

## Phase C

# Work on a satellite

For CubETH

Rev: 0

Minor Project

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Prepared by:

MAX MUSTER

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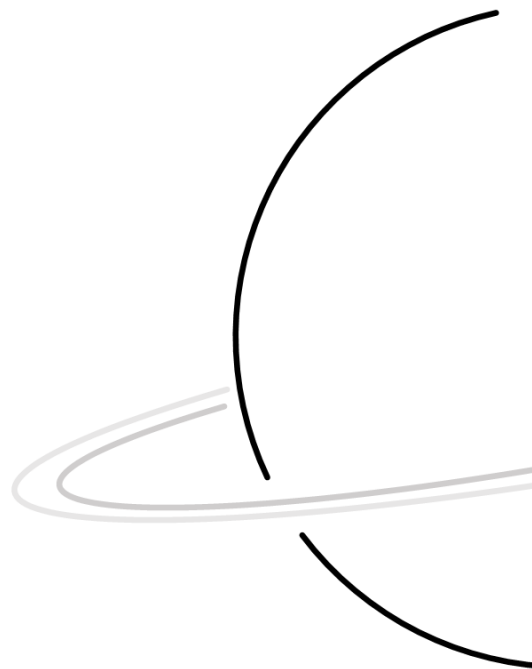
Checked by:

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Approved by:

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Space Engineering Center  
EPFL  
Lausanne  
Switzerland  
•  
11/11/2015



## Record of Revisions

Issue	Revision	Date	Modifications	Created/modified by
1	0	08/01/2015	First draft	Kevin Owen

## Contents

<b>Record of revisions</b>	<b>1</b>
<b>List of Tables</b>	<b>3</b>
<b>List of Figures</b>	<b>4</b>
<b>1 Introduction</b>	<b>6</b>
<b>2 Example document</b>	<b>6</b>
2.1 File and folder hierarchy . . . . .	6
2.1.1 Chapters and section and appendices . . . . .	6
2.1.2 Figures . . . . .	6
2.2 Bibliography . . . . .	6
2.2.1 Modifying the bibliography compiler . . . . .	7
<b>3 Conclusion</b>	<b>8</b>
<b>A Appendix example</b>	<b>10</b>
A.1 A subsection . . . . .	10
A.1.1 A subsubsection . . . . .	10

## List of Tables

## List of Figures

2.1	Image of CleanSpace One . . . . .	7
2.2	How the compiler should be configured . . . . .	7

## Abbreviations

**EPFL** École Polytechnique Fédérale de Lausanne  
**STM** Structural and Thermal Model  
**PCB** Printed Circuit Board

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**EPFL** École Polytechnique Fédérale de Lausanne  
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## 1 Introduction

## 2 Example document

This section serves as example to demonstrate appearance of the template. And give information on the way it works.

### 2.1 File and folder hierarchy

This template has a preset folder and file hierarchy to have a clear structure. If you know what you're doing, you can play around with it but it works well as is.

#### 2.1.1 Chapters and section and appendices

It is recommended to place all your sections as separate `.tex` files and store them in the `chap` folder. It is referenced in the main document with `\input{chap/example}`.

Appendices work on the same principle and can be stored in the `appendices` folder.

#### 2.1.2 Figures

Figures are stored in the `fig` folder and  $\LaTeX$  will automatically look for the image file there so you should reference it from this folder. A special function was implemented to allow the insertion of a single figure with a single line of code and have the filename, the label, the legend and the width defined.

```
\figi{cleanspace-one}{fig:cleanspace-one}{Image of CleanSpace One}{0.4\textwidth}
```

## 2.2 Bibliography

The bibliography is a bit special and the compiler has to be adapted in order to work well. The idea is that there are two kinds of documents in your bibliography. *Applicable documents* and *Reference documents* and those would be stored inside two separate `.bib` files; `appdoc.bib` and `refdoc.bib` respectively. They can be cited in the document with the `\cite{label}` command and gives [\[AD1\]](#) or [\[RD1\]](#).

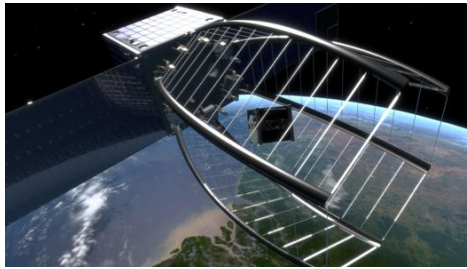


Figure 2.1: Image of CleanSpace One

### 2.2.1 Modifying the bibliography compiler

This template uses Biber and the compiler (at least for TexLive) has to be modified. A new compiler has to be created called in Edit -> Preferences then in tab called Typesetting under Processing tools click on the + sign and add a new one.

The parameters should be :

**Name** Biber

**Program** biber

**Arguments** \$basename

Or as summarized on figure 2.2.

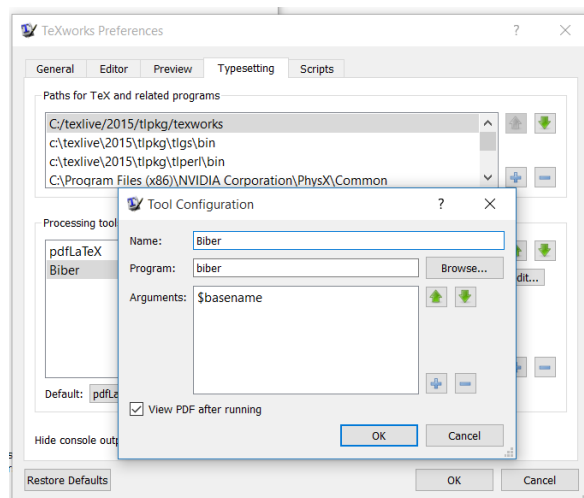


Figure 2.2: How the compiler should be configured



### **3 Conclusion**

YOUR NAME  
Lausanne, 11/11/2015

## References

### Reference Documents

- [RD1] S. T. Abedon, P. Hyman, and C. Thomas. Experimental examination of bacteriophage latent-period evolution as a response to bacterial availability. *Applied and environmental microbiology*, 69:7499–7506, 2003.

### Applicable Documents

- [AD1] S. T. Abedon. Lysis and the interaction between free phages and infected cells. In J. D. K. Karam, J. W. Drake, K. N. Kreuzer, G. Mosig, D. Hall, F. A. Eiserling, L. W. Black, E. Kutter, K. Carlson, E. S. Miller, and E. Spicer, editors, *Molecular biology of bacteriophage t4*, pp. 397–405. ASM Press, Washington DC, 1994.

## **A Appendix example**

### **A.1 A subsection**

#### **A.1.1 A subsubsection**