

Some OAI Stuff

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OAI-PMH Based Services

- Test OAI Compliance of your archive:
 - Repository Explorer
<http://oai.dlib.vt.edu/cgi-bin/Explorer/oai2.0/testoai/>
- Register archive:
 - Open Archives Initiative Registry: <http://www.openarchives.org/>
 - Specific service providers (e.g. OAISTER)
 - <http://archives.eprints.org/eprints.php>
- Search engines (Service Providers)
 - Arc: <http://arc.cs.odu.edu/>
 - MyOAI: <http://www.myoai.org/>
 - Physnet: (subset of arXive, IOP...)
 - <http://physnet.uni-oldenburg.de/oai/query.php>
 - OAister: <http://oaister.umdl.umich.edu/o/oaister/>
 - Google is getting into this business now!!!

What Service Providers do?

- Use OAI-PMH protocol (verbs) to interact and obtain metadata from individual archives
- Example:
 - <http://192.9.30.124/perl/oai2?verb=Identify>
 - <http://192.9.30.124/perl/oai2?verb=ListMetadataFormats>
 - `http://192.9.30.124/perl/oai2?verb=ListIdentifiers&metadataPrefix=oai_dc`
 - `http://192.9.30.124/perl/oai2?verb=GetRecord&identifier=oai:iiscePrints.OAI2:10&metadataPrefix=oai_dc`

Repository interoperability through OAI protocol

