

OSM2Routing

OSM2Routing utility extracts road network from the OSM file and converts it into a mapmatching/routing-friendly format.

Usage

```
osm2routing [OPTIONS]+
```

Options:

--osm=VALUE	path to the OSM map file
-c, --config=VALUE	path to the config file
-o, --output=VALUE	path to the output file
-h, -?, --help	

Example

```
OSM2Routing.exe --osm=map.osm --config=sample.config --output=map-r.osm
```

Config file

Config file defines accepted road types (OSM ways with specific tags) and their parameters. Rules for route types are evaluated in the order defined in the config file. So if more route types can be applied to the way, the first one is used.

```
<route-type name="motorway" speed="130" oneway="yes">
  <required-tag key="highway" value="motorway" />
</route-type>

<route-type name="other-roads" speed="30">
  <required-tag key="highway" value="*" />
</route-type>
```

Values of oneway and maxspeed tags from the OSM file take precedence over values from the config file.

OSM ways, that do not match any road type, unused nodes and all relations are discarded.