

About:

The Bulk Change tool is used to perform bulk changes in MediaWikis that implements the Semantic MediaWiki and Semantic Forms extension. Each property in Semantic MediaWiki has a number of elements that are separated by a comma. This tool is capable of finding any given element in any given property and replaces it with a desired element. To demonstrate how the tool works, consider the following example.

Example:

The Bulk Change tool was designed originally for curation purposes of Neurolex.org. Therefore, an example from Neurolex will be used for demonstration.

Bulk Change

API page URL: 1

MediaWiki Username: 2

MediaWiki Password: 3

Database Server URL: 4

Database Username: 5

Database Password: 6

Attribute: Ex: Has role 7

Elements to be replaced: Ex: Downloadable Data,Web Database ☐ Case Sensitive 8,9

To be replaced with: Ex: Database 10

11,12,13

Output: 14

Numbers were assigned to each textbox and button to simplify the demonstration.

- 1- Enter the URL of the API page of your MediaWiki. For example, the URL of the API page of Neurolex is <http://neurolex.org/w/api.php>.

- 2- Enter the username of the MediaWiki user that is committing the changes.
- 3- Enter the password of the MediaWiki user that is committing the changes.
- 4- Enter the Database server URL including the database name and the database provider. For example: jdbc:mysql://neurolex.org:4000/mydb.
- 5- Enter the username of the database administrator.
- 6- Enter the password of the database administrator.
- 7- Enter the name of the property (attribute) you would like to target.
- 8- Enter the name of the elements to be replaced in the specified attribute. You can enter multiple elements but they have to be separated with a comma.
- 9- By default, the Bulk Change tool is case insensitive. If you want the tool to be case sensitive, please check the checkbox.
- 10- Enter the value of the element that will replace the removed element(s).
- 11- Preview button will show you the values of the attribute before and after the changes.
- 12- Replace button will replace the old value(s) with the new value.
- 13- Stop button will terminate the replacement process.
- 14- The output of the program will be shown in the Outputbox.

Note: The database access is required only for fetching the data. No writing privileges are required.

Bulk Change

API page URL:

Neurolex Username:

Neurolex Password:

Database Server URL:

Database Username:

Database Password:

Attribute: Ex: Has role

Elements to be replaced: Ex: Downloadable Data, Web Database ☐ Case Sensitive

To be replaced with: Ex: Database

Output:

```
Fetching data from Neurolex database...
Analysing Data...
Records to be updated: 2531
*****
Resource: Alzforum_Antibody_Directory_for_Neuroscience_Research
Before: Has role=Database
After: Has role=Test
*****
Resource: Alpha-7_Database
Before: Has role=Database
After: Has role=Test
*****
```