The Title

The subtitle

2nd March, 2015

Management Team: *Prof. Pascal Bouvry and*
Dr. Sébastien Varrette

Abstract: This is the abstract to be place on the front-page using the macro
\frontabstract{...}

v1.0.0

http://hpc.uni.lu

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Section 1

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subsections

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Section 2

> Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

How to use the `ulhpc_article` LaTeX style?

> ⚠ : You need to compile the articles with the `lualatex` compiler for LaTeX!

This is required by the `fontawesome` and some TikZ fonts. If you are using my generic Makefile, simply place a file `.Makefile.local` at the root of your document having the following content:

```
LATEX = $(shell which lualatex)
```

Then in addition to the addition of the LaTeX style file `ulhpc_article.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 the style package.

They are defined as follows:

```
\providecommand{\subtitle}{The subtitle} % Subtitle − if any
\providecommand{\AuthorPrefix}{by}
\providecommand{\keywords}{%
  University of Luxembourg,
  High Performance Computing,
  UL,
  HPC,
  \LaTeX
}
\providecommand{\frontabstract}{} % the abstract to place on the front page
\providecommand{\showversion}{}     % leave blank content to show the version
\providecommand{\Editorsname}{Dr. S. Varrette and Prof. P. Bouvry} % Editors
\providecommand{\Mail}{hpc−sysadmins@uni.lu}
\providecommand{\ReportSrcURL}{https://github.com/ULHPC/documents} % [Git] URL for the document LaTeX sources
\providecommand{\InstituteURL}{http://hpc.uni.lu} % Reference web site
\providecommand{\InstituteAddress}{%
  University of Luxembourg       \\
  6, rue Richard Coudenhove−Kalergi \\
  L−1359 Luxembourg \\
  Luxembourg\\
  \textbf{T.} +352 46 66 44 6600
}
% \providecommand{\Licence}{CC BY−NC−SA 4.0}
% \providecommand{\LicenceURL}{http://creativecommons.org/licenses/by−nc−sa/4.0/}
\providecommand{\Github}{ULHPC} % Github account
\providecommand{\Twitter}{ULHPC} % Twitter account
\providecommand{\NewsletterURL}{http://hpc.uni.lu/newsletters}
```

For instance, this is how this style is used to generate this document:

```
\documentclass{article}

\usepackage{graphicx}
\graphicspath{{logos/}} % add logos/ to the search path for images

\def\draft{} % comment to unset draft mode
%\def\showversion{no} % uncomment to remove the version printing

\usepackage{ulhpc_article}
\def\AuthorPrefix{Management Team}
```

```
\def\frontabstract{
  This is the abstract to be place on the front−page using the macro \texttt{$\backslash$frontabstract\{...\}}
}

\title{The Title}
\def\subtitle{The subtitle}
\author{%
  Prof. Pascal Bouvry and\\
  Dr. S\'ebastien Varrette
20  }

% \date{
%   February 2015
% }

\begin{document}

\coverpages

30  \section{Section 1}

\lipsum[1]

\subsection{subsections}

\lipsum[2]

\section{Section 2}

40  \begin{tcolorbox}
    \lipsum[3]
\end{tcolorbox}

\newpage
%====================
\section{How to use the \texttt{ulhpc\_article} \LaTeX\ style?}

\begin{tcolorbox}[colback=red!5!white]
\faWarningSign\ : You need to compile the articles with the \texttt{lualatex} compiler for \LaTeX!
50  \end{tcolorbox}
This is required by the \texttt{fontawesome} and some TikZ fonts.
If you are using \href{https://github.com/Falkor/Makefiles/blob/devel/latex/Makefile}{my generic Makefile},
simply place a file \texttt{.Makefile.local} at the root of your document having the following content:

\lstinputlisting[language=make]{.Makefile.local}

\noindent Then in addition to the addition of the \LaTeX\ style file \texttt{ulhpc\_article.sty} at the root of your document, you'll need:
\begin{itemize}
  \item a copy of the logos files (in PDF format) \texttt{logo\_UL.pdf} and \texttt{logo\_ULHPC.pdf} in a know path;
60    \item to initiate a certain number of variables / macros used in the style \textbf{prior to} the call to the style package.
\end{itemize}

\noindent They are defined as follows:

\lstinputlisting[language=TeX,firstline=44,lastline=70]{ulhpc_article.sty}

For instance, this is how this style is used to generate this document:

\lstinputlisting[language=TeX,firstline=5,lastline=76]{ulhpc_article.tex}
70
\end{document}
```