The leawood package[*]

Scott Pakin
`pakin@uiuc.edu`

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1 Usage

The leawood package sets the default font to ITC Leawood. leawood makes the Leawood font available only in text mode; mathematical typesetting with Leawood is not currently supported.

To use leawood simply put "`\usepackage{leawood}`" in your document's preamble. This sets the default roman font to Leawood, the default sans-serif font to Helvetica, and the default monospace font to Luxi-Mono. If LuxiMono is not available, leawood issues a warning message and leaves Computer Modern Typewriter Text as the default monospace font. LuxiMono requires the T1 font encoding so you should also include "`\usepackage[T1]{fontenc}`" in your preamble to make Luxi-Mono work properly.

leawood accepts two package options. The first, "`noluxi`", tells leawood not to load the luximono package even if it's available. The second, "`dark`" causes leawood to utilize darker variants of the fonts. More precisely, `dark` makes leawood uses Leawood Medium instead of Leawood Book and Leawood Black instead of Leawood Bold.

Tables 1 and 2 show all of the font variants supported by leawood. Table 1 presents the variants with the default weights and Table 2 presents the variants when using the `dark` package option.

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[*]This document corresponds to leawood v1.0, dated 2003/09/03.

Table 1: Variants of Leawood provided by the leawood package

Variant	Code	Sample
Normal	. . .	Squdgy fez, blank jimp crwth vox.
Bold	\textbf{...}	**Squdgy fez, blank jimp crwth vox.**
Italic	\textit{...}	*Squdgy fez, blank jimp crwth vox.*
Slanted	\textsl{...}	*Squdgy fez, blank jimp crwth vox.*
Bold italic	\textbf{\textit{...}}	***Squdgy fez, blank jimp crwth vox.***
Bold slanted	\textbf{\textsl{...}}	***Squdgy fez, blank jimp crwth vox.***
Small caps	\textsc{...}	Squdgy fez, blank jimp crwth vox.
Bold small caps	\textbf{\textsc{...}}	**Squdgy fez, blank jimp crwth vox.**

Table 2: Variants of Leawood provided by the leawood package when the dark package option is specified

Variant	Code	Sample
Normal	. . .	**Squdgy fez, blank jimp crwth vox.**
Bold	\textbf{...}	**Squdgy fez, blank jimp crwth vox.**
Italic	\textit{...}	*Squdgy fez, blank jimp crwth vox.*
Slanted	\textsl{...}	*Squdgy fez, blank jimp crwth vox.*
Bold italic	\textbf{\textit{...}}	***Squdgy fez, blank jimp crwth vox.***
Bold slanted	\textbf{\textsl{...}}	***Squdgy fez, blank jimp crwth vox.***
Small caps	\textsc{...}	Squdgy fez, blank jimp crwth vox.
Bold small caps	\textbf{\textsc{...}}	**Squdgy fez, blank jimp crwth vox.**

2   Implementation

\ilw@body
\ilw@bold
leawood's `.fd` files have been specially modified to declare all medium and bold font shapes in terms of the macros `\ilw@body` and `\ilw@bold`. For example, a bold, small-caps font with T1 encoding is mapped to "`\ilw@bold c8t`" instead of the normal "`ilwbc8t`". By default, we use Leawood Book as the body font and Leawood Bold as the bold font:

```
1 \newcommand*{\ilw@body}{ilwk}
2 \newcommand*{\ilw@bold}{ilwb}
```

\ifilw@use@luxi
\ilw@use@luxitrue
\ilw@use@luxifalse
By default, we use LuxiMono as our fixed-width font. However, we allow the user to suppress that setting by specifying the noluxi package option.

```
3 \newif\ifilw@use@luxi
4 \ilw@use@luxitrue
5 \DeclareOption{noluxi}{\ilw@use@luxifalse}
```

The `dark` package option redefines `\ilw@body` and `\ilw@bold` to use Leawood Medium as the body font and Leawood Black as the bold font.

```
6 \DeclareOption{dark}{%
7   \renewcommand*{\ilw@body}{ilwm}
8   \renewcommand*{\ilw@bold}{ilwc}
9 }
```

Process the package options.

```
10 \ProcessOptions\relax
```

Leawood has a large x height which makes lines of text look too dense. To improve the text's aesthetics we increase the font's leading by 15%.

```
11 \linespread{1.15}
12 \selectfont
```

`\rmdefault`
`\sfdefault`
The most important thing this package does is make Leawood the default roman font. While we're at it we also make Helvetica the default sans-serif font because it blends with Leawood better than Computer Modern Sans Serif does. LuxiMono (font family `ul9`) works well as a fixed-width companion to Leawood. Few TeX distributions come with LuxiMono, though, so we load the corresponding package only if available and only if the user did not specify the `noluxi` package option.

```
13 \renewcommand{\rmdefault}{ilw}
14 \renewcommand{\sfdefault}{phv}
15 \ifilw@use@luxi
16   \IfFileExists{luximono.sty}{%
17     \RequirePackage{luximono}
18   }{%
19     \PackageWarningNoLine{leawood}{%
20       The luximono package is unavailable.\space\space
21       Using the\MessageBreak
22       default fixed-width font instead of LuxiMono}
23   }
24 \fi
```

3   Legal notice

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