

Release Name: 2.86

Release Date: 31 October 2013

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http://wiki.greenstone.org/doku.php?id=en:release:2.86_release_notes

For those migrating from earlier versions

This section contributed by John Rose.

Some of the new Greenstone features which facilitate the creation of institutional repositories and other open access collections:

1. OAI server

Your collections can easily be made available for remote harvesting using OAI-PMH protocol, which works silently in parallel with normal web access to the collections. All that you have to do is to add a bit of configuration data in the oai.cfg text file in the etc subdirectory under the Greenstone home directory. The data to specify is explained in comment lines in the above file. If the collections to be made available through OAI-PMH do not all use Dublin Core metadata or one of the two other standard OAI metadata sets, the oai.cfg file will need to contain mapping data to translate your metadata into one of the Greenstone OAI-PMH metadata sets (also explained in the comments to the oai.cfg file).

OAI-PMH support has been provided for some time by Greenstone, but there have previously been a few functional gaps, as well as a bug in version in 2.84. From version 2.85 onwards, all official OAI-PMH validation criteria have been tested and satisfied; you will be able to validate your own OAI-PMH server using instructions given in the release notes. If you don't specify the urls for the associated documents in the metadata, the system can automatically generate internal urls so that users can access the full documents from the harvested OAI records. You will also now be able to harvest OAI-PMH records and the associated documents residing in external Greenstone collections (in 2.84, harvesting worked to access information in non-Greenstone collections, but there was problem in harvesting from other Greenstone collections).

Much information is put up on the web without clear specification of the concerned intellectual property rights. Although this is not good practice in general, when activating the OAI server special care should be taken to ensure that your documents are really available under open access

conditions (in the public domain or freely distributable and re-distributable under an open access license such as Creative Commons). Greenstone can only take care of the technical access - for legal and organisational considerations, prospective open access providers may consult, for example, the resource links of the EIFL Open Access programme (<http://www.eifl.net/eifl-oa-resources>).

Once your OAI server is operational, to provide maximal international visibility for your open access collections you should register them in at least one (and ideally all) of the following: the ROAR directory (<http://roar.eprints.org/>), the OAI directory (<http://www.openarchives.org/Register/BrowseSites>) and the OpenDOAR directory (<http://www.opendoar.org/>). It would also be very nice if you could confirm to this list that your server is operational, providing the url base address.