

Vowa Baselayers – Implementation and Maintenance

Implementation

The QGIS plugin is implemented as standard QGIS plugin with Python. It uses tables in the schema `qgis_tools` in the `DPSpatial` database for storing the information on the layers to be loaded into QGIS. The documentation on the tables of this schema is [on this page](#). The QGIS plugin repository can be found [on the Vogelwarte GitLab](#).

Purpose, installation, and usage of the plugin are documented [on this page](#).

Layer Types

The following layer types can be provided through the QGIS plugin:

- WMS
- WMTS
- QGIS Layer File
- Shapefile
- GeoPackage
- GeoTIFF
- PostGIS Vector Layer

Each layer type requires a set of parameters so that it is loaded properly in QGIS. You find the specification [on this page](#).

Test Layers

In order to add layers in the table `vowabaselayers` that are only visible for development and test users you have to do the following:

1. Create the environment variable `"VOWA_BASELAYERS_DEV=true"` on your computer.
2. Add the layers and give them IDs greater than 1000.

&-Character in Tab Titles

The QGIS plugin replaces '&' characters in tab titles by default with '_'. If you want to use the '&' character in tab titles type it twice. For instance, the tab title "Lakes && Rivers" will be shown as "Lakes & Rivers" in the QGIS plugin.

Revision #5

Created 2026-06-03 06:24:18 UTC by Bernhard Schneider

Updated 2026-06-03 06:50:42 UTC by Bernhard Schneider