Requirements - Requirement #762

(Requirement) User identities can be derived from existing institutional directory services

2010-08-10 22:55 - Matthew Jones

Status:	New	**Start date:**	
Priority:	High	**Due date:**	
Assignee:	Dave Vieglais	**% Done:**	0%
Category:	Requirement	**Estimated time:**	0.00 hour
Target version:			

Description

Many existing directory services are in use in the environmental sciences, and participating member nodes should be able to expose their directories through a standardized mechanism to allow users to make use of existing identities. For example, the KNB LDAP server is a federation of multiple LDAP systems from around the world, and these identities have been used in access rules for many existing objects.Rationale: Re-use of existing infrastructure reduces cost of participation and minimizes confusion over which accounts to use and which rules are associated with what account.

Fit Criteria

- The system provides a mechanism for exsiting directory services to join * The system provides a namespacing mechanism to differentiate users with the same id in different original directories (e.g., mjones@LTER, mjones@UCNRS)
- The same email address can be associated with multiple identities
- The same person or system can possess multiple identities
- If a user has multiple identities, the user can express equivalence rules that indicate that they are linked, equivalent identities for the purposes of authentication and authorization