



# OSM Usage in Wikivoyage

Bringing together: travel and maps

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# What is Wikivoyage?

- Web-based travel guide telling you how to get to where you wish to go, how to survive once there or what to see
- An association: Wikivoyage e. V.
- Different to Wikipedia
  - Wikipedia is not/should not be a travel guide
  - In Wikivoyage (WV) more colorful language encouraged including telling stories
  - Original research allowed: own experiences useful, proposal of new routes, description of unknown or unpublished sites
  - Really contrary: a small friendly community



# History of Wikivoyage

- Wikitravel started in July 2003, sold to Internet Brands in April 2006
- Wikivoyage association founded in September 2006
  - Hosting Wikivoyage from start to November 2012
  - Coordination collaboration between the language branches
  - Initiating local campaigns
  - Press relations work
  - Advertisement
- German fork in December 2006
  - Mediawiki software, PostgreSQL data base
- Location database October 2008 – precursor of Wikidata
- New collaboration with “old” Wikitravel and Wikimedia communities proposed in February 2012
- New sister project beta November 2012
- Official launching January 15, 2013



# Wikivoyage now and later

- Now:
  - 15.500 German / 27.500 English articles
  - Special topics are cycling and hiking
  - 17 languages
  - Visual Editor
  - Mobile view, Kiwix archives
  - But popularity problems
- Maps are key feature
  - Dynamic map expedition
  - Collaboration with Open Street Map
- Maps showing subjects related to the articles
  - Places of interest
  - Hiking and cycling trails
- Future features
  - Adding travel blogs
  - Allowing reviews



# OSM map use in Wikivoyage

- July 2, 2008: OSM map use with Slippymap extension: special page Special:Map sources
- Since November 2012: User Mey2008 started programming dynamic map services hosted at the WV association server
- November 2015: WMF announces an experimental map-tile server at <https://maps.wikimedia.org/>
- Reprogramming at Wikimedia Foundation (Yuri Astrakhan, Julien Girault)
- Since June 2016: Kartographer in Wikivoyage
- Begin of September 2016: Kartographer in the German Wikipedia (only Maplink tag)

# Map sources

## Karten- und Datenquellen

Diese Seite ermöglicht es Benutzern, in mehreren Ressourcen nach einem Standort (definiert durch seine Koordinaten) zu suchen.

Geografische Breite, Länge und weitere Parameter müssen mit Kommas getrennt werden. Parameter bestehen aus dem Kennwort, dem Gleichheitszeichen und dem Wert.

Beispiel: 52° 31' N, 13° 24' 30" E, scale=50000

Daten und Karten in Ressourcen finden



Koordinaten:


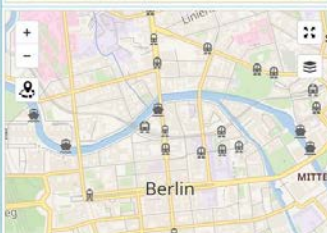
In der nachfolgenden Auflistung finden Sie Links zu Daten und Karten zum angegebenen Ort.

Wikivoyage ist mit keinem der Anbieter geschäftlich verbunden, noch stellt die Nennung und Reihenfolge eine Wertung dar.

