ESGF Installation Working Team (IWT)

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NSC/IPSL

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IWT: Who we are

Team Leads: Nicolas Carenton\(^1\) & Prashanth Dwarakanath

Members

- Alan Iwi
- Georgi Kostov
- Katharina Berger
- Luca Cinquini
- Lukasz Lacinski
- Matthew Harris
- Paola Nassisi
- Sandro Fiore
- Sasha Ames
- Sebastien Denvil
- Stephan Kindermann
- Zed Pobre

\(^1\) now replaced by William Morris Hill
We had three major releases during 2016, each of which had several point releases to fix minor issues.

- **Version 2.2.0**: Released December 15, 2015. Routine upgrade post F2F.
- **Version 2.2.3**: Released February 15, 2016. Fixed certain vulnerabilities in Thredds data service. Temporary CA setup mechanism changed, and Globus setup portions reworked.
- **Version 2.3.8**: Released 25 May 2016. Upgrade of CoG, upgrade of Apache and Struts to fix vulnerabilities.
- **Version 2.4.4**: Released December 2016. Upgrade of Tomcat, CoG.
A vulnerability with Thredds was proactively fixed.
Node administrators were advised to upgrade to fixed kernels, post discovery of the Dirty Cow vulnerability.
Component upgrades were pushed in, following CVE reports (Apache, Struts).
Missed Milestones

- Conversion of installer, from bash to python
- Integration of node manager functionality into esg-node.
Roadmap for 2017

- Replace bash installer with a modular python installer.
- Dockerize ESGF installation process.
- Parallel development for Centos 7 ready installer.
- Integration of node-manager with the ESGF installer.
Collaborations with other groups

- Node manager working team, for integration of the new node manager functionality in esg-node
- Node manager working team, for integration of the new tracking and feedback functionality, in esg-node