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Service-Oriented Storage, Access and Integration of Data

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National e-Science Centre
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MSST 2006

OGSA Data Services

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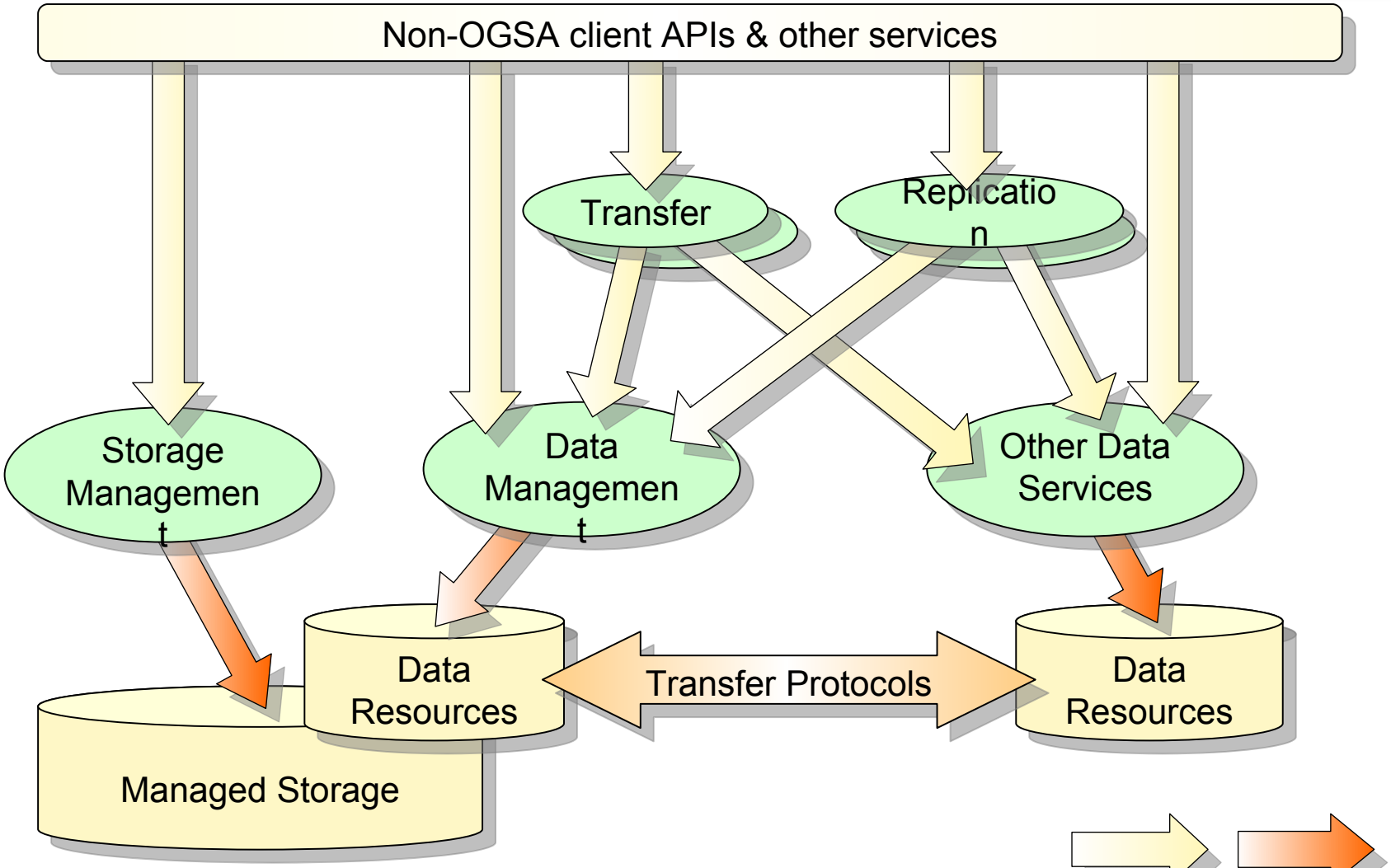

Basic Data Interfaces

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- Storage Management
  - e.g. Storage Resource Management (SRM)
- Data Access
  - ByteIO
  - Data Access & Integration (DAI)
- Data Transfer
  - Data Movement Interface Specification (DMIS)
  - Protocols (e.g. GridFTP)
- Replica management
- Metadata catalog
- Cache management