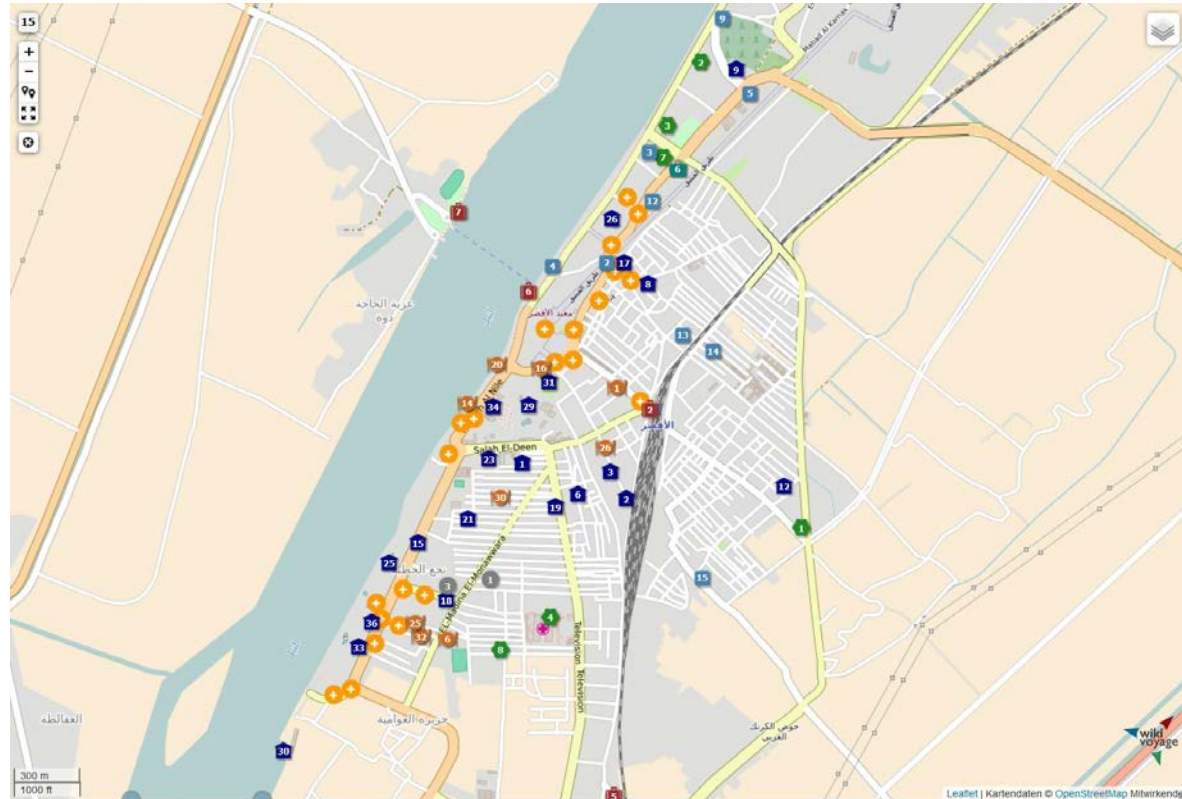
## Globale Anwendungen

- Umfangreiche Ressourcenlistung [↗](#) bei *Wikipedia* (GeoHack von *Magnus Manske* und *Egil Kvaleberg*)
- Zeige diesen Ort [↗](#) bei *OpenStreetMap* [↗](#).
- Zeige diesen Ort [↗](#) (*Satellit* [↗](#), *Hybrid* [↗](#)) bei *Google Maps*
  - mit deutschsprachigem Wikipedia-Layer [↗](#)
  - *GeoNames* [↗](#) Geografische Namen auf *Google-Karten*
  - *maps-for-free* [↗](#) (Globale Reliefkarten als *Google-Maps-Mashup*, zum Download freigegeben)
  - Zeige diesen Ort [↗](#) bei *Wikimapia* [↗](#)
- Zeige diesen Ort [↗](#) (*Satellit* [↗](#), *Hybrid* [↗](#)) bei *Yahoo Maps* (benötigt Adobe Flash)
- Zeige diesen Ort [↗](#) (*Luftbild* [↗](#), *Hybrid* [↗](#)) bei *Bing Maps*.
- Zeige diesen Ort [↗](#) mit *NASA World Wind*. Benötigt *NASA World Wind*
- Zeige diesen Ort [↗](#) mit *Google Earth*. Benötigt *Google Earth* [↗](#)  
Man kann sich zusätzlich zur Position auch einen deutschen Wikipedia-Layer [↗](#) (auch mit Bildern [↗](#)) anzeigen lassen.
- Zeige diesen Ort [↗](#) bei *MSN* [↗](#) (*The Microsoft Network*) Welt-Atlas.
- Finde nahegelegene Orte [↗](#) auf *Flash Earth* [↗](#). Satelliten- und Luftbilder der Erde in Flash.
- Zeige diesen Ort [↗](#) bei *ACME Mapper* [↗](#).
- Zeige diesen Ort [↗](#) bei *MapQuest* [↗](#). Routenplanung.
- Zeige diesen Ort [↗](#) bei *Multimap* [↗](#). Straßenkarten.
- Zeige diesen Ort [↗](#) bei *GeoBios* [↗](#). Satellitenbilder und Karten. (benötigt Adobe Flash)

Koordinaten	
Ort	Berlin
WGS84	52° 31′ 4.4″ N 13° 23′ 19.43″ E <span> English</span>
	52° 31.0733′ N 13° 23.3238′ E <span> Français</span>
	52.51789° N 13.38873° E <span> Italiano</span>
UTM	33U 390670 5819862 <span>[Projektselfe]</span>

