ;

```

```

7931 Acircumflex <> A ; acircumflex <> a ;
7932 Adieresis <> A ; adieresis <> a ;
7933 Agrave <> A ; agrave <> a ;
7934 Aogonek <> A ; aogonek <> a ;
7935 Aring <> A ; aring <> a ;
7936 Atilde <> A ; atilde <> a ;
7937 Cacute <> C ; cacute <> c ;
7938 Ccaron <> C ; ccaron <> c ;
7939 Ccedilla <> C ; ccedilla <> c ;
7940 Dcaron <> D ; dcaron <> d ;
7941 Eacute <> E ; eacute <> e ;
7942 Ecaron <> E ; ecaron <> e ;
7943 Ecircumflex <> E ; ecircumflex <> e ;
7944 Edieresis <> E ; edieresis <> e ;
7945 Egrave <> E ; egrave <> e ;
7946 Eogonek <> E ; eogonek <> e ;
7947 Gbreve <> G ; gbreve <> g ;
7948 Iacute <> I ; iacute <> i ;
7949 Icircumflex <> I ; icircumflex <> i ;
7950 Idieresis <> I ; idieresis <> i ;
7951 Idotaccent <> I ;
7952 Igrave <> I ; igrave <> i ;
7953 Lacute <> L ; lacute <> l ;
7954 Lcaron <> L ; lcaron <> l ;
7955 Nacute <> N ; nacute <> n ;
7956 Ncaron <> N ; ncaron <> n ;
7957 Ntilde <> N ; ntilde <> n ;
7958 Oacute <> O ; oacute <> o ;
7959 Ocircumflex <> O ; ocircumflex <> o ;
7960 Odieresis <> O ; odieresis <> o ;
7961 Ograve <> O ; ograve <> o ;
7962 Oslash <> O ; oslash <> o ;
7963 Otilde <> O ; otilde <> o ;
7964 Racute <> R ; racute <> r ;
7965 Rcaron <> R ; rcaron <> r ;
7966 Sacute <> S ; sacute <> s ;
7967 Scaron <> S ; scaron <> s ;
7968 Scedilla <> S ; scedilla <> s ;
7969 Tcaron <> T ; tcaron <> t ;
7970 Tcedilla <> T ; tcedilla <> t ;
7971 Uacute <> U ; uacute <> u ;
7972 Ucircumflex <> U ; ucircumflex <> u ;
7973 Udieresis <> U ; udieresis <> u ;
7974 Ugrave <> U ; ugrave <> u ;
7975 Uring <> U ; uring <> u ;
7976 Yacute <> Y ; yacute <> y ;
7977 Ydieresis <> Y ; ydieresis <> y ;
7978 Zacute <> Z ; zacute <> z ;
7979 Zcaron <> Z ; zcaron <> z ;
7980 Zdotaccent <> Z ; zdotaccent <> z ;
7981
7982 f i =: fi ; f l =: fl ; f f =: ff ; ff i =: ffi ;
7983 ff l =: ffl ;

```

B.4.2 LY1ybd-8y.lig (*script*) Ligatures for LY1.

```

7984 || = cwm ;
7985
7986 question quoteleft =: questiondown ;
7987 exclam quoteleft =: exclamdown ;
7988 hyphen hyphen =: endash ; endash hyphen =: emdash ;
7989 quoteleft quoteleft =: quotedblleft ;
7990 quoteright quoteright =: quotedblright ;
7991 less less =: guillemotleft ;
7992 greater greater =: guillemotright ;
7993
7994 space {} * ; * {} space ;
7995
7996 Aacute <> A ; aacute <> a ;
7997 Acircumflex <> A ; acircumflex <> a ;
7998 Adieresis <> A ; adieresis <> a ;
7999 Agrave <> A ; agrave <> a ;
8000 Aring <> A ; aring <> a ;
8001 Atilde <> A ; atilde <> a ;
8002 Cedilla <> C ; cedilla <> c ;
8003 Eacute <> E ; eacute <> e ;
8004 Ecircumflex <> E ; ecircumflex <> e ;
8005 Edieresis <> E ; edieresis <> e ;
8006 Egrave <> E ; egrave <> e ;
8007 Iacute <> I ; iacute <> i ;
8008 Icircumflex <> I ; icircumflex <> i ;
8009 Idieresis <> I ; idieresis <> i ;
8010 Igrave <> I ; igrave <> i ;
8011 Ntilde <> N ; ntilde <> n ;
8012 Oacute <> O ; oacute <> o ;
8013 Ocircumflex <> O ; ocircumflex <> o ;
8014 Odieresis <> O ; odieresis <> o ;
