Use the OAI-PMH interface

Files:

- `dspace-source/build/dspace-oai.war`
- `http://_web-address-to-my-dspace_/dspace-oai`

(OAI-PMH base URL)

Instructions:

1. Whenever you rebuild DSpace (see Rebuild DSpace), the OAI-PMH (http://www.openarchives.org/pmh) interface is automatically rebuilt into the `dspace-oai.war`. In order to enable the OAI-PMH interface, you just need to copy this `dspace-oai.war` file into your `Tomcat/webapps` directory. (It likely will already be there if you followed the installation directions completely).
2. If you've never used OAI-PMH before, there is a Beginner's Tutorial from the Open Archives Forum available at: `http://www.oaforum.org/tutorial/
3. Here's a few basic OAI-PMH "verbs" (i.e. commands) you may wish to familiarize yourself with (all example DSpace URLs should be on a single line):
   - **Identify** - used to retrieve information about a repository:
     `http://_web-address-to-my-dspace_/dspace-oai/request?verb=Identify`
   - **ListMetadataFormats** - lists metadata formats supported for OAI-PMH:
     `http://_web-address-to-my-dspace_/dspace-oai/request?verb=ListMetadataFormats`
   - **ListRecords** - permits metadata harvesting of all or a selection of items:
     `http://_web-address-to-my-dspace_/dspace-oai/request?verb=ListRecords&metadataPrefix=oai_dc`
   - **ListSets** - lists the "sets" (i.e. DSpace Collections) available in a repository:
     `http://_web-address-to-my-dspace_/dspace-oai/request?verb=ListSets`

4. You may wish to register your Base URL (see Files list above) in the following locations, so that others may harvest your metadata and link back to your site:
   - OAI-PMH Data Provider Registry: `http://www.openarchives.org/data/registerasprovider.html`
   - Directory of Open Access Repositories: `http://www.opendoar.org/`
   - Registry of Open Access Repositories: `http://roar.eprints.org/
   - OAister: `http://www.oaister.org/

There's also a web interface available for browsing repositories via OAI-PMH (a hosted OAI client) called OAI Repository Explorer: `http://re.cs.uct.ac.za/`