



JMMC-MAN-0000-0001

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JMMC

L^AT_EX DOCUMENT STYLE MANUAL

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Change record

Revision	Date	Authors	Sections/Pages affected
Remarks			
1.0	03/05/2004	G. Zins	all
Adapted from JRA4 style manual			
2.0	26/04/2005	S. Cetre	6
Added explanation on noFrontDocumentTable option			
3.0	18/05/2005	S. Cetre	3
Changed explanation on PDF creation			

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1 Introduction

1.1 Object

The document is aimed at describing how to use the JMMC L^AT_EX style.

1.2 Reference documents

[1] JMMC-MOD-0000-0003, Revision 1.0, L^AT_EXdocument template

1.3 Abbreviations and acronyms

EII	European Interferometry Initiative
JMMC	Jean-Marie Mariotti Center
JRA	Joint Reserach Activity

2 Required files

```
jmmc.sty           # LaTeX JMMC style file
jmmc-logo.eps      # JMMC logo in postscript format
jmmc-logo.jpg      # JMMC logo in jpeg format
JMMC-MOD-0000-0003.tex # Template file (latex file with empty fields)
```

Note: If the logo files are not present, the JMMC logo in the output documents is replaced by a simple title.

3 Quick start

1. Copy the template file into your document file:

```
$ cp JMMC-MOD-0000-0003.tex <myDocRef>.tex
```

2. Edit your file and fill in the required fields (see description in Sect. 4).

3. To produce a PDF file, follow the following method:

Using `ebb`, `latex`, and `dvipdfm`

```
$ ebb *.jpg           # convert jpeg file into ebb
$ latex <myDocRef>.tex # compile the latex document
$ dvipdfm -p a4 <myDocRef>.dvi # produce a PDF file
```

4 Reference guide

The JMMC style modifies the L^AT_EX `article` class in order to produce an adequate title page, a *change record* section and a *table of contents*. The example given here are taken from the current document (`JMMC-MAN-0000-0001.tex`).

4.1 Document parameters

The author of the document should first define the parameters that will be used throughout the whole document for the title page and the headings.

There is 4 parameters: the document number that should comply with the JMMC numbering scheme, the revision number, the date of last edition of the document and the title.

```
\renewcommand{\docnumber}{JMMC-MAN-0000-0001}
\renewcommand{\docrevision}{0.2}
\renewcommand{\docdate}{21/02/2004}
\renewcommand{\doctitle}{\LaTeX\ document style manual}
```

These parameters should be defined before the body of the latex document (before the `document` environment)

4.2 Author list

The author list is optional. This list is defined by a succession of `\author`, `\email` and `\affil` commands. Email and affiliation are not mandatory. A new `\author` command starts a new line.

```
%%-- AUTHOR LIST -%%
\author{G'erard Zins}
\email{Gerard.Zins@obs.ujf-grenoble.fr}
\affil{LAOG/JMMC}
\author{Fabien Malbet}
\email{Fabien.Malbet@obs.ujf-grenoble.fr}
\affil{LAOG/JMMC}
```

4.3 Document front table

This table defines who is the author of the document, who approved it and who released it. For each line, one should define the person name, affiliation, email address and the date of signature.

```
%%-- AUTHOR -%%
\renewcommand{\authorname}{Fabien Malbet}
\renewcommand{\authorinstitute}{LAOG/JMMC}
\renewcommand{\authordate}{21/02/2004}
%%-- APPROVAL --%%
\renewcommand{\approvedname}{G'erard Zins}
\renewcommand{\approvedinstitute}{LAOG/JMMC}
\renewcommand{\approveddate}{}
%%-- RELEASE --%%
\renewcommand{\releasedname}{Gilles Duvert}
\renewcommand{\releasedinstitute}{LAOG/JMMC}
\renewcommand{\releaseddate}{}

```

These parameters should be defined before the body of the latex document (before the `document` environment)

By default, the table will be shown. It is possible to hide the table by using the option `[noFrontDocumentTable]` before the call of the `jmmc` style.

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\documentclass[a4paper,11pt,dvipdfm]{article}
\usepackage[noFrontDocumentTable]{jmmc}
```

4.4 Cover page

In order to display the correct cover page and after having defined the correct parameters (see above), you need to place the following instructions at the very beginning of the document group:

```
\begin{document}
\doctitlepage
....
```

4.5 Change record

If you wish to include a *Change Record* section, then you may use the new environment `changerecord`. It predefines a table (`tabular` environment) where you can add lines using the `\record` instruction with 5 arguments: the revision number, the date of the change, the author of the change, the affected sections and a comment.

```
...
\begin{changerecord}
  \record{0.1}{21/02/2004}{F. Malbet}{all}{Initial writing}
\end{changerecord}
...
```

4.6 Table of contents

If you want to add a *Table of contents*, you can use the L^AT_EX command `\tableofcontents`. It is advised to add the `\clearpage` command just after.

```
...
\tableofcontents
\clearpage
...
```

4.7 Scope, reference documents, abbreviations and acronyms

Three new environments have been defined to create `\subsections` in the Introduction. These environments are not mandatory but will help to keep the same structure to all documents. The `scope` environment is just a normal `\subsection` with a predefined title. The `refdocs` one behaves like the standard L^AT_EX `thebibliography` environment and supports the command `\bibitem`. A keyword must be specified that allows to use cross-reference with the `\cite{keyword}` command in the document. The `abbacros` environment is similar to `description` one to specify abbreviations and acronyms.

```
...
\section{Introduction}

%% SCOPE OF THE DOCUMENT
\begin{scope}
  The document is aimed at describing how to use the \texttt{eii-jr4}
  \LaTeX\ style.
\end{scope}

%% REFERENCE DOCUMENTS
\begin{refdocs}
  \bibitem{tmpl} JMMC-MOD-0000-0003, Revision 1.0, \LaTeX document template
```

```
\end{refdocs}
```

```
%% ABBREVIATIONS AND ACRONYMS
```

```
\begin{abbacros}
```

```
  \item[EII] European Interferometry Initiative
```

```
  \item[JMMC] Jean-Marie Mariotti Center
```

```
  \item[JRA] Joint Reserach Activity
```

```
\end{abbacros}
```

```
....
```

A reference to the document [1] is done through the command `\cite{tmpl}` within the text.

4.8 Document body

You can now use all the normal L^AT_EX commands and in particular the sectionning commands like `\section`, `\subsection`, `\subsubsection` commands.

To make cross-references, you may use the `\label` and `\ref` commands:

```
... (see description in Sect. \ref{sect:reference}).
```

```
...
```

```
\section{Reference guide}
```

```
\label{sect:reference}
```

```
...
```