



NORDUGRID

*Grid Solution for Wide Area
Computing and Data Handling*

LDAP rendering issues: ARC views

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Outline

- History
- Realization Document
- Distributed LDAP Hierarchy, ARC + gLite/BDII integration

History

- History seems always different depending on who talks about it...
- LDAP rendering defined in 2009/10
 - gLite- specific
 - No contribution from ARC
- ARC was the first to have his own GLUE2 LDAP tree realization
- EGEE implementation was different from 2009/10 draft
- EMI (2010-2013) invested large effort in GLUE2 LDAP implementation

All existing implementations are much different than 2009/10!

Realization Document

Q: “Freeze old (2010) version and start a new one?”

- In May 2012, with an update in July, we tried to synchronize the document with existing implementations:
 - **gLite/BDII**
 - **ARC**
- The document is the result of discussion between ARC and gLite/BDII developers.
- Outcome:
 - http://redmine.ogf.org/dmsf_files/125?download=
 - The above has issues identified and track changes, and was the foundation to EMI implementation.

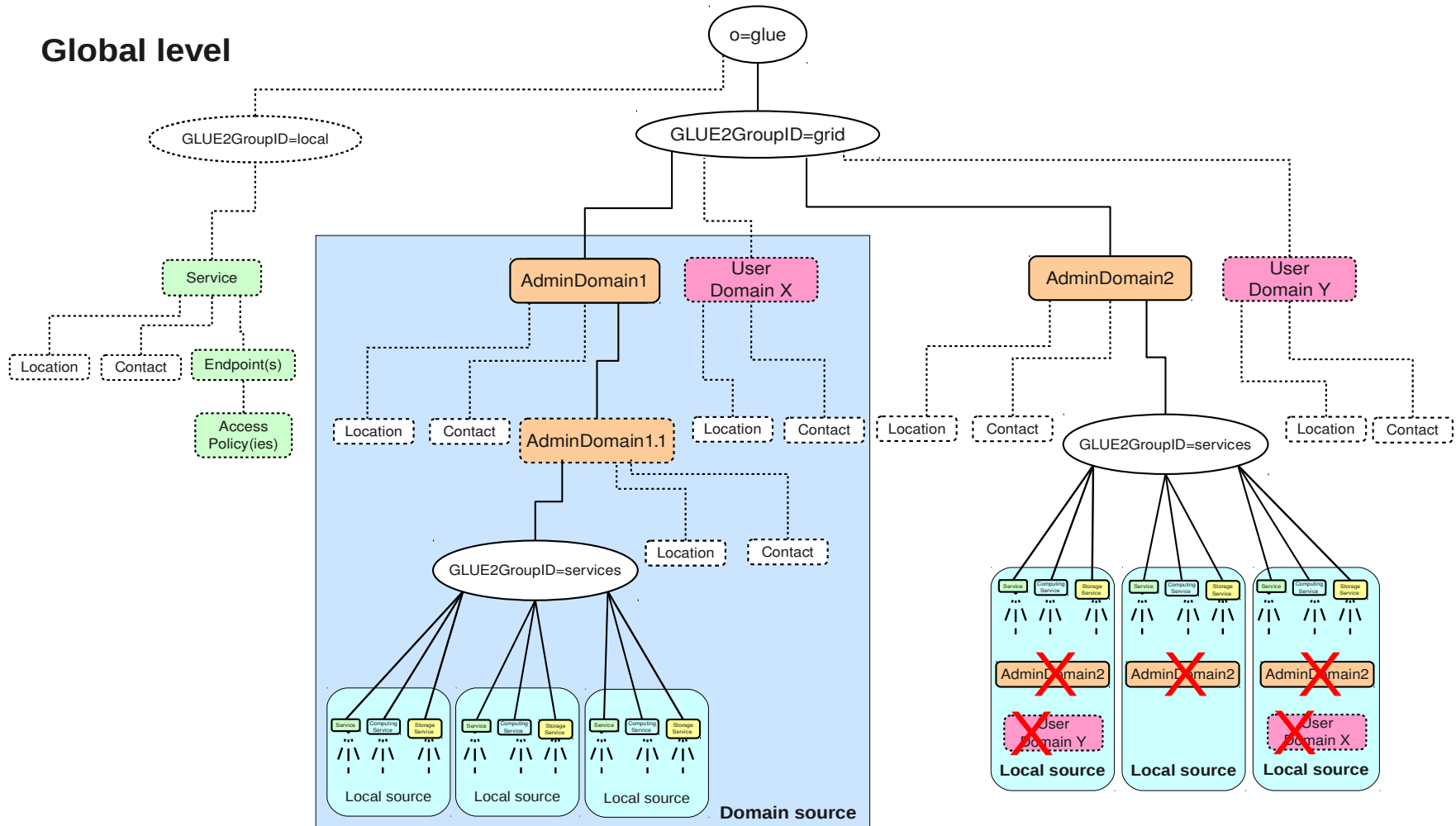
Realization Document: ARC's view

Q: "Remove all references to the tree?"

