Report on Schema inclusion into the DSR

TERENA project Directory Schema Registry, Deliverable H

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1. Status of this document

This is deliverable H of the TERENA project Directory Schema Registry (DSR), which is co-funded by TERENA, JISC (Joint Information Systems Committee, UK), REDIRIS (Spanish National Research Network), CESNET (Czech National Research Network), POZMAN SUPERCOMPUTING (Poznan Supercomputing and Networking Center, Poland) and DAASI International and performed by DAASI International. Together with five other deliverables [RegIntrod], [RegPolicy], [RegSchema], [RegArchitecture], [RegBusiness] and the bibliography [RegBib] it forms the documentation of this project.

2. Introduction

As already noted in [RegIntrod], there is a great variety of LDAP schema to be found in the Internet. Since it will be the task of the policy board to finalize decisions about which schema to include, this deliverable on including standardized schema into the DSR, was mainly intended to provide the DSR with the most important schema, which without doubt would be included anyway. That is why only Schema published in IETF RFCs have been included. All other schema will only be includedf according to the policy, specified in [RegPolicy].

3. List of included IETF RFCs

For the following RFCs appropriate MIME-Data have been created which have been included into the current operating DSR:

- rfc1274.txt: Barker, P., Kille, S., "The COSINE and Internet X.500 Schema", RFC 1274, November 1991.
- rfc2079.txt: Smith, M., ”Definition of an X.500 Attribute Type and an Object Class to Hold Uniform Resource Identifiers (URIs)”, RFC 2079, January 1997
- rfc2247.txt: Kille, S., Wahl,M., Grimstad,A., Huber,R., Sataluri,S., ”Using Domains in LDAP/X.500 Distinguished Names”, RFC 2247, January 1998
- rfc2307.txt: Howard, L., "An Approach for Using LDAP as a Network Information Service", RFC 2307, March 1998
- rfc2377.txt: Grimstad,A., Huber,R., Sataluri,S., Wahl,M., “Naming Plan for Internet Directory-Enabled Applications”, RFC 2377, September 1998
- rfc2587.txt: Boeyen, S., Howes,T., Richard,P., ”Internet X.509 Public Key Infrastructur LDAPv2 Schema”, RFC 2587, June 1999
- rfc2589.txt: Yaacovi, Y., Wahl, M., Genovese, T., "Lightweight Directory Access Protocol (v3): Extensions for Dynamic Directory Services", RFC 2589, May 1999
- rfc2649.txt: Greenblatt, B., Richard, P., "An LDAP Control and Schema for Holding Operation Signatures", RFC 2649, August 1999
- rfc2657.txt: Hedberg, R., ”LDAPv2 Client vs. the Index Mesh”, RFC 2657, August 1999

- rfc2713.txt: Ryan, V., Seligman, S., Lee, R., "Schema for Representing Java(tm) Objects in an LDAP Directory", RFC 2713, October 1999
- rfc2714.txt: Ryan, V., Lee, R., Seligman, S., "Schema for Representing CORBA Object References in an LDAP Directory", RFC 2714, October 1999
- rfc2739.txt: Small, T., Hennessy, D., Dawson, F., “Calendar Attributes for vCard and LDAP”, RFC 2739, January 2000
- rfc2798.txt: Smith, M., "Definition of the inetOrgPerson LDAP Object Class", RFC 2798, April 2000
- rfc2926.txt: Kempf, J., Moats, R., Pierre, P. St., "Conversion of LDAP Schemas to and from SLP Templates", RFC 2926, September 2000
- rfc3045.txt: Meredith, M., “Storing Vendor Information in the LDAP root DSE”, RFC 3045, January 2001
- rfc3060.txt: Moore, B., Ellesson, E., Strassner, J., Westerinen, A., “Policy Core Information Model -- Version 1 Specification“, RFC 3060, February 2001
- rfc3112.txt: Zeilenga, K., "LDAP Authentication Password Schema", RFC 3112, May 2001
- rfc3296.txt: Zeilenga, K., "Named Subordinate References in Lightweight Directory Access Protocol (LDAP) Directories”, RFC 3296, July 2002

4. Conclusion

With these RFCs inputed into the DSR, the DSR is already more complete than the existing LDAP Schema Viewer. The DSR adds a number of additional features (like name or keyword search) that makes the data even more useful.

Thus the current state of the DSR is already a very useful tool for retrieving LDAP schema. Continuous input of new schema will make it more and more useful.