RAMP Documentation

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1 Installation

1.1 Requirements

- MySQL 5.1.5+

- PHP 5+

- php_xsl extension enabled

- Apache (other web servers like nginx+php-fpm may work)

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1.2 Create the RAMP Database

The 'ramp/sql' folder contains a .sql file that can be used to create the database that RAMP requires.

```
mysqldump -u username -ppassword --host=hostname ramp < ramp.sql
```

1.3 Update db.php and Configuration Files

Before using RAMP, change the 'ramp/conf/db.php' to reflect your current database connection information.

1.3.1 Other Configuration Files

- inst_info.php

  This file includes institutional information that appears in EAC records.

- xsl.php, paths.php

  These files include the paths to XSL stylesheets.

1.4 Add EAD Records

Before using the RAMP, the 'ead' folder should have correct read/write permissions set.

```
chown -R www-data ramp/ead
chmod 2755 ramp/ead
```

This folder should contain all the EAD files that you want to work with.

2 Usage

2.1 EAD to EAC Conversion

The 'Convert' link leads to a form that allows you to specify the path to EAD files. This path should have appropriate permissions so that the script can read and write files. After submitting the form, the script performs an XSLT transformation on all the files in the folder. After a successful transformation, the original EAD record is imported into the database, along with the newly created EAC-CPF record.

When the conversion process is completed the original EAD files are removed.

If a duplicate EAD file is converted, the user is presented with an interface that displays differences between the files. The user can choose which elements are merged into the new record.

2.2 Creating a New EAC Records

If you encounter a situation where there are no EAD files to import, RAMP can be used to create new records. The 'New' link leads to a form that allows you to chose what type of entity is being created and an input for a biography.

If permissions for the '/ramp/ead/' directory are not correctly set, the script will not be able to write a stub EAD file necessary to create a new EAC record.

2.3 Editing EAC Files

The 'Edit' link displays a select box that includes a list of names. Selecting a name loads their EAC record into the editor. A user can manually edit the EAC XML in the editor.

During the editing process, the files is monitored and sent to a validation service. If the XML is valid, a green icon is displayed. If the XML is invalid or not well-formed, a red icon and error information is displayed.

After editing the file, the user can save the XML to the database.

2.4 Ingesting Data from Third-Party Sources

One of the major features of RAMP is the ability to ingest data from third-party sources.

Currently a user can ingest data from OCLC Identities and VIAF. During the ingest, the user is presented with a list of possible matches. After selecting appropriate matches, data from the services is inserted into the EAC XML. At this point, the user could edit the ingested data, but this is not required.

2.5 Working with Mediawiki Markup

After ingestion, the user can convert the EAC record to Mediawiki Markup. They are presented with a different editor for working with the Mediawiki markup.

2.6 Submitting Wiki Article to Wikipedia

Before submitting the generated Wiki article to Wikipedia, the user must use the 'Get Existing Wiki' button to check if Wikipedia has an existing article for the entity. If there is an existing article they are presented with the generated and existing articles side by side. They can highlight a section of either article and transfer if to the other side by using arrow buttons.

Finally, the user can submit the generated article to Wikipedia.