

Is LDAP Dead ?

LDAPCon 2011 - Heidelberg
Ludovic Poitou - ForgeRock AS

About me



- Ludovic Poitou
- ForgeRock: Director ForgeRock France, Product Manager
- 1995-2010: Sun Microsystems
 - Architect, Community Manager
 - Directory Services team

LDAP

- 1993: RFC 1487 - X.500 Lightweight Directory Access Protocol
- 1995: RFC 1777 - LDAPv2
- 1997: RFC 2251 - LDAPv3
- 2006: RFC 4510 - LDAPv3 revision

An Ecosystem

- Many Servers vendors:
 - Apple, CA, IBM, Isode, Microsoft, Novell, Oracle, Red Hat, UnboundID, eB2Bcom ...
 - Optimal IdM, Quest (Sym Labs), Radiant Logic

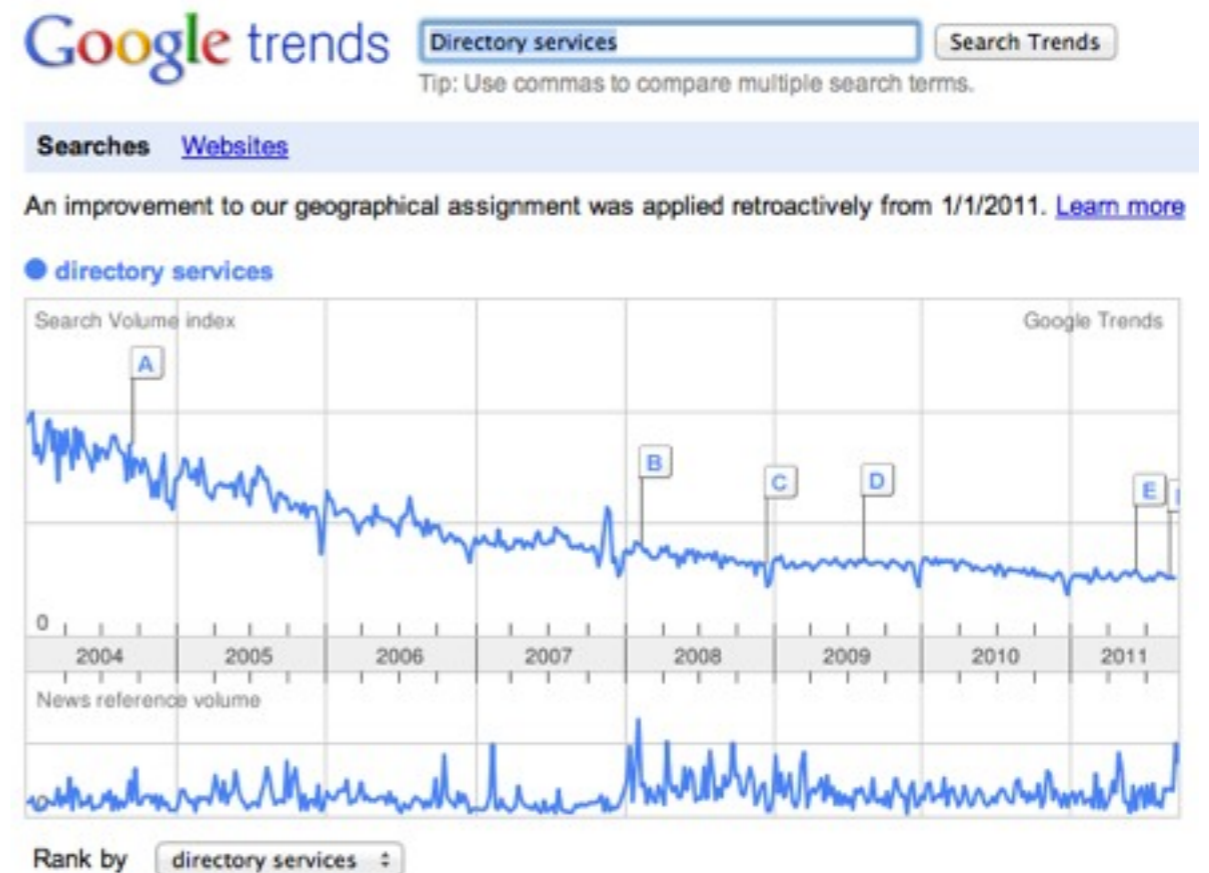
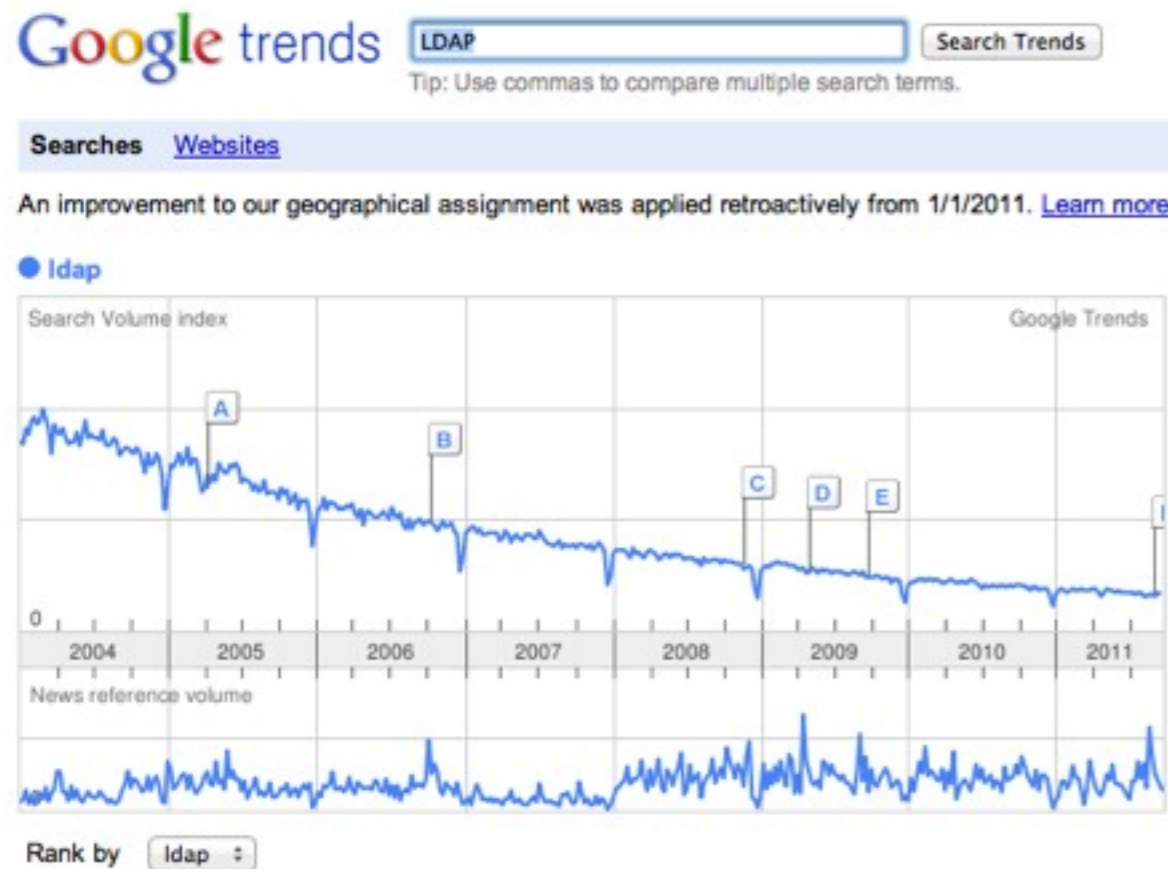
An Ecosystem

