


# SPIM

## Thèse de Doctorat



école doctorale sciences pour l'ingénieur et microtechniques  
UNIVERSITÉ DE TECHNOLOGIE BELFORT-MONTBÉLIARD

## SPIM-UTBM PhD Thesis Style Extension for tex-upmethodology Official Documentation

 Stéphane GALLAND

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UNIVERSITÉ DE TECHNOLOGIE BELFORT-MONTBÉLIARD

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THÈSE présentée par

**Stéphane GALLAND**

pour obtenir le

Grade de Docteur de

l'Université de Technologie de Belfort-Montbéliard

Spécialité : **Informatique**

**SPIM-UTBM PhD Thesis Style Extension for  
tex-upmethodology**

Official Documentation

Soutenue le 17 septembre 2012 devant le Jury :

Super MAN	Reviewer	Professor at the University of Gotham City
Bat MAN	Supervisor	Professor at the University of Gotham City

## 1/ INTRODUCTION

This document describes the style extension for `tex-upmethodology` which is providing the standard document layout and colors of the PhD Thesis from the Systems and Transportation Laboratory of the University of Technology of Belfort-Monbéliard, France.

This document contains only the values and the macros provided by the extensions.

## 2/ USAGE

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**YOU ARE GRANTED TO USE, REPRODUCE OR DISTRIBUTE THE `spimutbmphdthesis` STYLE EXTENSION FOR TEX-UPMETHODOLOGY LATEX PACKAGE IF AND ONLY IF: A) YOU ARE A REGISTERED MEMBER OF THE UNIVERSITÉ DE TECHNOLOGIE DE BELFORT-MONTBÉLIARD, OR B) YOU ARE OFFICIALLY AND EXPLICITLY AUTHORIZED TO USE THIS EXTENSION BY A REPRESENTATIVE OF THE UNIVERSITÉ DE TECHNOLOGIE DE BELFORT-MONTBÉLIARD.**

## 3/ REQUIREMENTS

`tex-upmethdology-spimutbmphdthesis` requires the core packages of `tex-upmethodology`.

## 4/ INSTALLATION

Copy `tex-upmethdology-spimutbmphdthesis` configuration file (`.cfg`) and all related pictures in your system-wide or local user `texmf`.

## 5/ PROVIDED MACROS

`tex-upmethdology-spimutbmphdthesis` provides the following macros:

- `\declarethesis[subtitle]{title}{defense date}{PhD ID}`  
 Declare the major information about the PhD thesis:
  - `title` is the title of the PhD thesis that may appear on the front pages.
  - `subtitle` is an optional subtitle for the PhD thesis that may appear on the front pages.
  - `defense data` is the data at which the PhD thesis is defended.
  - `PhD ID` is the identifier or the number of the PhD thesis in the University's library.

- `\addjury[email]{first name}{last name}{role}{position}`  
Add a member to the jury to which the PhD thesis was presented:
  - `first name` is the first name of the member of the jury.
  - `last name` is the last name of the member of the jury.
  - `role` is the role of the member in the jury, eg. in French “Rapporteur”, “Examineur”, “Directeur de Thèse”.
  - `position` is the position and the University of the member.
- `\thesisabstract[lang]{text}`  
Set the French abstract for the PhD thesis.
  - `lang` must be the language in which the abstract is written. It must be one of “french” or “english”.
  - `text` is the text of the abstract.

## 6/ PROVIDED COLORS

`tex-upmethdology-spimutbmphdthesis` provides the following colors. The colors are expressed according to the standard `color.sty` specifications.

Provided Colors			
<i>Name</i>	<i>Type</i>	<i>Value</i>	<i>Example</i>
<code>frontpagetitle</code>	rgb	0,0,0	<code>frontpagetitle</code>
<code>frontpageauthors</code>	rgb	0,0,0	<code>frontpageauthors</code>
<code>backpagetitle</code>	rgb	0.16,0.58,0.847	<code>backpagetitle</code>
<code>backpagetext</code>	rgb	0,0,0	<code>backpagetext</code>
<code>backtableheader</code>	rgb	0.901,0.901,0.901	<code>backtableheader</code>
<code>fronttableheader</code>	rgb	0.059,0.4,0.651	<code>fronttableheader</code>
<code>sectiontitlecolor</code>	rgb	0.059,0.4,0.651	<code>sectiontitlecolor</code>
<code>chaptertitlecolor</code>	rgb	0.059,0.4,0.651	<code>chaptertitlecolor</code>
<code>parttitlecolor</code>	rgb	0.059,0.4,0.651	<code>parttitlecolor</code>

## 7/ PROVIDED VALUES

`tex-upmethdology-spimutbmphdthesis` provides the following values. The values are accessible with `\Get` macro.