# Dynamic maps since 2012







# Wikimedia empire

- Wikimedia Foundation (WMF)
- Wikipedias – encyclopaedias
- Sisters
  - Wikivoyage – travel guides
  - Wikidata – storing data of general interest
  - Commons, Wikisource, Wikiquote, Wikiversity, Wiktionary, ...
  - Map Services
- Partners
  - OSM – collecting geo data
  - Kiwix – offline reader expedition



# Current map services

- Open Street Map: map data
- Map services developed at Wikivoyage (Mey2008)
- Services provided from the Wikimedia Foundation partially in a beta state
  - Tilerator: creates tiles from SQL queries
  - Kartotherian: provides tiles stored
  - Leaflet: JavaScript-script map-manipulation library
  - Kartographer: interactive, dynamic maps (Yuri Astrakhan, Julien Girault)
- Now both services are working in parallel



# Map elements

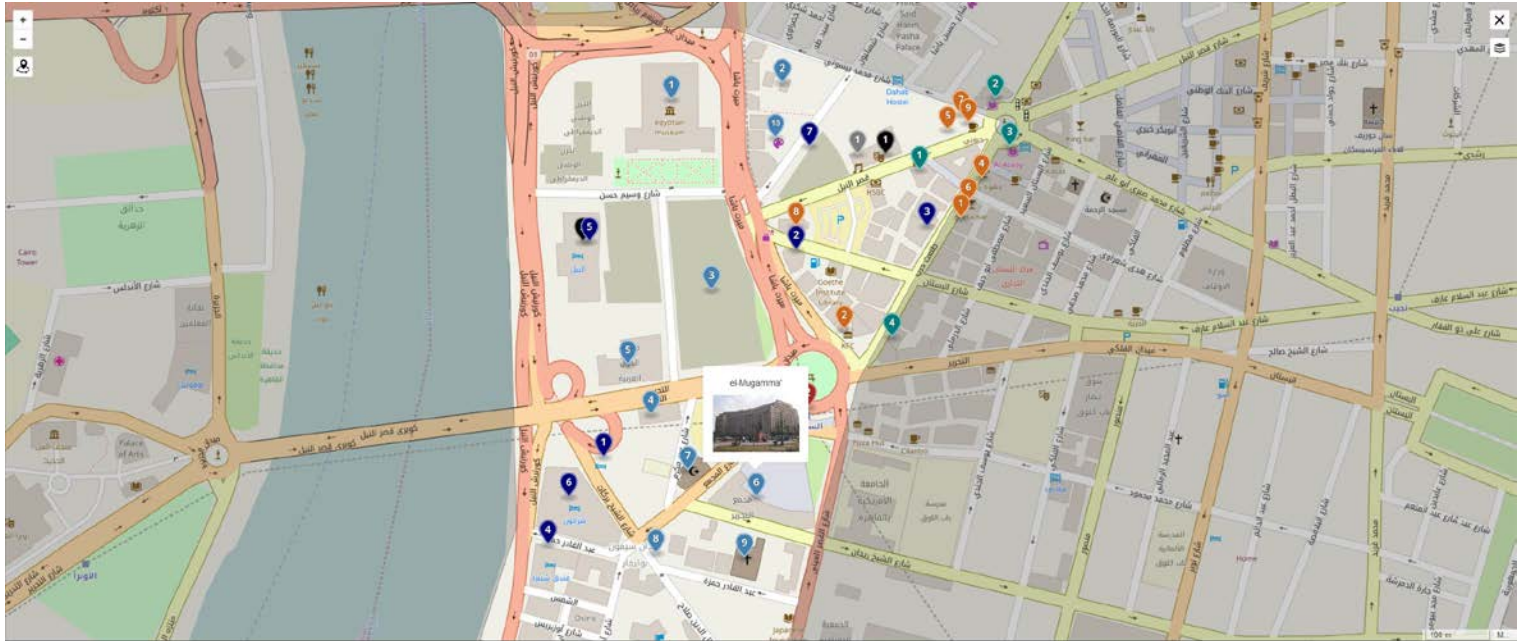
- Zoom in/zoom out, zoom level
- Explore nearby articles
- Switch between full-screen view, inserted maps
- Layers – only Wikivoyage because of privacy rules
  - Wikimedia
  - Mapnik ([openstreetmap.org](http://openstreetmap.org))
  - Relief map ([thunderforest.com](http://thunderforest.com))
- Groups – only Wikivoyage
- Additional features – only Wikivoyage because of privacy rules
  - Traffic line network ([openptmap.org](http://openptmap.org))
  - Boundaries ([korona.geog.uni-heidelberg.de](http://korona.geog.uni-heidelberg.de))
  - Hill shading (de: Schummerung, NASA, [wmflabs.org](http://wmflabs.org))
  - Cycling trails ([waymarkedtrails.org](http://waymarkedtrails.org))
  - Hiking trails ([waymarkedtrails.org](http://waymarkedtrails.org))
  - Nearby articles (de: Umgebungskarte)

