


Lecture

Sharing collections with OAI-PMH

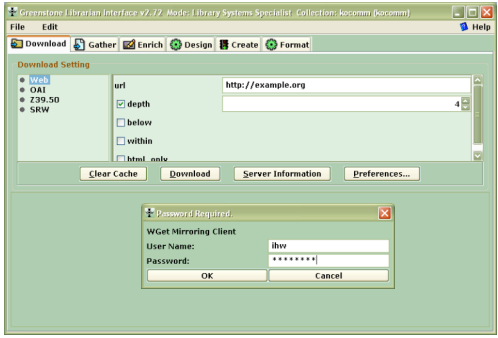
The Greenstone OAI server

- ❖ Runs as a CGI program called *oaiserver*
 - Greenstone installation
`http://.../cgi-bin/gsd1`
 - OAI server
`http://.../cgi-bin/oaiserver?verb=Identify`
`http://.../cgi-bin/oaiserver?verb=ListSets`
`http://.../cgi-bin/oaiserver?verb=ListIdentifiers&set=xxx`
`http://.../cgi-bin/oaiserver?verb=ListIdentifiers&set=xxx&metadataPrefix=oai_dc`
`http://.../cgi-bin/oaiserver?verb=ListRecords&set=xxx&metadataPrefix=oai_dc`
`http://.../cgi-bin/oaiserver?verb=GetRecordIdentifier=xxx&metadataPrefix=oai_dc`
- ❖ Requires a full webserver (not "local library" version)
- ❖ Configuration file: `etc/oai.cfg` in the Greenstone filespace
 - repository name and version (OAI 1.1 or 2.0)
 - collections to be made accessible to OAI clients
 - metadata mapping file into DC (server only supports DC)

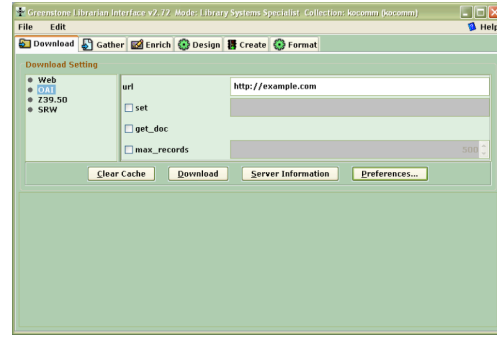
OAI 1.1
OAI 2.0



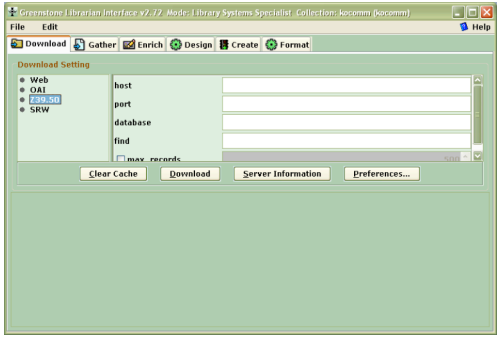
Acquiring web documents



Acquiring OAI metadata + docs



Acquiring Z39.50/SRW metadata



Exporting a collection



Exporting as DSpace, METS ...