8015 Ograve <> O ; ograve <> o ;
8016 Oslash <> O ; oslash <> o ;
8017 Otilde <> O ; otilde <> o ;
8018 Scaron <> S ; scaron <> s ;
8019 Uacute <> U ; uacute <> u ;
8020 Ucircumflex <> U ; ucircumflex <> u ;
8021 Udieresis <> U ; udieresis <> u ;
8022 Ugrave <> U ; ugrave <> u ;
8023 Wcircumflex <> W ; wcircumflex <> w ;
8024 Yacute <> Y ; yacute <> y ;
8025 Ycircumflex <> Y ; ycircumflex <> y ;
8026 Ydieresis <> Y ; ydieresis <> y ;
8027 Zcaron <> Z ; zcaron <> z ;
8028
8029 f i =: fi ; f l =: fl ; f f =: ff ; ff i =: ffi ;
8030 ff l =: ffl ; f j =: fj ; ff j =: ffj ; f t =: ft ; ff t =: fft ;
8031
8032 c h =: ch ; c k =: ck ; c l =: cl ; c t =: ct ;
8033
8034 s h =: sh ; s k =: sk ; s l =: sl ; s p =: sp ; s t =: st ;
8035

```

```

8036 t t =: tt ;
8037
8038 Q asterisk =: Qalt ;

```

B.5 Names

ybd.nam (*script*) Names for FontForge.

8039 %<<NAM	8086 0x004E N
8040 0x0020 space	8087 0x004F O
8041 0x0021 exclam	8088 0x0050 P
8042 0x0022 quotedbl	8089 0x0051 Q
8043 0x0023 numbersign	8090 0x0052 R
8044 0x0024 dollar	8091 0x0053 S
8045 0x0025 percent	8092 0x0054 T
8046 0x0026 ampersand	8093 0x0055 U
8047 0x0027 quotesingle	8094 0x0056 V
8048 0x0028 parenleft	8095 0x0057 W
8049 0x0029 parenright	8096 0x0058 X
8050 0x002A asterisk	8097 0x0059 Y
8051 0x002B plus	8098 0x005A Z
8052 0x002C comma	8099 0x005B bracketleft
8053 0x002D hyphen	8100 0x005C backslash
8054 0x002E period	8101 0x005D bracketright
8055 0x002F slash	8102 0x005E asciicircum
8056 0x0030 zero	8103 0x005F underscore
8057 0x0031 one	8104 0x0060 grave
8058 0x0032 two	8105 0x0061 a
8059 0x0033 three	8106 0x0062 b
8060 0x0034 four	8107 0x0063 c
8061 0x0035 five	8108 0x0064 d
8062 0x0036 six	8109 0x0065 e
8063 0x0037 seven	8110 0x0066 f
8064 0x0038 eight	8111 0x0067 g
8065 0x0039 nine	8112 0x0068 h
8066 0x003A colon	8113 0x0069 i
8067 0x003B semicolon	8114 0x006A j
8068 0x003C less	8115 0x006B k
8069 0x003D equal	8116 0x006C l
8070 0x003E greater	8117 0x006D m
8071 0x003F question	8118 0x006E n
8072 0x0040 at	8119 0x006F o
8073 0x0041 A	8120 0x0070 p
8074 0x0042 B	8121 0x0071 q
8075 0x0043 C	8122 0x0072 r
8076 0x0044 D	8123 0x0073 s
8077 0x0045 E	8124 0x0074 t
8078 0x0046 F	8125 0x0075 u
8079 0x0047 G	8126 0x0076 v
8080 0x0048 H	8127 0x0077 w
8081 0x0049 I	8128 0x0078 x
8082 0x004A J	8129 0x0079 y
8083 0x004B K	8130 0x007A z
8084 0x004C L	8131 0x007B braceleft
8085 0x004D M	8132 0x007C bar

8133 0x007D	braceright	8192 0x00D8	Oslash
8134 0x007E	asciitilde	8193 0x00D9	Ugrave
8135 0x00A1	exclamdown	8194 0x00DA	Uacute
8139 0x00A2	cent	8195 0x00DB	Ucircumflex
8140 0x00A3	sterling	8196 0x00DC	Udieresis
8141 0x00A4	currency	8197 0x00DD	Yacute
8142 0x00A5	yen	8198 0x00DE	Thorn
8143 0x00A6	brokenbar	8199 0x00DF	germandbls
8144 0x00A7	section	8200 0x00E0	agrave
8145 0x00A8	dieresis	8201 0x00E1	aacute
8146 0x00A9	copyright	8202 0x00E2	acircumflex
8147 0x00AA	ordfeminine	8203 0x00E3	atilde
8148 0x00AB	guillemotleft	8204 0x00E4	adieresis
