# Software environment deployment

EasyBuild and RESIF usage

M. Schmitt

University of Luxembourg, Luxembourg



# Software environment deployment

### EasyBuild



- Software building and installing tool
- Allow for a wide variety of software versions

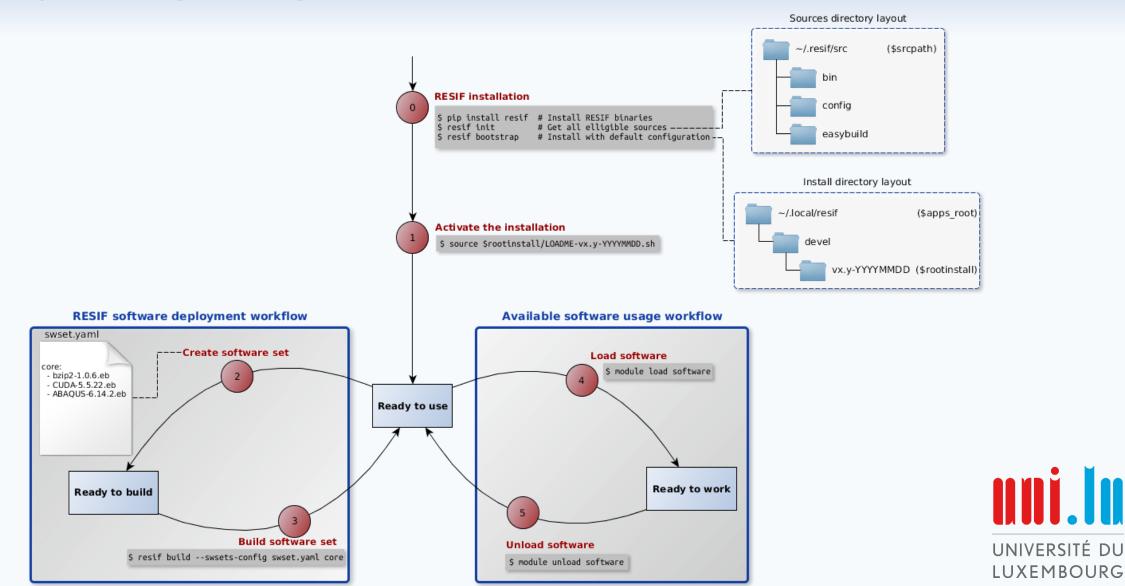
#### **RESIF:**

Revolutionary EasyBuild-based Software Installation Framework

- Automatize software collections management
- Reduce complexity of software collection deployments
- Provide new software stack architecture



# **RESIF** workflow



## Practice

Tutorials: <a href="http://ulhpc-tutorials.readthedocs.org/en/latest/">http://ulhpc-tutorials.readthedocs.org/en/latest/</a>

EasyBuild documentation: <a href="http://easybuild.readthedocs.org/en/latest/">http://easybuild.readthedocs.org/en/latest/</a>

RESIF documentation: <a href="http://resif.readthedocs.org/en/latest/">http://resif.readthedocs.org/en/latest/</a>

