

Expanding the iMarine infrastructure for maritime and freshwater biology

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The iMarine infrastructure is the physical and organisational structure that dynamically provides the iMarine Community of Practice with the data and services it requires. iMarine is a Hybrid Data Infrastructure combining over 500 software components into a coherent and centrally managed system of hardware, software, and data resources. iMarine builds on the services offered by D4Science infrastructure (www.d4science.org) for management and operation (e.g. 24/7 operation and monitoring). gCube (www.gcube-system.org) is a key enabling technology underpinning iMarine.

In this talk the status and technical specifications of the iMarine infrastructure will be presented as well as the integration plan involving the EGI Federated Cloud.

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Session Classification: Federated Cloud IaaS - towards an international multi-disciplinary science cloud (<http://go.egi.eu/iaas>)