Chapter 9

Creating Indices with `makeidx`

✦ Index—alphabetic list of words and phrases with the corresponding page numbers

✦ Index creation: package `makeidx`, program `makeindex`

✦ Load package `makeidx`

✦ Place the `\makeindex` command into the LaTeX file preamble

✦ Identify words and phrases for indexing → command `\index{key}`

```
Albert Einstein\index{Einstein, Albert} developed
the Relativity Theory\index{Relativity Theory}...
```

✦ Same index key on different pages → multiple page numbers in the index

✦ Highlight main index entry in bold:

```
The Relativity Theory\index{Relativity Theory|textbf} considers...
```

✦ Showing index (end of document) → command `\printindex`

✦ Proofreading: package `showidx` → index entries in the left margin

9.1   Document Skeleton

```
\documentclass{article}

\usepackage{makeidx}
\makeindex

% \usepackage{showidx}

\begin{document}

\author{Jim Floyd}
\title{On the Relativity Theory}

\maketitle

\section{Introduction}

Albert Einstein\index{Einstein, Albert} developed
the Relativity Theory\index{Relativity Theory|textbf}...

\printindex

\end{document}
```

✦ Change in the compilation procedure:

```
(pdf)latex     article.tex
      bibtex   article
      makeindex article
(pdf)latex     article.tex
(pdf)latex     article.tex
```

✦ Use style files to modify the default appearance of the index:

```
makeindex -s <style_file> article
```

✦ Style files available:

bbglo.ist	bbind.ist	bibref.ist	classic.ist	confproc1.ist
confproc2.ist	din.ist	docindex.ist	dtk-adr.ist	dtk-idx.ist
dtx.ist	gatech-thesis-index.ist	gbibarts.ist	gglo.ist	gind.ist
gmglo.ist	icase.ist	iso.ist	l3doc.ist	latex.ist
laws.ist	lowercase-headers.ist	lv.ist	math.ist	mbgglo.ist
mbgind.ist	minitoc-fr.ist	minitoc.ist	mkind.ist	nomencl.ist
nomentbl.ist	nostarch.ist	plaintex.ist	puncts.ist	repeatindex.ist
songbook.ist	stxglo.ist	stxind.ist	tex.ist	uppercase-headers.ist

☙

Bibliography

[1] (2012, Apr. 16) LaTeX Wikibook. [Online]. Available: http://www.wikibooks.org