



# UL HPC Newsletter

Issue 1 – February 2015



Editors: Dr. S. Varrette and Prof. P. Bouvry  
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→ S. Varrette (FSTC)  
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→ S. Diehl, J.-F. Le Fillâtre  
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## Welcome to issue 1 of the UL HPC Newsletter.

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*Dr. S. Varrette and Prof. P. Bouvry*

## 📢 What's new?

New features: services/improvements we've introduced, new software available, etc.

Notice the use of  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$  code within [Markdown](#) text. You have thus access to the nice syntax of [Markdown](#) to simplify your writing:

- that's an item
- another item
  - a sub-item with a `verbatim` text
- item



Figure 1: image caption

some code extract

## 📊 Latest Statistics

Platform overview (pretty graphs): for the passing \$period (maybe also with last year history): #jobs, data transferred, new users/projects, etc., also reminder of existing services (gitlab, gforge, owncloud, etc.)





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## Outcomes

Outcomes: projects/groups using the clusters, new articles published referencing the platform, etc.

## User Focus

User stories: 1-2 paragraphs from (1-2) 'big' users, describing what they're doing

## Upcoming Events

Upcoming events: new tutorials, software we'll introduce in the next \$period, upcoming HPC schools etc.



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## Another highlight

For this page...

## How to use the ulhpc\_newsletter1 style?

**⚠** : You need to compile the articles with the `lualatex` compiler for  $\text{\LaTeX}$ !

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  $\text{\LaTeX}$  style file `ulhpc_newsletter1.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{\Newstitle}{UL HPC Newsletter} % Title of the newsletter
\providecommand{\ReleaseDate}{February 2015} % Release date for newsletter
\providecommand{\Frequency}{} % Frequency ( monthly, quarterly, etc..)
\providecommand{\Number}{1} % Issue number for the newsletter
\providecommand{\InstituteURL}{http://hpc.uni.lu} % Reference web site
\providecommand{\Editorsname}{Dr. S. Varrette and Prof. P. Bouvry} % Editors
\providecommand{\DocSrcURL}{https://github.com/ULHPC/documents} % [Git] URL for the do
\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}

%% Current version of the proposal
\IfFileExists{VERSION}{
  \providecommand{\docversion}{\input{VERSION}}
}{
  \providecommand{\docversion}{0.2}
}
```

## Last but not least

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



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