# LexWiki Publisher 1.0 Installation Guide

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#### Known Issues

The templates do not import correctly so there will be some broken (red) links on the concept pages.

#### **Installation Process**

The installation will take place in four separate steps.

- 1. Use a bat file to extract the metadata about the concepts and write them as files into a directory.
- 2. Run a php file to read the files and publish them to the Wiki.
- 3. Edit the Main page to show the ontology hierarchy
- 4. Import the templates into the Wiki

### Setup and configuration

- 1. Download and unzip the LexWikiPublisher 1.0 zip file.
- 2. Open the lexWikiPublisher.prop file and enter the configuration information

The following are the configuration variables along with an example for each.

### Required configuration information

**logfile** - location to store the published concepts C:/Temp/publishbatch-local

configpath - the path to the configuration file in the LexEVS installation X:\\services\\lexurer{lexevs\\resources\\config lbconfig.props

**csn** -the code system name to be published NPO

**ccd** - the concept code at the root of the hierarchy Entity

**wiki** - the name of the wiki LexWiki test

**template** - SMW template name LexWiki

**formname** - the name of the semantic mediawiki form LexWiki\_NPO\_Form

#### **Optional configuration information**

**republishexistingpages** - Republish existing pages? ves

**propertiesonly** - If you want to get properties and associations published only no

vsformname - the name of the semantic mediawiki form for value sets

**user** - Wiki user name Wiki user name

**pwd** - Wiki user password Wiki user password

**self** - is the selected node to be published? ves

**batch** - will all the children of the selected node be published? yes

**server** - the server where the wiki is located informatics.mayo.edu

**port** - the port number where the wiki is setup 8080

**batchsize** - number of concepts to process in each batch

**namespace** - the over riding namespace to use for pages LexWiki master

**startPage** - the starting page where index.php is the default index.php

### **Extracting concepts from LexEVS**

- 1. Be sure the directory configured for the logfile variable exists and is write enabled.
- 2. Run the lexWikiPublisher file useing the bat file or shell script.

## Publishing to the Wiki

- 1. Open a command prompt in the lexwiki's maintenance directory
- 2. Run the publish php using the directory location of the files created during the lexEVS as the only argument php publish.php /home/myhomedir/tobepublishedpages

# Displaying the category tree

- 1. Log in to the Wiki and display the Main Page.
- 2. Click on the Edit tab at the top of the page.
- 3. Update the information between the categorytree tags to match your onotology information Category BGT Gene Kind(B179) not found &nbsp:&nbsp:&nbsp:BGT - the coding scheme name &nbsp:&nbsp:&nbsp:Gene Kind - the root node for the Ontology (B179) - short name for the root node Category NPO\_Entity(Entity) not found

## Importing the templates

- 1. From the wiki, select SpecialPages.
- 2. On the SpecialPages, select import file.
- 3. Import the templates which correspond to the ontology you created.