

OpenStreetMap Wiki Crawler

Quick Start

The OpenStreetMap Wiki Crawler is an open source tool that extracts an RDF graph from the OpenStreetMap wiki website: <http://wiki.openstreetmap.org>

The archive containing the OSM Wiki Crawler can be downloaded at:
<http://gforge.ucd.ie/projects/osm-similarity>

Please make sure that **Java** is installed before you run the application:
<http://www.java.com/en/download>

How to run the crawler

1. Extract the **OsmWikiCrawler-xx.zip** archive.
2. Launch the crawler. This can be done in one of the following ways:
 - a. **Microsoft Windows**: run **run_windows.cmd** in the project folder.
 - b. **Linux / Unix**: run **run_unix.sh** in the project folder.
 - c. **Mac OS X**: run **run_unix.sh** in the project folder.
 - d. **Apache ANT**: launch command '**ant run**' in the project folder.
3. The crawling process takes 10+ minutes, depending on the network and hardware speed. If the process fails because the remote services (<http://wiki.openstreetmap.org> or <http://linkedgeodata.org/sparql>) are not available, please wait and run the crawler again.
4. If the remote services are available, the crawler generates files in the '**osm_wiki_crawler_output**' folder. The OSM semantic network can be found in the 'semantic_network' subfolder, named as **OSM_Semantic_Network-yyyy-mm-dd.nt** and **OSM_Semantic_Network-yyyy-mm-dd.rdf**. These files contain the same RDF graph, saved in two formats (see <http://www.w3.org/RDF>).
5. If the crawler crashes, relevant information can be found in the debug log file **osm_wiki_crawler_output/logs/OsmWikiCrawler-....debug.log**.

Home page & contact

Project home page: <http://gforge.ucd.ie/projects/osm-similarity>

Author: **Andrea Ballatore** (School of Computer Science and Informatics, University College Dublin)

Email: andrea.ballatore@ucd.ie

License

OSM Wiki Crawler, and all its integral parts, is released under the GNU General Public License v3.

Please note that this project uses data provided by OpenStreetMap (<http://www.openstreetmap.org>), but is not affiliated with the project.

The GPL v3 is accessible here: <http://www.gnu.org/licenses/gpl.html>

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