

L^AT_EX Course Day 3 Handout

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1 References

BiBTeX styles: <http://www.cs.stir.ac.uk/~kjt/software/latex/showbst.html>

BiBTeX types: <http://www.ecst.csuchico.edu/~jacobsd/bib/formats/bibtex.html>

2 Figures and Graphics

Code for figure_example.tex

```
\documentclass[10pt]{article}
\usepackage{graphicx}
\begin{document}
\title{An example with a figure}
\author{Mac Mason}
\maketitle
\section{\label{s1}A section without a figure in it}
This is just a collection of letters, in order, trying to fill up some
space on the page. If we're really, really lucky, it might take up
several lines. If it doesn't, please see Figure \ref{akmap}, which will
explain things.

\section{A section with a figure}
So, here's a figure:
\begin{figure}[htb]
\centering
\includegraphics[width=0.5\textwidth]{akmap}
\caption{A picture of Alaska}
\label{akmap}
\end{figure}
That was Figure \ref{akmap}. It didn't appear in Section \ref{s1}.
\end{document}
```

An example with a figure

Mac Mason

March 2, 2006

1 A section without a figure in it

This is just a collection of letters, in order, trying to fill up some space on the page. If we're really, really lucky, it might take up several lines. If it doesn't, please see Figure 1, which will explain things.

2 A section with a figure

So, here's a figure:



Figure 1: A picture of Alaska

That was Figure 1. It didn't appear in Section 1.

3 References

Code for references.example.tex

```
\documentclass[10pt]{article}
\title{An example with references}
\author{Mac Mason}
\begin{document}
\maketitle
\section{\label{section1}A Section}
\begin{enumerate}
\item \label{foo} This is an item
  \begin{enumerate}
    \item \label{bar} and another item\footnote{This is a footnote}.
  \end{enumerate}
\end{enumerate}
\section{Another Section}
```

```
I've going to reference item \ref{bar} in Section \ref{section1}. I
could also put a footnote right here\footnote{See how easy that was? I
  thought you might have. Pretty snazzy, huh?}, if I really wanted to.
\end{document}
```

An example with references

Mac Mason

March 3, 2006

1 A Section

1. This is an item
 - (a) and another item¹.

2 Another Section

I've going to reference item 1a in Section 1. I could also put a footnote right here², if I really wanted to.

¹This is a footnote

²See how easy that was? I thought you might have. Pretty snazzy, huh?

4 Bibliographies

Code for paper.bib

```
@book{iliad,
  title="The Iliad of Homer",
  editor="Richmond Lattimore",
  publisher="University of Chicago Press",
  year="1951"
}

@book{jason,
  title="Jason and the Golden Fleece ({\emph{Argonautica}})",
  editor="Richard Hunter",
  publisher="Oxford University Press",
  year="1993"
}
```

Code for paper.tex

```
\documentclass[10pt]{article}
\title{An Example with a Bibliography}
\author{Mac Mason}
\bibliographystyle{plain}
\begin{document}
\maketitle
\begin{abstract}
  This example will show off how bibliographies work.
\end{abstract}
\section{Introduction}
This is an introduction. Plays such as \cite{jason} also have introductions.
\section{Middle Bit}
This is the middle part of my document. The middle of \cite{iliad} is
quite extensive.
\bibliography{paper}
\end{document}
```

An Example with a Bibliography

Mac Mason

March 3, 2006

Abstract

This example will show off how bibliographies work.

1 Introduction

This is an introduction. Plays such as [1] also have introductions.

2 Middle Bit

This is the middle part of my document. The middle of [2] is quite extensive.

References

- [1] Richard Hunter, editor. *Jason and the Golden Fleece (Argonautica)*. Oxford University Press, 1993.
- [2] Richmond Lattimore, editor. *The Iliad of Homer*. University of Chicago Press, 1951.