8149 0x00AC	logicalnot	8205 0x00E5	aring
8150 0x00AD	sfthyphen	8206 0x00E6	ae
8151 0x00AE	registered	8207 0x00E7	cedilla
8152 0x00AF	macron	8208 0x00E8	egrave
8153 0x00B0	degree	8209 0x00E9	eacute
8154 0x00B1	plusminus	8210 0x00EA	ecircumflex
8155 0x00B2	two.superior	8211 0x00EB	edieresis
8156 0x00B3	three.superior	8212 0x00EC	igrave
8157 0x00B4	acute	8213 0x00ED	iacute
8158 0x00B6	paragraph	8214 0x00EE	icircumflex
8159 0x00B7	periodcentered	8215 0x00EF	idieresis
8160 0x00B8	cedilla	8216 0x00F0	eth
8161 0x00B9	one.superior	8217 0x00F1	ntilde
8162 0x00BA	ordmasculine	8218 0x00F2	ograve
8163 0x00BB	guillemotright	8219 0x00F3	oacute
8164 0x00BC	onequarter	8220 0x00F4	ocircumflex
8165 0x00BD	onehalf	8221 0x00F5	otilde
8166 0x00BE	threequarters	8222 0x00F6	odieresis
8167 0x00BF	questiondown	8223 0x00F7	divide
8168 0x00C0	Agrave	8224 0x00F8	oslash
8169 0x00C1	Aacute	8225 0x00F9	ugrave
8170 0x00C2	Acircumflex	8226 0x00FA	uacute
8171 0x00C3	Atilde	8227 0x00FB	ucircumflex
8172 0x00C4	Adieresis	8228 0x00FC	udieresis
8173 0x00C5	Aring	8229 0x00FD	yacute
8174 0x00C6	AE	8230 0x00FE	thorn
8175 0x00C7	Ccedilla	8231 0x00FF	ydieresis
8176 0x00C8	Egrave	8232 0x0100	Amacron
8177 0x00C9	Eacute	8233 0x0101	amacron
8178 0x00CA	Ecircumflex	8234 0x0102	Abreve
8179 0x00CB	Edieresis	8235 0x0103	abreve
8180 0x00CC	Igrave	8236 0x0104	Aogonek
8181 0x00CD	Iacute	8237 0x0105	aogonek
8182 0x00CE	Icircumflex	8238 0x0106	Cacute
8183 0x00CF	Idieresis	8239 0x0107	cacute
8184 0x00D0	Eth	8240 0x0108	Ccircumflex
8185 0x00D1	Ntilde	8241 0x0109	ccircumflex
8186 0x00D2	Ograve	8242 0x010A	Cdotaccent
8187 0x00D3	Oacute	8243 0x010B	cdotaccent
8188 0x00D4	Ocircumflex	8244 0x010C	Ccaron
8189 0x00D5	Otilde	8245 0x010D	ccaron
8190 0x00D6	Odieresis	8246 0x010E	Dcaron
8191 0x00D7	multiply	8247 0x010F	dcaron

8248 0x0110	Dcroat	8307 0x0148	ncaron
8249 0x0111	dcroat	8308 0x0149	napostrophe
8250 0x0112	Emacron	8309 0x014A	Eng
8254 0x0113	emacron	8310 0x014B	eng
8255 0x0114	Ebreve	8311 0x014C	Omacron
8256 0x0115	ebreve	8312 0x014D	omacron
8257 0x0116	Edotaccent	8313 0x014E	Obreve
8258 0x0117	edotaccent	8314 0x014F	obreve
8259 0x0118	Eogonek	8315 0x0150	Ohungarumlaut
8260 0x0119	eogonek	8316 0x0151	ohungarumlaut
8261 0x011A	Ecaron	8317 0x0152	OE
8262 0x011B	ecaron	8318 0x0153	oe
8263 0x011C	Gcircumflex	8319 0x0154	Racute
8264 0x011D	gcircumflex	8320 0x0155	racute
8265 0x011E	Gbreve	8321 0x0156	Rcommaaccent
8266 0x011F	gbreve	8322 0x0157	rcommaaccent
8267 0x0120	Gdotaccent	8323 0x0158	Rcaron
8268 0x0121	gdotaccent	8324 0x0159	rcaron
8269 0x0122	Gcommaaccent	8325 0x015A	Sacute
8270 0x0123	gcommaaccent	8326 0x015B	sacute
8271 0x0124	Hcircumflex	8327 0x015C	Scircumflex
8272 0x0125	hcircumflex	8328 0x015D	scircumflex
8273 0x0126	Hbar	8329 0x015E	Scedilla
8274 0x0127	hbar	8330 0x015F	scedilla
8275 0x0128	Itilde	8331 0x0160	Scaron
8276 0x0129	itilde	8332 0x0161	scaron
8277 0x012A	Imacron	8333 0x0162	Tcedilla
8278 0x012B	imacron	8334 0x0163	tcedilla
8279 0x012C	Ibreve	8335 0x0164	Tcaron
