

Hebrew L^AT_EX 2.09 compatibility style files

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1 Hebrew in L^AT_EX 2.09 compatibility mode

`\documentstyle` command in the preamble of L^AT_EX document indicates that it is a L^AT_EX 2.09 document, and should be processed in *compatibility mode*. In such documents, one of the following three Hebrew style options can be included:

1. `hebrew_newcode` indicates that document will use UNIX ISO 8859-8 or Windows cp1255 input encoding, i.e. *Alef* letter will be represented as 224.
2. `hebrew_p` indicates that document is encoded with IBM PC cp862 encoding, i.e. *Alef* letter will be represented as 128.
3. `hebrew_oldcode` indicates that document uses old 7-bit encoding, as defined in Israeli Standard 960, i.e. *Alef* is character number 96.

Note, that other hebrew-related styles, such as `hebcal` can be included *after* the abovenamed Hebrew style option, for example:

```
\documentstyle[12pt,hebrew_p,hebcal]{report}.
```

Any Hebrew document which compiled under L^AT_EX 2.09 should compile under compatibility mode, unless it uses low-level commands such as `\tenrm`.

1.1 The DOCSTRIP modules

The following modules are used in the implementation to direct DOCSTRIP in generating the external files:

```
newcode    produce hebrew_newcode.sty
pccode     produce hebrew_p.sty
oldcode    produce hebrew_oldcode.sty
```

1.2 Obsolete style files

For each of the Hebrew L^AT_EX 2.09 Hebrew styles, we produce a file which uses correct input encoding and calls `babel` with Hebrew and English language options. This means that any styles which say `\input hebrew_newcode.sty` or `\documentstyle[...hebrew_newcode...]{...}` should still work.

```
1 <*newcode | pccode | oldcode>
2 \NeedsTeXFormat{LaTeX2e}
3 </newcode | pccode | oldcode>

4 <*newcode>
5 \@obsoletedefile{hebrew.sty}{hebrew_newcode.sty}
6 \RequirePackage[8859-8]{inputenc}
7 </newcode>
8 <*pccode>
9 \@obsoletedefile{hebrew.sty}{hebrew_p.sty}
10 \RequirePackage[cp862]{inputenc}
11 </pccode>
12 <*oldcode>
13 \@obsoletedefile{hebrew.sty}{hebrew_oldcode.sty}
14 \RequirePackage[si960]{inputenc}
15 </oldcode>

16 <*newcode | pccode | oldcode>
17 \RequirePackage[english,hebrew]{babel}
18 </newcode | pccode | oldcode>
```