Provided Values		
<i>Name</i>	<i>Language</i>	<i>Content</i>

## 8/ COPYRIGHT OF THE EXTENSION'S SOURCE CODE

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## 10/ TEMPLATE OF A PHD THESIS

```
%% Use the standard UP-methodology class
%% with French language and Book layout.
%%
%% Change the 'book' option below to 'report'
%% if you want to use a report style (see your LaTeX
%% documentation about the different between a report
%% and a book class).
%%
%% You may also specify 'twoside' or 'oneside' option.
%% By default 'book' is two-sided and 'report' is one-sided.
%%
%% See the documentation tex-upmethodology on
%% http://www.arakhne.org/tex-upmethodology/
%% for details about the macros that are provided by the class and
%% to obtain the list of the packages that are already included.
\documentclass[french,book,nopubpage,nodocumentinfo]{upmethodology-document}

\usepackage[utf8]{inputenc}

%%-----
%% Use the style dedicated to PhD thesis from SPIM-UTBM
\UseExtension{spimutbmphdthesis}

%%-----
%% Set the title, subtitle, defense date, and
%% the registration number of the PhD thesis
\declarethesis[Sous-titre]{Titre}{17 septembre 2012}{XXX}
```

```

%%-----
%% Set the author of the PhD thesis
\addauthor[email]{Prnom}{Nom}

%%-----
%% Add a member of the jury
%% \addjury{Firstname}{Lastname}{Role in the jury}{Position}
\addjury{Incroyable}{Hulk}{Rapporteur}{Professeur l'Universit de Gotham City \ \ Commen
\addjury{Super}{Man}{Examineur}{Professeur l'Universit de Gotham City}
\addjury{Bat}{Man}{Directeur de thse}{Professeur l'Universit de Gotham City}

%%-----
%% Set the English abstract
\thesisabstract[english]{This is the abstract in English}

%%-----
%% Set the French abstract
\thesisabstract[french]{Ceci est le rsum en franais}

%%-----
%% Change the speciality of the PhD thesis
%\Set{speciality}{Informatique}

%%-----
%% Change the institution
%\Set{universityname}{Universit\'e de Technologie de Belfort-Montb\'eliard}

%%-----
%% Change the header and the foot of the pages
%% Left header
%\lhead{}
%% Center header
%\chead{}
%% Right header
%\rhead{}
%% Left footer
%\lfoot{}
%% Center footer
%\cfoot{}
%% Right footer
%\rfoot{}

\begin{document}

%-----
% The content of the PhD thesis

\chapter{Introduction}

```

```
\section{Section 1}
```

```
blablabla
```

```
\chapter{Conclusion}
```

```
blablabla
```

```
\end{document}
```

## 11/ GENERATOR

This document was generated with the following versions of the UP-methodology packages:

- upmethodology-version: 2009/12/30
- upmethdology-fmt: 2012/09/21
- upmethdology-document: 2009/11/03
- upmethdology-frontpage: 2009/10/30
- upmethdology-backpage: 2009/10/30
- upmethdology-extension: 2012/09/21
- upmethdology-task: 2009/10/30
- upmethdology-document (class): 2012/10/02
- upmethdology-code: 2009/10/30
- Private API: 2012/09/21

## Abstract:

This document describes the style extension for `tex-upmethodology` which is providing the standard document layout and colors of the PhD Thesis from the SPIM doctoral school and the Université de Technologie de Belfort-Montbéliard, France.

## Résumé :

Ce document décrit l'extension de `tex-upmethodology` dédiée au standard graphique des thèses de doctorat de l'École Doctole SPIM et de l'Université de Technologie de Belfort-Montbéliard, France.