The OGSA-DAI project

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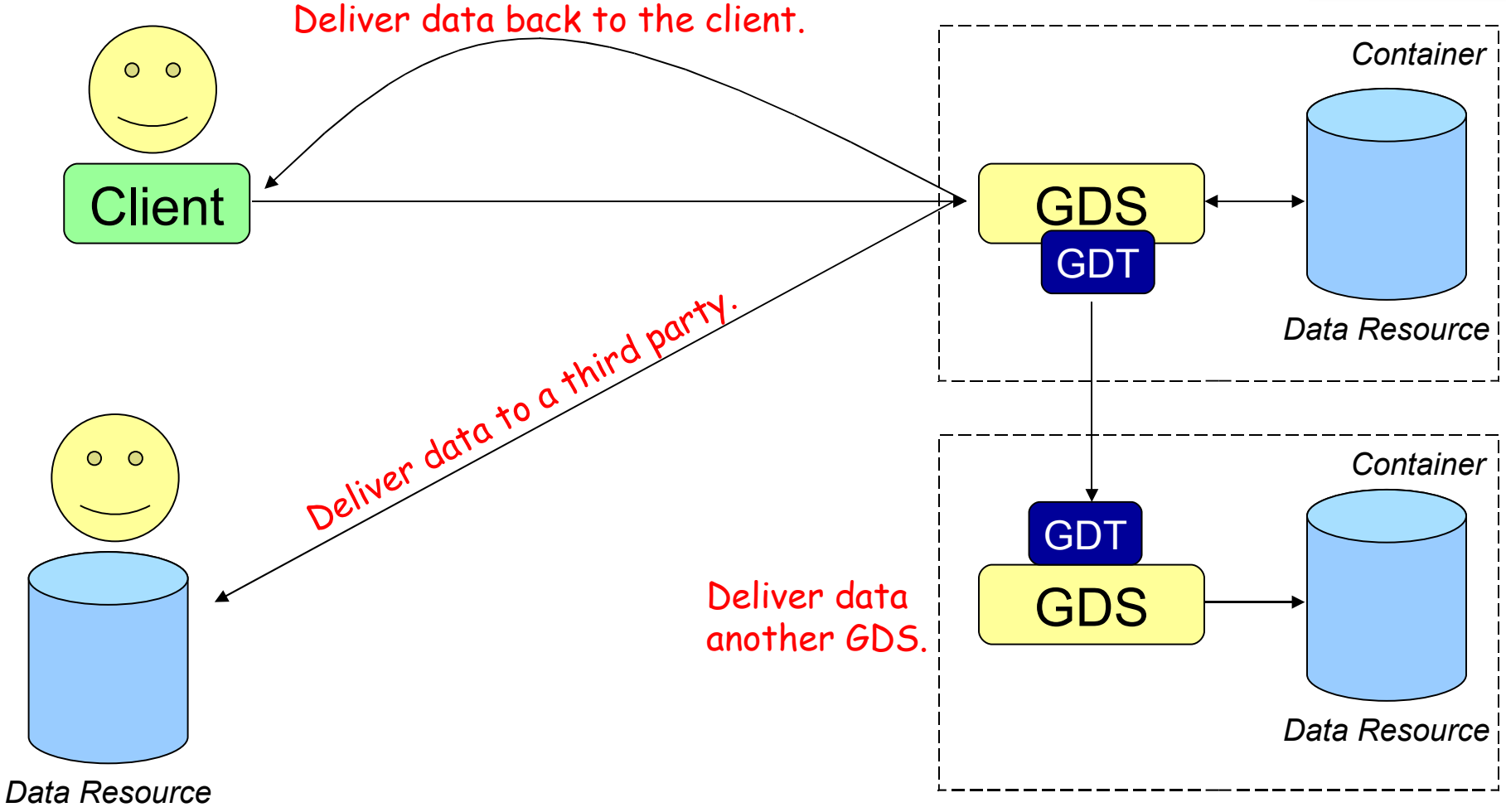

