



onmaps - WebMapService

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Topographical maps for Germany based on official governmental data.
The leading WebMapService for site assessment and planning in Germany.

Technical notes

The data and functions

- WebMapService, TileMapService
- based on "ATKIS"-data - nationwide official data for Germany
- buildings with high accuracy - from official ALKIS-Data, nationwide for Germany
- landed property information (parcel, parcel number etc.) from the OpenData in Germany
- OSM-data in the onmaps-layout, europe-wide, monthly update
- contours and hillshades based on SRTM-data (30m grid)
- WMS-Basic-layers in several map-schemes
- WMS-layers with different abstracts of ATKIS-objects
- dynamic, context-sensitive legend-graphic
- special WMS-layers defined for creation of images with high resolution
- GetFeatureInfo (Information about the ATKIS-objects)
- annual updates of the ATKIS-data and buildings

The structure

The WMS contains various layers, which are grouped by

- keywords
- name
- coordinate system (crs/srs-code)

The URL / parameters

Structure of the URL:

`https://wms.onmaps.de?kid=<customer-ID>`

Parameters (e.g.):

`http://wms.onmaps.de?kid=<customer-ID>&GROUP_LAYER_BY=keyword`

`http://wms.onmaps.de?kid=<customer-ID>&GROUP_LAYER_BY=crs,name`

(only the specified GROUP is listet)

`http://wms.onmaps.de?kid=<customer-ID >&filter=crs:25832 (or 31467, 31468 etc.)`

(the WMS is delivered in the specified EPSG-code, onmaps supplies all common coordinate systems)

`http://wms.onmaps.de?kid=<customer-ID>&WITH_BASELAYER=true`

`http://wms.onmaps.de?kid= customer-ID >&WITH_BASELAYER=false`

(the WMS is delivered with or without superior layer)