- 5 active open source LDAP server projects
 - Apache Directory Server
 - LDAP.js
 - OpenDJ
 - OpenLDAP
 - Port 389 (Red Hat directory server)

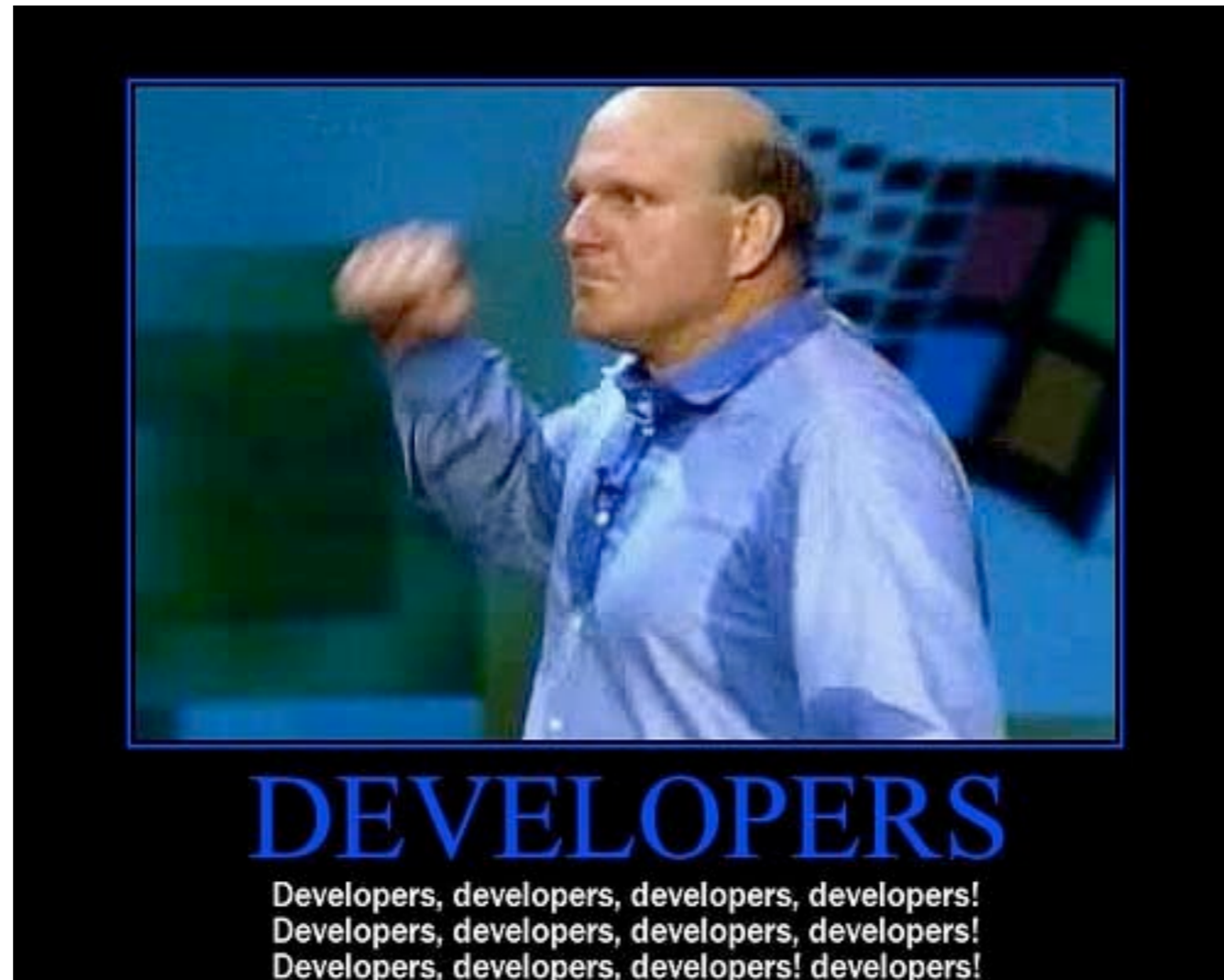
An Ecosystem

- An lots of active open source projects:
 - Apache Directory Studio
 - LSC-Project
 - LDAP-ToolBox

