

SWORD-Fedora 1.2

Current released version

 SWORD-Fedora 1.1 (September 2008) is the currently released version. However, this document describes the upcoming SWORD-Fedora 1.2 release.

Compatibility

 Compatible with Fedora Version 2.x, 3.x.

Table of Contents

[About This Service](#)
[Installation](#)

About This Service

SWORD (Simple Web-service Offering Repository Deposit) is a protocol for interoperable deposit between repository platforms. It was developed by a JISC project during 2007. See <http://www.swordapp.org/> and <http://sourceforge.net/projects/sword-app/> for more information.

Although the current release version of SWORD-Fedora is 1.1, this document describes the upcoming release which provides both SWORD Profile 1.3 and Fedora 3.x support.

Installation

To install the service:

- Pending the release of SWORD-Fedora 1.2, download a GNU tarball of the latest source from <http://sword-app.svn.sourceforge.net/viewvc/sword-app/fedora/trunk.tar.gz?view=tar>.
- Unpack trunk.tar.gz (e.g. `tar xvzf trunk.tar.gz`).
- Edit `conf/properties.xml`
 1. Replace all instances of `FEDORA_HOST:FEDORA_PORT` with the host and port of your Fedora installation, e.g.: replace `http://FEDORA_HOST:FEDORA_PORT/fedora/get/##PID##` with `http://localhost:8080/fedora/get/##PID##`
 2. Similarly, update the `properties/fedora/host` and `properties/fedora/port` elements.
 3. Edit `properties/general/repository_uri` to point to the SWORD-Fedora endpoint, e.g. `http://localhost:8080/sword` (or any unique uri for your repository).
 4. Edit `properties/general/temp_dir` with the full path to a temporary directory that SWORD-Fedora can use for processing uploads (e.g. `/tmp`).
 5. Optionally, edit the `service_document` element (see <http://www.swordapp.org/docs/sword-profile-1.3.html> for more details)
 - For example, to accept Microsoft Word 2007 documents, add the `application/vnd.openxmlformats-officedocument.wordprocessingml.document` mime-type to the list of accepted mime-types.
- Edit `build.xml`
 - Change `<property name="tomcat" location="/usr/local/jakarta-tomcat-5.0.28"/>` to point to the location of your Tomcat installation (e.g. `/usr/local/fedora/tomcat`).
- Build SWORD-Fedora
 - `ant dist`
 - This will build `sword.war` and copy it to the webapps directory of the Tomcat installation specified in `build.xml`.