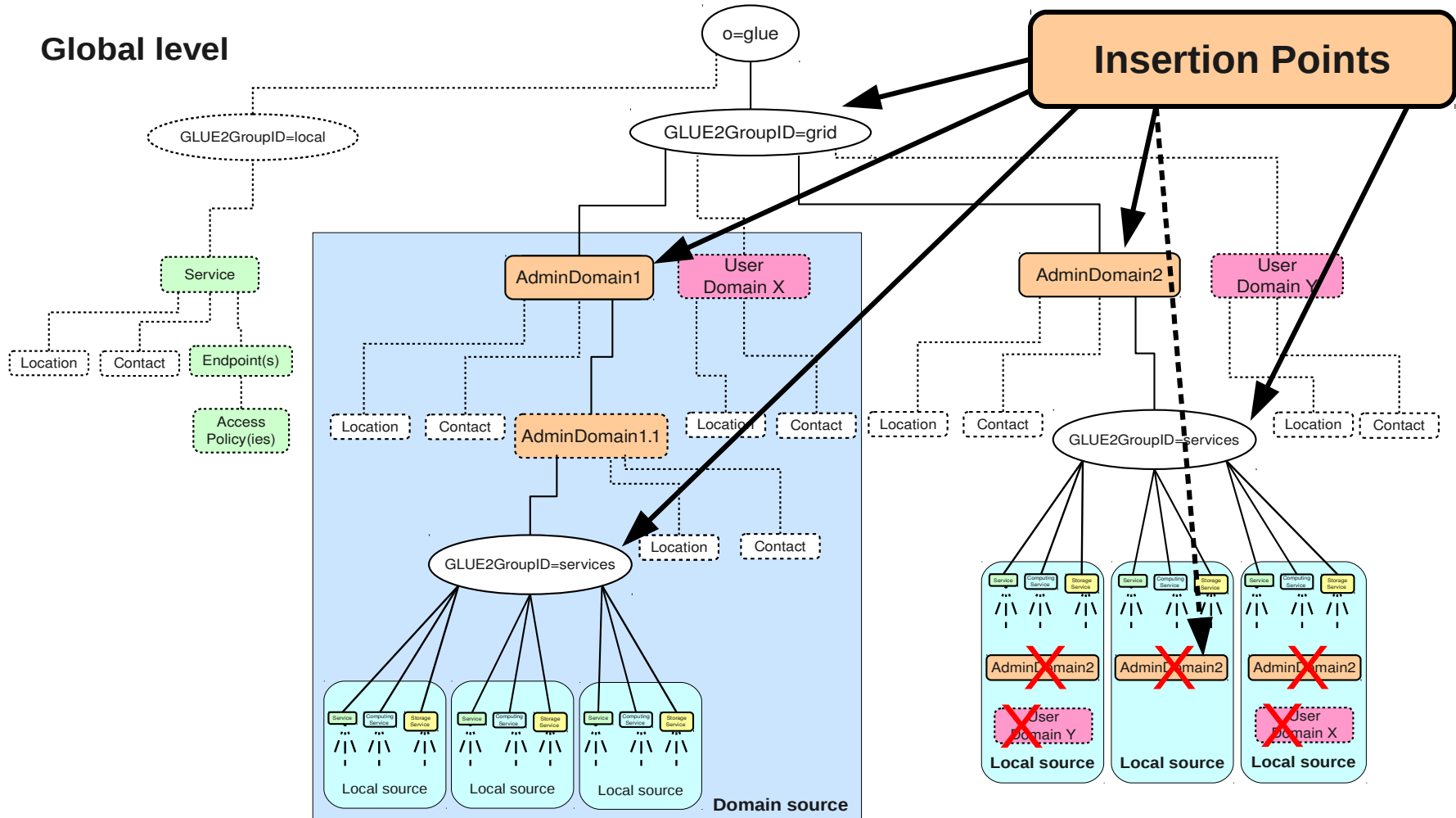
- Take the July 2012 document as a basis for further work
- Have a dedicated meeting where the changes are taken one by one and approved
 - **Should** reflect current implementation status and DIT structure agreement: the so called "insertion points"
- DIT issue: keep trees structures at least as examples of existing implementations.
- Resource BDII is a central concept for ARC and **NOT** *"implementation detail"*
- Site-BDII is unnecessary complication for ARC.

Distributed LDAP Hierarchy, ARC + gLite/BDII integration

Global level



Distributed LDAP Hierarchy, ARC + gLite/BDII integration



Thanks!

Questions??