JMMC

LYX WITH LATEX DOCUMENT TEMPLATE

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Institute: LAOG/JMMC	Date: 27/08/2004

Change record

Revision	Date	Authors	Sections/Pages affected
	Remarks		
0.1	03/05/2004	J. Bérezné	all
Adapted to the last version of `jmmc.sty` described in the JMMC-MAN-0000-0001, Rev 1.0			
0.2	17/05/2004	J. Bérezné	all
Rewriting after checking			
0.3	19/05/2004	J. Bérezné	all
How to insert and call citation references			
1.0	27/08/2004	G. Zins	all
Released document			

Contents

1 Introduction

1.1 Object

LyX is a Wysiwym latex tool. This document explains how to use the LaTeX style manual in the LyX environment.

1.2 Reference documents

[1] JMMC-MAN-0000-0001, Revision 1.0, LaTeXdocument style manual

1.3 Abbreviations and acronyms

DM	Documentation Manager
EII	European Interferometry Initiative
JMMC	Jean-Marie Mariotti Center
TBD	To be defined

2 Body

The document [1] gives full explanation how to use the `jmmc` LaTeXstyle.

2.1 Creating one's own LyX template

The idea is to include the JMMC template in an empty LyX file, edit it and save it as a LyX template.

2.1.1 Creating a new file and getting the JMMC template

- Launch LyX from the directory where you un-tarred the JMMC template i.e. JMMC-MOD-0000-0003.tar

- Create a LyX file (*File -> New*)[1]

- Import JMMC-MOD-0000-0003.tex (*File-> Import -> Latex...*)

- LyX creates a JMMC-MOD-0000-0003.LyX file, displays some "mysterious informations" and hides other informations. One has now to edit these two kinds of information.

2.1.2 Editing the hiden informations

These are the ones described in the [1] instructions[2]:

- document parameters

- author list

- document front table

These informations are found in (*Layout-> Document-> Preamble*) and are as follows:

---

[1]This notation is used to represent the LyX menues.
[2]The citation procedure used in \cite{man} is different from the LyX one. See appendix A to insert compatible citations in a Lyx document.

```
\usepackage{jmmc}
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%%-- DOCUMENT INFORMATION --% \renewcommand{\docnumber}{JMMC-XXX-0000-0000}
\renewcommand{\docrevision}{1.1}
\renewcommand{\docdate}{04/05/2004}
\renewcommand{\doctitle}{LyX with \LaTeX\ document template}
%%%-- AUTHOR LIST -%%%
\author{Jean Bérezné}
\email{J.Berezne@obs.ujf-grenoble.fr}
\affil{LAOG/JMMC} \author{tbd}
\email{tbd@obs.ujf-grenoble.fr}
\affil{LAOG/JMMC}
%%%-- AUTHOR -%%%
\renewcommand{\authorname}{Jean Bérezné}
\renewcommand{\authorinstitute}{LAOG/JMMC}
\renewcommand{\authordate}{04/05/2004}
%%%-- APPROVAL --%%% \renewcommand{\approvedname}{G\'erard Zins}
\renewcommand{\approvedinstitute}{LAOG/JMMC}
\renewcommand{\approveddate}{tbd}
%%%-- RELEASE --%%%
\renewcommand{\releasedname}{Gilles Duvert}
\renewcommand{\releasedinstitute}{LAOG/JMMC }
\renewcommand{\releaseddate}{tbd}
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
%%%%%%%%%%%%%%%%%%%%% Front pages %%%%%%%%%%%%%%%%%%%%%%
```

2.1.3　Editing the "mysterious informations"

They appear as:

- \doctitlepage

- \begin{changere

- Table of Contents

- \clearpage

- \begin{scope}...

- \appendix

To open any of these boxes, left click right on the box.

Editing \doctitlepage　　Probably what has been done at 2.1.2

Editing \begin{changerecord}　　Here is an example of what I edited, using the [1] instructions:

```
\begin{changerecord}
  \record{1.0}{03/05/2004}{J. Bérezné}{all}{\parbox{0.8\hsize}{Adapted
      to the last version of \texttt{jmmc.sty} described in the
      JMMC-MAN-0000-0004, Rev 2.0.}}
\record{1.1}{06/05/2004}{J. Bérezné}{all}{Rewriting after checking}
\record{2.0}{04/05/2004}{G. Zins}{all}{Whatever you mean}
\end{changerecord}
```

Editing \Table of Contents   This information is automatically updated by LyX

Editing \clearpage   This is a LaTeX instruction that has not to be edited

Editing \begin{scope}...   Here is an example of what I edited, using the [1] instructions:

```
\begin{scope}
  LyX is a Wysiwym latex tool. This document explains how to use the \LaTeX\ style
\end{scope}
\begin{refdocs}
\bibitem{man} JMMC-MAN-0000-0001, Revision 1.0, \LaTeX document style manual
\end{refdocs}
\begin{abbacros}
\item[DM] Documentation Manager
\item[JMMC] Jean-Marie Mariotti Center
\item[TBD] To be defined
\end{abbacros}
```

Editing \appendix   Every section written after this insert is numbered as appendixes

2.2   Saving your changes

Save your changes in the current directory as my-template.lyx.

Beeing root, copy my-template.lyx in the /usr/share/lyx/templates directory. Ask your administrator to do it for you if you have no acces to the root password.

2.3   Using one's own template

Copy or link (ln -s) the 3 following files from the directory where you un-tarred the JMMC template to your working directory:

- jmmc-logo.eps

- jmmc-logo.jpg

- jmmc.sty

You may create your futur documents with the (*File-> New from template*) Lyx menu. Your template is my-template.lyx. Then, you have to re-edit only the informations relative to this new document.

3   Important remarks

1. In order to respect the archiving rules, one may export the source in tex and pdf format, using (*File-> Export-> LaTeX*) and (*File-> Export-> PDF (pdflatex)*).

2. In order to import eps figures, one must adjust the document format as follows: (*Layout-> Document-> Packages->PostScript Driver: dvips*).

Appendix A   Declaring compatible citations in the LyX environment[3]

You have to insert a few TeX instructions with (*Insert-> TeX*).

A box appears in which you have to declare the documents to be referenced between the begin/end instructions as \bibitem{the reference name} followed by the reference itself. You may insert as many \bibitem's you wish. For example:

```
\begin{refdocs}
\bibitem{Dac} It's better to be rich and healthy than poor and ill (Pierre Dac).
\bibitem{Will} To be or not to be (William Shakespeare)
\end{refdocs}
```

You will obtain the following citation[4]:

A.1   Reference documents

[1] It's better to be rich and healthy than poor and ill (Pierre Dac).

[2] To be or not to be (William Shakespeare).

Appendix B   Calling compatible citations in the LyX environment[5]

You have to insert a a few TeX instructions with (*Insert-> TeX*).

A box appears in which you have to "call" your reference as follows:

\cite{Dac}

You will obtain the following reference:

[1]

---

[3]This paragraph was declared as a Section, but should appear as an appendix.

[4]This citation appears as a "Reference documents" paragraph in the Table of Contents.

[5]And this other one too.