

# How to Access Islandora Reporting Functions

This section will show you how to access some of the basic error reporting functions in both Drupal and Fedora.

## Error Reporting in Drupal

Drupal, PHP, and SQL errors are reported to the Drupal Watchdog logs. These logs can be accessed by logging into your site, clicking the 'Administer' link (or navigating to <http://URL.of.your.site/admin>) and clicking 'Recent log entries' under 'Reports'.

### Reports





View reports from system logs and other information.

- Recent log entries
- Top 'access denied' errors
- Top 'page not found' errors
- SWF Tools status
- Status report

- ImageAPI
- Output formats
- Islandora Book Admin
- Islandora Configure
- Islandora Solr Client
- Query Update
- Logging and alerts
- Performance
- Site information
- Site maintenance
- SWF Tools
- Tabs

Click here to view the watchdog logs

You will see a list of recent log entries from various sources. Not all entries are errors - error messages will be marked with a red 'X'.

|  |                    |  |               |
|--|--------------------|--|---------------|
| aggregator   | 12/20/2011 - 11:00 | There is new syndicated content from ...                 | Anonymous     |
| aggregator   | 12/20/2011 - 11:00 | There is new syndicated content from ...                 | Islandora ... |
|  php              | 12/20/2011 - 10:49 | file_get_contents(/sites/all/libraries/mediaplayer/...   | ...           |
|  php              | 12/20/2011 - 10:49 | file_get_contents(/sites/all/libraries/mediaplayer/...   | ...           |
|  php              | 12/20/2011 - 10:49 | file_get_contents(/sites/all/libraries/mediaplayer/...   | admin         |
|  FEDORA_REPOSITOR | 12/20/2011 - 10:48 | Error trying to call SOAP function getObjectProfile: ... | admin 3       |
|  FEDORA_REPOSITOR | 12/20/2011 - 10:48 | Error trying to call SOAP function getObjectProfile: ... | admin 3       |
|  FEDORA_REPOSITOR | 12/20/2011 - 10:48 | Error trying to call SOAP function getObjectProfile: ... | admin 3       |

Click a message description to view it in more detail.

Clicking on a message description will give you a detailed summary of the error. You can use this information to troubleshoot a problem yourself, or to provide more detail to a technical support contact.

| Details    |  |
|------------|--|
| Type       | FEDORA_REPOSITOR   |
| Date       | Tuesday, December 20, 2011 - 10:48   |
| User       | admin  |
| Location   | http://192.168.56.195/batch?id=71&op=do  |
| Referrer   | http://192.168.56.195/batch?op=start&id=71   |
| Message    | Error trying to call SOAP function getObjectProfile: SoapFault exception: [soapenv:Server.userException] org.fcrepo.server.errors.ObjectNotInLowlevelStorageException: islandora:sp_pdf_collection in /var/www/drupal/sites/all/modules/islandora/api/fedora_item.inc:897 Stack trace: #0 /var/www/drupal/sites/all/modules/islandora/api/fedora_item.inc(897): SoapClient->__soapCall('getObjectProfil...', Array) #1 /var/www/drupal/sites/all/modules/islandora/api/fedora_item.inc(45): Fedora_Item::soap_call('getObjectProfil...', Array) #2 /var/www/drupal/sites/all/modules/islandora/fedora_repository.module(2157): Fedora_Item->__construct('islandora:sp_pd...') #3 [internal function]: fedora_repository_batch_reingest_object(Array, Array) #4 /var/www/drupal/includes/batch.inc(189): call_user_func_array('fedora_reposito...', Array) #5 /var/www/drupal/includes/batch.inc(105): _batch_process() #6 /var/www/drupal/includes/batch.inc(33): _batch_do() #7 /var/www/drupal/modules/system/system.admin.inc(1829): _batch_page() #8 [internal function]: system_batch_page() #9 /var/www/drupal/includes/menu.inc(349): call_user_func_array('system_batch_pa...', Array) #10 /var/www/drupal/index.php(17): menu_execute_active_handler() #11 {main} |
| Severity   | emergency  |
| Hostname   | 192.168.56.1   |
| Operations | 3  |

## Error Reporting in Fedora

Fedora error reporting can be access via the command line (assuming you have the right permissions). Start by opening a Terminal window and type the following:

```
ssh username@ip.address.of.server
```

You will then be prompted for your password.

```
Last login: Thu Jan 12 20:15:44 on ttys000
dwilcox-MacBook-Pro:~ dwilcox$ ssh islandora@192.168.56.195
islandora@192.168.56.195's password: █
```

Enter your username  
and password to  
access your server  
via SSH

Navigate to your Fedora logs directory; for example:

```
cd /usr/local/fedora/server/logs
```

From here you can type 'ls' to view a list of files in the directory.

```
islandora@Islandora:~$ cd /usr/local/fedora/server/logs/
islandora@Islandora:/usr/local/fedora/server/logs$ ls
djabatoka.log          djatoka.log.2011-08-31  djatoka.log.2011-10-17
djabatoka.log.2011-07-26  djatoka.log.2011-09-01  djatoka.log.2011-10-18
djabatoka.log.2011-07-27  djatoka.log.2011-09-06  djatoka.log.2011-10-19
djabatoka.log.2011-07-29  djatoka.log.2011-09-09  djatoka.log.2011-10-20
djabatoka.log.2011-08-01  djatoka.log.2011-09-12  djatoka.log.2011-10-24
djabatoka.log.2011-08-02  djatoka.log.2011-09-16  djatoka.log.2011-10-25
djabatoka.log.2011-08-03  djatoka.log.2011-09-17  djatoka.log.2011-10-26
djabatoka.log.2011-08-04  djatoka.log.2011-09-18  djatoka.log.2011-11-29
djabatoka.log.2011-08-08  djatoka.log.2011-09-19  djatoka.log.2011-12-14
djabatoka.log.2011-08-09  djatoka.log.2011-09-21  fedoragsearch.log
djabatoka.log.2011-08-10  djatoka.log.2011-09-22  fedoragsearch.log.1
djabatoka.log.2011-08-11  djatoka.log.2011-09-23  fedora.log
djabatoka.log.2011-08-20  djatoka.log.2011-09-25  fedora.log.1
djabatoka.log.2011-08-23  djatoka.log.2011-09-26  fedora.log.2
djabatoka.log.2011-08-24  djatoka.log.2011-09-27  fedora.log.3
djabatoka.log.2011-08-25  djatoka.log.2011-09-29  fedora.log.4
djabatoka.log.2011-08-26  djatoka.log.2011-10-04  fedora.log.5
djabatoka.log.2011-08-29  djatoka.log.2011-10-10  fedora-rebuild.log
djabatoka.log.2011-08-30  djatoka.log.2011-10-16
islandora@Islandora:/usr/local/fedora/server/logs$ █
```

You can view a log file in various ways; for example:

```
less fedora.log
```

This will print the log to the screen. You can use this information to troubleshoot a problem yourself (depending on your level of Fedora knowledge), or to provide more detail to a technical support contact.

## Apache Tomcat Logs

The Apache Tomcat logs may also be useful in diagnosing problems. You can access these logs by navigating to your Tomcat logs directory; for example:

```
cd /usr/local/fedora/tomcat/logs
```

The most relevant log file in this directory is `catalina.out`. As with `fedora.log`, you can view this file in various ways; for example:

```
less catalina.out
```