

## Reference:External Data

### Extension: External Data

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| Overview                                         |                                                                                                                                                                                                |                    |                |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|
| <b>Description:</b>                              | allows for using and displaying values retrieved from various sources: external URLs, local wiki pages and local files (in CSV, GFF, JSON and XML formats), database tables, and LDAP servers. |                    |                |
| <b>State:</b>                                    | stable                                                                                                                                                                                         | <b>Dependency:</b> | MediaWiki      |
| <b>Developer:</b>                                | Yaron Koren, and others                                                                                                                                                                        | <b>License:</b>    | GPL v2+        |
| <b>Type:</b>                                     | <a href="#">MediaWiki</a>                                                                                                                                                                      | <b>Category:</b>   | Infrastructure |
| <b>Edition:</b>                                  | BlueSpice pro                                                                                                                                                                                  | <b>Version:</b>    | 4.1+           |
| For more info, visit <a href="#">Mediawiki</a> . |                                                                                                                                                                                                |                    |                |

### Features

**ExternalData** extension allows MediaWiki pages to retrieve, filter, and format structured data from one or more sources. These sources can include external URLs, regular wiki pages, uploaded files, files on the local server, databases or LDAP directories.

### Parser functions

The extension has nine parser functions:

- **#get\_web\_data** retrieves CSV, GFF, JSON or XML data from a URL and assigns it to variables that can be accessed on the page.
- **#get\_soap\_data** retrieves data from a URL via the [SOAP](#) protocol.
- **#get\_file\_data** retrieves data from a file on the local server, in the same formats as **#get\_web\_data**.
- **#get\_db\_data** retrieves data from a database.
- **#get\_ldap\_data** retrieves data from an LDAP server.
- **#external\_value** displays the value of any such variable.
- **#for\_external\_table** cycles through all the values retrieved for a set of variables, displaying the same "container" text for each one.
- **#store\_external\_table** cycles through a table of values, storing them as semantic data via the [Semantic MediaWiki](#) extension, by mimicking a call to SMW's **#subobject** function for each row.
- **#display\_external\_table** cycles through all the values retrieved for a set of variables, displaying each "row" using a template.

- **#clear\_external\_data** erases the current set of retrieved data.

## Accessibility

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|------------------------|-----------------------|
| <b>Test status:</b>    | 2-testing<br>complete |
| <b>Last test date:</b> | 2022-08-05            |
| <b>Extension type:</b> | backend               |