

CORAL Usage Statistics Reporting Module Documentation

Technical Documentation

Note: The majority of technical details are the same as in the CORAL Technical Documentation. Differences are noted here.

Server-Side Requirements and Setup

Database

The CORAL Usage Statistics Reporting Add-On connects to your existing MySQL CORAL Usage Statistics Database. You should have a database user that has permissions to select from this database. This can be the same as the user used to connect to the CORAL Usage Statistics database.

For the Usage Statistics and Reporting data models and the MySQL Workbench file, refer to <http://erm.library.nd.edu/documentation.html>

Authentication

Please set up the /reports/ directory to require the amount of authentication you would like to have for the Reporting Module – it may differ from your other CORAL authentication since there may be more library personnel allowed access.

Web side

Page – index.php and report.php are the only scripts used.
/css/styles.css is the general css file used

Javascript

All javascript code is stored under /js/ directory.

The directory /js/plugins/ directory contains third party javascript (jquery library) .

Installation

Installation can occur in one of two ways – either through the web installation script or manually. Web installation will provide advantages over manual because it will check the MySQL connection, Base URL (optional) and PHP version.

You may place the Reporting Tool in a different area of the web server or under your parent CORAL directory. If you place it in a different location and will be using the Usage Reporting link provided in the header of the Usage Statistics Module you'll need to modify the /usage/templates/header.php file for the new link.

Web installation

Visit <http://.../coral/reports/install/> and follow instructions on the screen

Be sure to remove the /install/ directory once installation is complete

Manual Installation

Install database tables

1. Create new database schema (recommended name is coral_reporting_prod)
2. Open SQL file in /coral/reports/install/create_tables_data.sql and replace _DATABASE_NAME_ with your new database schema name
3. Run SQL file

Update /admin/configuration.ini

***Important* First rename /admin/configuration_sample.ini to /admin/configuration.ini**

1. Under [settings]
 - a. baseURL= - Enter your link resolver's base url for 'view in link resolver' links in title-level reports for each title. CORAL will add the "&rft.issn=xxxx-xxxx" (and eissn if available) to the URL.
2. Under [database]
 - a. type=mysql - currently only MySQL is supported but other database types could be supported if modifications to the generic database classes are made
 - b. host= - MySQL server - could be localhost as well
 - c. name= - Database name (e.g. coral_reports_prod)
 - d. usageDatabase= - Usage Statistics Database name (e.g. coral_usage_prod)
 - e. username= - recommended to have a single user with select, update, insert, delete access to all CORAL modules. This user must have select access to the Usage Statistics MySQL schema (e.g. coral_usage_prod)
 - f. password= - password for above mentioned user
3. Also be sure to add .htaccess file and remove the /install/ directory once complete for security reasons