And there's a lot more that you can do …

The OGSA-DQP project

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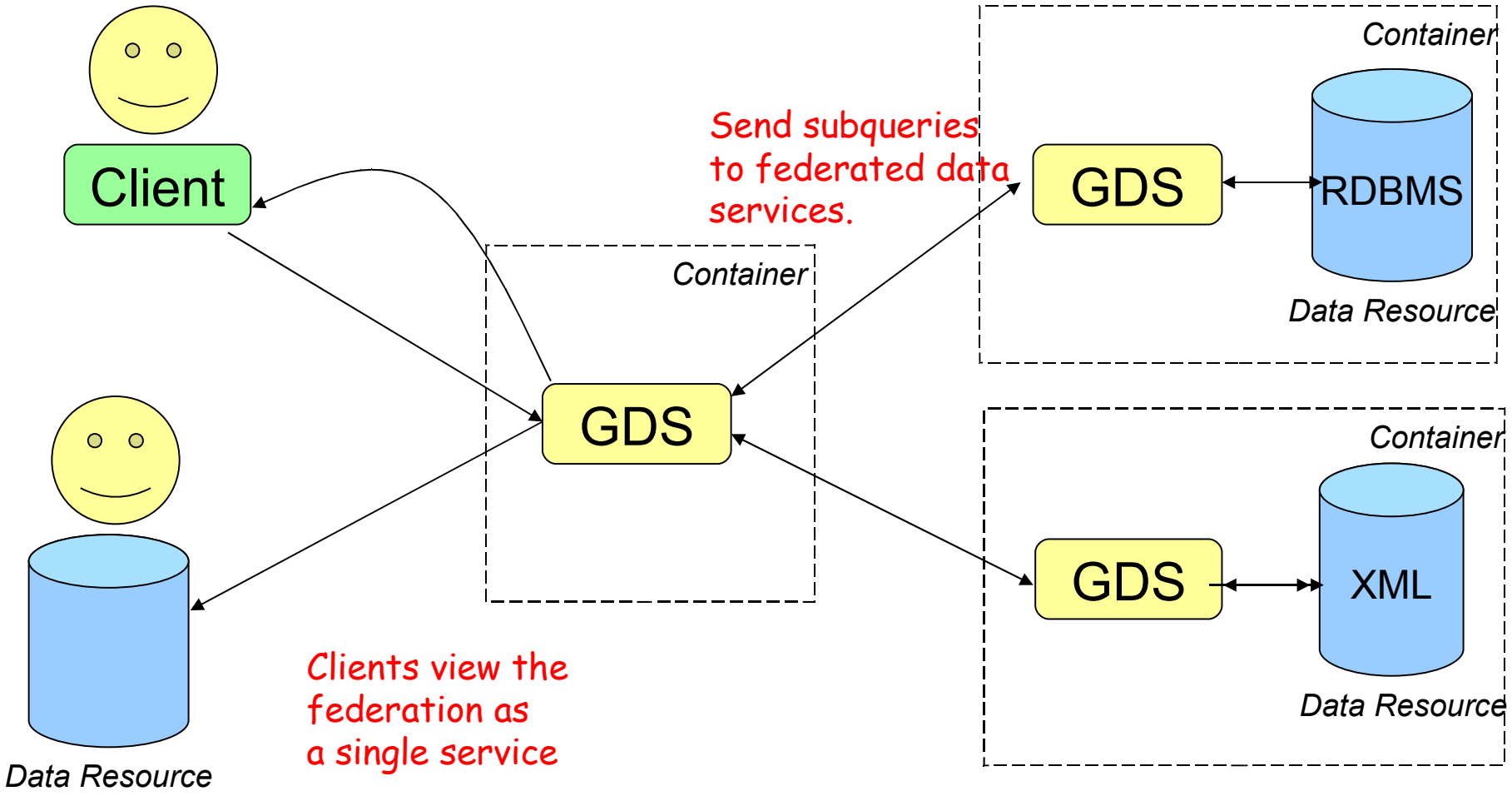

More information

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- https://forge.gridforum.org/projects/ogsa-wg/document/GGF17_keynote
- https://forge.gridforum.org/projects/ogsa-d-wg/document/Strawman-Architecture_V.6.0.4/en/1
- http://www.ogsadai.org.uk