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The Helix-Nebula Technical Architecture

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Description of the work

Emmanuel Mathot has a master degree in Computer Science specialised in data-mining from Université Catholique de Louvain, Belgium. During 5 years at European Space Agency, he led the development and operations for the Grid processing on demand project of ESA (G-POD) where he worked closely with multi-disciplinary scientific communities on HPC for satellite imagery. He joined Terradue Srl 2 years ago as Technical Leader and Architect for Grid/Cloud solutions.

Printable Summary

This presentation introduces the current knowledge of the Helix Nebula Technology and Architecture Group regarding the need of a federated framework to simplify discovery, access, usage and management of a federated cloud system. Alongside this objective, we aim at providing an integration framework, where current and future suppliers (i.e. cloud service providers) can easily interface their system to attract and receive cloud workload.

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