8280 0x012D	ibreve	8336 0x0165	tcaron
8281 0x012E	Iogonek	8337 0x0166	Tbar
8282 0x012F	iogonek	8338 0x0167	tbar
8283 0x0130	Idotaccent	8339 0x0168	Utilde
8284 0x0131	dotlessi	8340 0x0169	utilde
8285 0x0132	IJ	8341 0x016A	Umacron
8286 0x0133	ij	8342 0x016B	umacron
8287 0x0134	Jcircumflex	8343 0x016C	Ubreve
8288 0x0135	jcircumflex	8344 0x016D	ubreve
8289 0x0136	Kcommaaccent	8345 0x016E	Uring
8290 0x0137	kcommaaccent	8346 0x016F	uring
8291 0x0138	kgreenlandic	8347 0x0170	Uhungarumlaut
8292 0x0139	Lacute	8348 0x0171	uhungarumlaut
8293 0x013A	lacute	8349 0x0172	Uogonek
8294 0x013B	Lcommaaccent	8350 0x0173	uogonek
8295 0x013C	lcommaaccent	8351 0x0174	Wcircumflex
8296 0x013D	Lcaron	8352 0x0175	wcircumflex
8297 0x013E	lcaron	8353 0x0176	Ycircumflex
8298 0x013F	Ldot	8354 0x0177	ycircumflex
8299 0x0140	ldot	8355 0x0178	Ydieresis
8300 0x0141	Lslash	8356 0x0179	Zacute
8301 0x0142	lslash	8357 0x017A	zacute
8302 0x0143	Nacute	8358 0x017B	Zdotaccent
8303 0x0144	nacute	8359 0x017C	zdotaccent
8304 0x0145	Ncommaaccent	8360 0x017D	Zcaron
8305 0x0146	ncommaaccent	8361 0x017E	zcaron
8306 0x0147	Ncaron	8362 0x017F	longs

8363 0x0192	florin	8422 0x2085	five.inferior
8364 0x0218	Scommaaccent	8423 0x2086	six.inferior
8365 0x0219	scommaaccent	8424 0x2087	seven.inferior
8369 0x02C6	circumflex	8425 0x2088	eight.inferior
8370 0x02C7	caron	8426 0x2089	nine.inferior
8371 0x02D8	breve	8427 0x208D	parenleft.inferior
8372 0x02D9	dotaccent	8428 0x208E	parenright.inferior
8373 0x02DA	ring	8429 0x20AC	Euro
8374 0x02DB	ogonek	8430 0x2113	lscript
8375 0x02DC	tilde	8431 0x2116	numero
8376 0x02DD	hungarumlaut	8432 0x2122	trademark
8377 0x03C0	pi	8433 0x212E	estimated
8378 0x1E80	Wgrave	8434 0x2153	onethird
8379 0x1E81	wgrave	8435 0x2154	twothirds
8380 0x1E82	Wacute	8436 0x215B	oneeighth
8381 0x1E83	wacute	8437 0x215C	threeeighths
8382 0x1E84	Wdieresis	8438 0x215D	fiveeighths
8383 0x1E85	wdieresis	8439 0x215E	seveneighths
8384 0x1EF2	Ygrave	8440 0x2202	partialdiff
8385 0x1EF3	ygrave	8441 0x220F	product
8386 0x2012	figuredash	8442 0x2211	summation
8387 0x2013	endash	8443 0x2212	minus
8388 0x2014	emdash	8444 0x2215	divisionslash
8389 0x2015	afii00208	8445 0x2217	asteriskmath
8390 0x2018	quotelleft	8446 0x2219	bulletoperator
8391 0x2019	quoteright	8447 0x221A	radical
8392 0x201A	quotesinglbase	8448 0x221E	infinity
8393 0x201B	quotereversed	8449 0x222B	integral
8394 0x201C	quotedblleft	8450 0x2248	approxequal
8395 0x201D	quotedblright	8451 0x2260	notequal
8396 0x201E	quotedblbase	8452 0x2264	lessequal
8397 0x2020	dagger	8453 0x2265	greaterequal
8398 0x2021	daggerdbl	8454 0x25CA	lozenge
8399 0x2022	bullet	8455 0xE674	Qalt
8400 0x2024	onedotenleader	8456 0xE6A4	ct
8401 0x2025	twodotenleader	8457 0xE6A5	sp
8402 0x2026	ellipsis	8458 0xE6A6	ch
8403 0x2030	perthousand	8459 0xE6A7	ck
8404 0x2039	guilsinglleft	8460 0xE6A8	cl
8405 0x203A	guilsinglright	8461 0xE6A9	sh
8406 0x2044	fraction	8462 0xE6AA	sk
8407 0x2070	zero.superior	8463 0xE6AB	sl
