



SCIDIP-ES Registry Service Installation Quick Start

Prerequisites

- CentOS release 6.4
- Apache
- Tomcat6
- MySql (Ver 14.14)

Install the Registry

Follow the steps in the installation manual

Test the installation

The Registry Service REST API's is available from the url:

`http://<server_name>/ScidipRegistry`

The main access to the Registry is available at the URL:

`http://<server_name>/ScidipRegistry/RILProduct`

The GET request to get a RepInfoLabel (or a Manifest) from the Registry is in the form:

`http://<server_name>/ScidipRegistry/RILProduct?q=cpid:<CPID>`

Insert a new RepInfoLabel/Manifest into the Registry

To insert a new RepInfoLabel or a Manifest into the Registry, the HTTP POST operation is used.

HTTP POST operation, with xml file as payload, is addressed to:

`http://<server_name>/ScidipRegistry/feed`

by using the following CURL statement:

```
curl --data-binary @<full_xml_path> -H 'Content-Type: text/xml'
http://<server_name>/ScidipRegistry/feed
```

The Repository

The Repository is accessible at the URL:

`http://<server_name>/ScidipRepository/`



The service allows user to store/download/delete digital objects from the MogileFS storage. The different functionalities are available at different endpoints as reported here below.

The Repository, available at the URL:

```
http://<server_name>/ScidipRepository/download/<DigitalObjectCPID>
```

Allows user to download digital objects.

Insert a new DigitalObject into the Repository Service

The corresponding URL is: `http://<server name>/ScidipRepository/store` and the complete curl query is:

```
curl --data-binary @full_data_path -H 'Content-Type: <mime type>'  
http://<server name>/ScidipRepository/store/<digitalObjectCPID>
```

where **<mime type>** depends on the digital object type (usually application/pdf, text/plain, text/xml or application/octet-stream is used)

An example:

```
curl --data-binary @MERIS_Calibration_Paper_20120917.pdf -H 'Content-Type:  
application/pdf' http://registry.scidip-es.eu/ScidipRepository/store/MAN-  
MERIS_Calibration_Paper_20120917
```

Getting a DigitalObject by CPID from the Repository Service

There two ways to get data from repository service: via the command line or web download:

By running the curl query:

```
curl -o outfilename  
http://<server_name>/ScidipRepository/download/<objectCPID>
```

By opening a browser to the same url:

```
http://<server_name>/ScidipRepository/download/<objectCPID>
```

Example:

```
curl -o MERIS_Calibration_Paper_20120917.pdf http://esaregistry.scidip-  
es.eu/ScidipRepository/download/MAN- MERIS_Calibration_Paper_20120917
```