

## The rOCCI framework - EC2 and support for public cloud services

*Friday, 26 September 2014 11:15 (15 minutes)*

The rOCCI framework [1][2][3][4] is designed to simplify the implementation of the OCCI 1.1 protocol in Ruby and provide the base for a working client and server implementation targeting multiple cloud management frameworks and commercial service providers via its back-ends. It was adopted by the EGI Federated Cloud [5] and chosen to act as one of the designated OCCI implementations. This led to further development and provided much needed practical experience.

This talk aims to introduce new developments in the rOCCI framework, especially recent efforts to support Amazon EC2 as a backend for rOCCI-server. It will briefly describe challenges involved in developing such a backend, the implemented architecture and currently available features. It will also discuss future plans for developing similar backends for MS Azure, Google Compute or a not-yet-selected VMWare product.

[1] <https://github.com/EGI-FCTF/rOCCI-server>

[2] <https://github.com/EGI-FCTF/rOCCI-core>

[3] <https://github.com/EGI-FCTF/rOCCI-api>

[4] <https://github.com/EGI-FCTF/rOCCI-cli>

[5] <http://www.egi.eu/infrastructure/cloud/>

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