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2015

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Keywords: Activity Report, University of Luxembourg, High Performance Computing, UL, HPC, \LaTeX .



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Editors:	Sébastien Varrette, PhD
Release date:	2015
Category:	1 (public)
Document Version:	Final v0.1
	Compiled time: 2015-02-15 11:49
Comments:	This report has been written using \LaTeX on the basis of the template [©] designed by Sebastien Varrette. \LaTeX sources of this report are available on GitHub .



Preface

*Dr. Sébastien Varrette,
Luxembourg, 2015*

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How to use the ulhpc_book style

You need first to clone (directly or as a git submodule) the ULHPC/documents repository on [Github](#).

Then in addition to the addition of the L^AT_EX style file `ulhpc_book.sty` at the root of your document, you'll need:

- a copy of the logos files (in PDF format) `logo_UL.pdf` and `logo_ULHPC.pdf` in a know path;
- to initiate a certain number of variables / macros used in the style **prior to the** call to

```

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
% Input info. for cover, titlepages, pdf properties, version etc. %
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
\def\reportsubject{}          % only for pdf properties – doesn't appear on
                              % printed versions
\def\ISBNNUMBER{}            % type \ISBNNUMBER{ISBN: xxx} if available
\def\DatePublished{2015}     % date of publication
\def\Category{1 (public)}    % project class chosen on the basis of the
                              % following table:

```

Category	Text
1. The report is accessible for public	1 (Public)
2. The report is confidential and may not be distributed.	2 (confidential)
3. The report may only be distributed after written permission from the Author	3 (after written permission)


```

20 % +-----+
\def\ReportAuthor{S\'ebastien Varrette, PhD}
% Ex: \ReportAuthor{MyAuthor1\MyAuthor2}
% multiple authors separated by "\\" (in this
% case, adjust the \vspace in
% ulhpc_book.sty as necessary
\def\ReportAuthorForHyperref{S\'ebastien Varrette, PhD} % Ex:
% \ReportAuthorForHyperref{MyAuthor1,MyAuthor2}
% list of authors for pdf properties. Multiple
30 % authors separated by ","
\def\ReportTitle{Your Title} % Report title
\def\Subtitle{Subtitle} % Subtitle – if any

% keywords for the pdf file
\def\reportkeywords{
  Activity Report,
  University of Luxembourg,
  High Performance Computing,
40 UL,
  HPC,
  \LaTeX
}

\def\Version{0.1} % Version — use the following command to
% activate svn property Rev:
% svn propset svn:keywords "Id Rev" *.tex

\def\reportversion{Final} % TODO: choose this for final version (official
% set of title pages)
50 %\def\reportversion{Draft} % TODO: choose this for draft version (simple
% title page and no info page

%\def\reportlinks{no} % TODO: choose this for paper version
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}
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\href{http://csc.uni.lu/sebastien.varrette}{S\{'e}bastien Varrette , PhD}
}
```

After these variables, you can call the package as always by

```
\usepackage{ulhpc_book}
```


Acknowledgements

In general, don't forget the acknowledgements to the UL HPC platform [1] as requested in the [Acceptable Use Policy \(AUP\)](#):

Acknowledgment: Experiments presented in this paper were carried out using the HPC facilities of University of Luxembourg~\cite{VBCG_HPCS14}{\small -- see \url{http://hpc.uni.lu}}.

Cite the reference paper of the platform [1] if you can. Finally (and that's probably more important), remember to attach the paper to the ULHPC in [ORBi.lu](#) as described in [these instructions](#).

Bibliography

- [1] S. Varrette, P. Bouvry, H. Cartiaux, and F. Georgatos. Management of an Academic HPC Cluster: The UL Experience. In *Proc. of the 2014 Intl. Conf. on High Performance Computing & Simulation (HPCS 2014)*, pages 959–967, Bologna, Italy, July 2014. IEEE.



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*The country that out-computes
will be the one that out-competes.*
The [Council on Competitiveness](#)