Mature and Declining

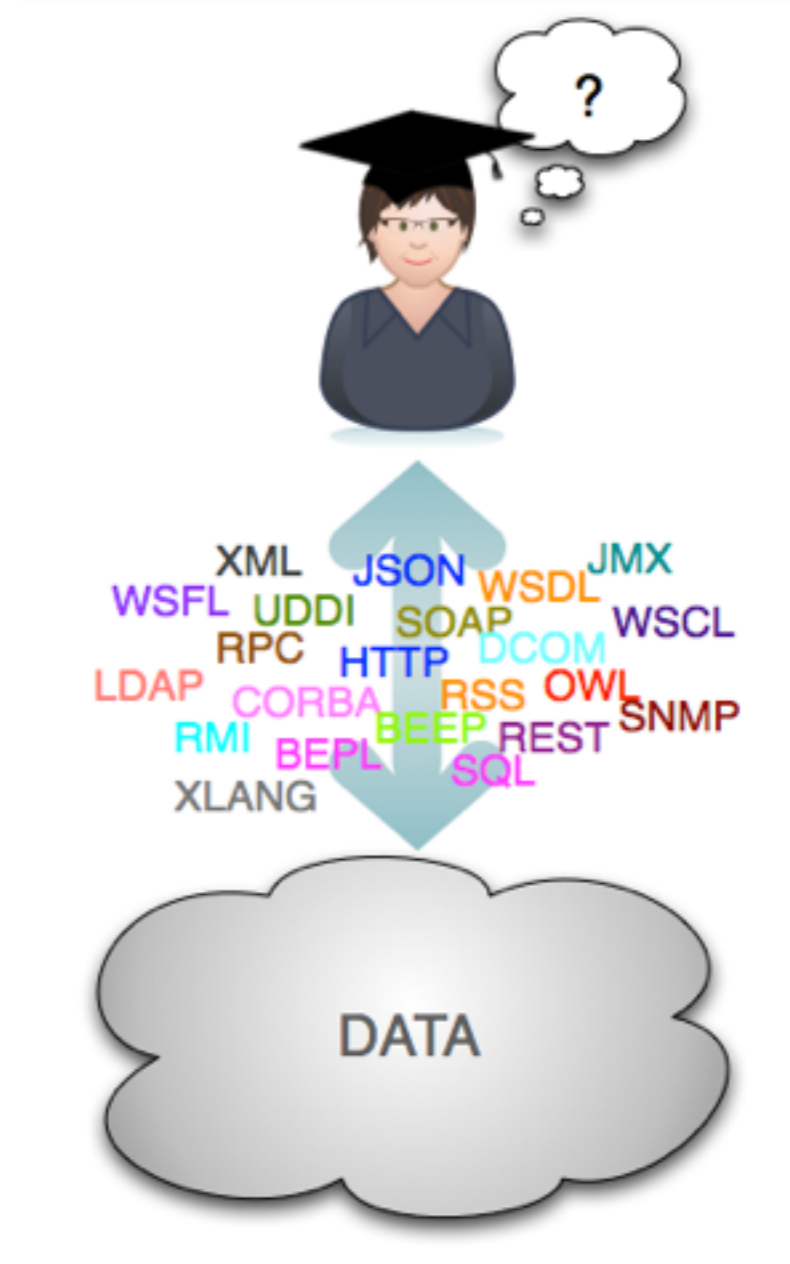


But why DEAD ?



Developer's dilemma

- Too many technologies
- Selection happens
- Is LDAP relevant ?



HTTP, Rest, JSON

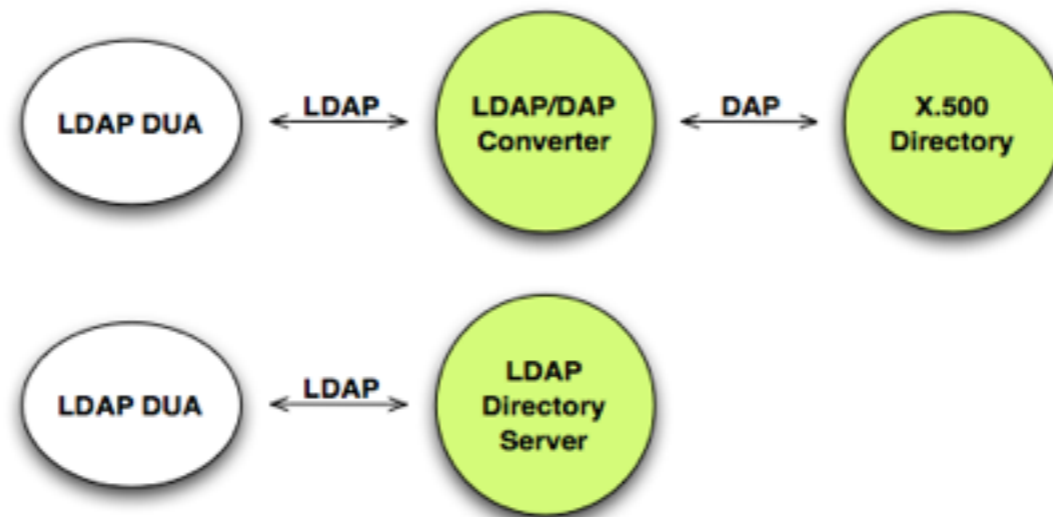
- It's the new API
 - Google, Facebook, Twitter, FourSquare...
- Web Services
- Cloud
- No SQL databases
- Service Oriented Architecture

The new API

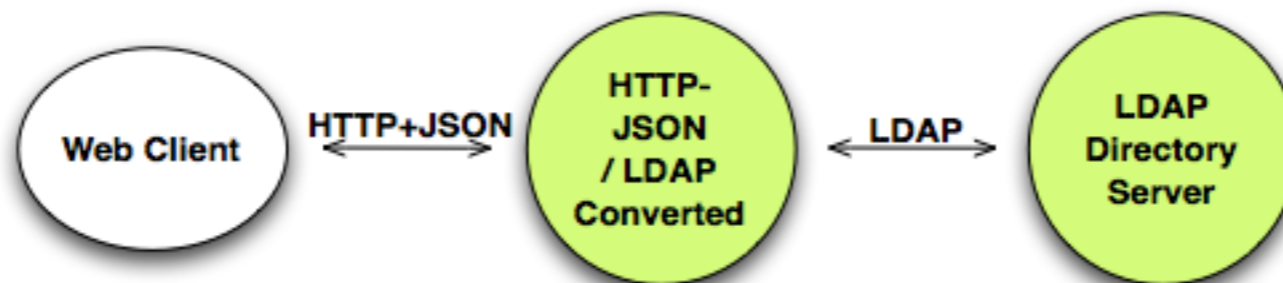
- JSON2LDAP
- <http://nimbusds.com>
- SCIM: Simple Cloud Identity Management (aka Cloud Directory)
- <https://sites.google.com/site/clouddir/home>
- Virtual directory servers also have rest web service access



Remember X.500 ?



- What happens with HTTP/JSON ?



Is LDAP Dead ?

- Not yet.
- But how long before it is ?
- Is there anything we can do ?



create OR die!

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