8408 0x2074	four.superior	8464 0xE6AC	fj
8409 0x2075	five.superior	8465 0xE6AD	ffj
8410 0x2076	six.superior	8466 0xE6AE	ft
8411 0x2077	seven.superior	8467 0xE6AF	fft
8412 0x2078	eight.superior	8468 0xE6B0	tt
8413 0x2079	nine.superior	8469 0xE6C8	plus.superior
8414 0x207D	parenleft.superior	8470 0xE6C9	sterling.superior
8415 0x207E	parenright.superior	8471 0xE6CA	yen.superior
8416 0x207F	n.superior	8472 0xE6CB	Euro.superior
8417 0x2080	zero.inferior	8473 0xE6CC	plus.inferior
8418 0x2081	one.inferior	8474 0xE6CD	sterling.inferior
8419 0x2082	two.inferior	8475 0xE6CE	yen.inferior
8420 0x2083	three.inferior	8476 0xE6CF	Euro.inferior
8421 0x2084	four.inferior	8477 0xE6D0	plus.denominator

8478 0xE6D1	sterling.denominator	8537 0xF64B	eight.taboldstyle
8479 0xE6D2	yen.denominator	8538 0xF64C	nine.taboldstyle
8480 0xE6D3	Euro.denominator	8539 0xF64E	Euro.taboldstyle
8484 0xE6D4	plus.numerator	8540 0xF650	numbersign.taboldstyle
8485 0xE6D5	sterling.numerator	8541 0xF651	sterling.taboldstyle
8486 0xE6D6	yen.numerator	8542 0xF652	yen.taboldstyle
8487 0xE6D7	Euro.numerator	8543 0xF653	dollar.taboldstyle
8488 0xE6D8	zero.slashfitted	8544 0xF654	cent.taboldstyle
8489 0xE6D9	dollar.fitted	8545 0xF655	zero.denominator
8490 0xE6DA	cent.fitted	8546 0xF656	one.denominator
8491 0xE6DB	sterling.fitted	8547 0xF657	two.denominator
8492 0xE6DC	yen.fitted	8548 0xF658	three.denominator
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8607 0xF739 nine.oldstyle	8621 0x2206 Delta
8608 0xF7A2 cent.oldstyle	8622 0xE000 nbspace
8609 0xFB00 ff	8623 %NAM

Change History

0.0	\g__berenis_enc_tl: Tai bach work for any LY1 encoding.	19
	\g__berenis_enc_tl: Replace lost \chars in composite declarations.	20
v1.0	General: Provide support for the LY1 encoding.	4
	\g__berenis_enc_tl: Tai bach work for ‘swash’ encoding.	19
v1.004	General: First public release.	1
v1.004/2.0	General: Limited support for T1 and TS1.	5
v2.0	General: Add support for T1 and TS1, and include some changes to the LY1 encoding used.	4
	Addresses issues typesetting Polish, as discussed at https://tex.stackexchange.com/questions/134989/recode-ly1-encoding-to-t1-berenis-font-and-polish-letters/145938	4
	Change to recommended configuration for Welsh.	4
	\g__berenis_enc_tl: Tai bach work for any LY1 encoding.	19
v2.1	General: Backwards-incompatible change to option handling.	8
	Belated update for (New) NFSS and revised nfssect-cfr. Try switching to DTX/INS.	1
	Enable scale package option.	8
	\g__berenis_enc_tl: Fix broken text composites for LY1 encoding.	19
	ts1-ybd.enc: Correct to get superiors and oldstyle figures.	109
	ts1-ybd2.enc: Correct to get superiors and oldstyle figures.	116
	ts1-ybd2j.enc: Correct to get superiors.	118
	ts1-ybdj.enc: Correct to get superiors.	120
v3.0	General: \textin, \instyle de-deprecated as hyperref removed the incompatibility.	11
	\g__berenis_enc_tl: Support for Unicode.	16

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