# Example maps 1



Halle (Saale) – some places not known by OSM

# Example maps 2

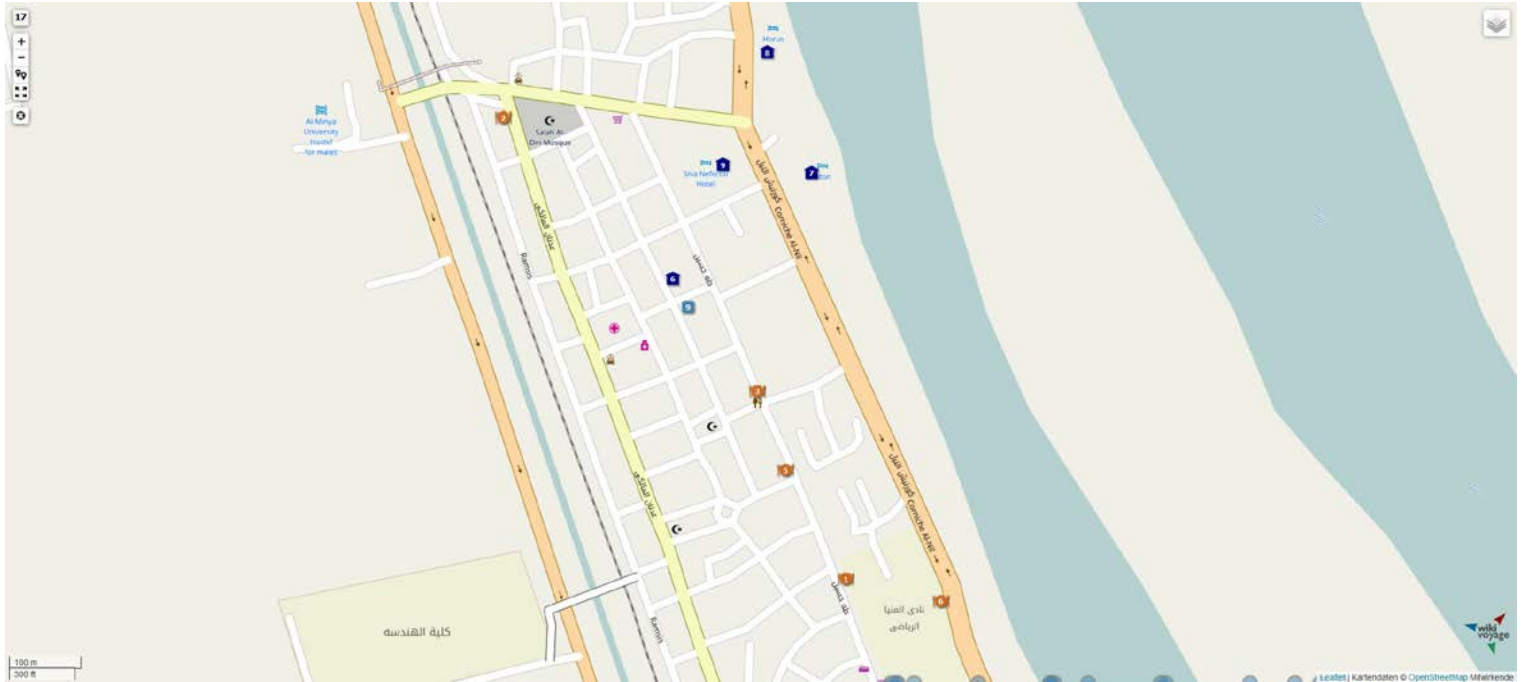


30°2'43"N 31°14'6"E

Weltere Einzelheiten

Cairo – Writing in Arabic

# Example maps 3



City of al-Minyā – places and street names not known to OSM

# Example maps 4



The screenshot shows a web map interface. The main map area displays a street map of the town of Sīwa, with several numbered markers in various colors (red, green, blue, orange) scattered across the area. A central marker is highlighted with a white information box titled 'König-Farīq-Moschee', which includes a small image of a mosque. The map interface includes a zoom control in the top-left corner and a 'Kartographier' label at the bottom-left. On the right side, there is a sidebar with the following sections:

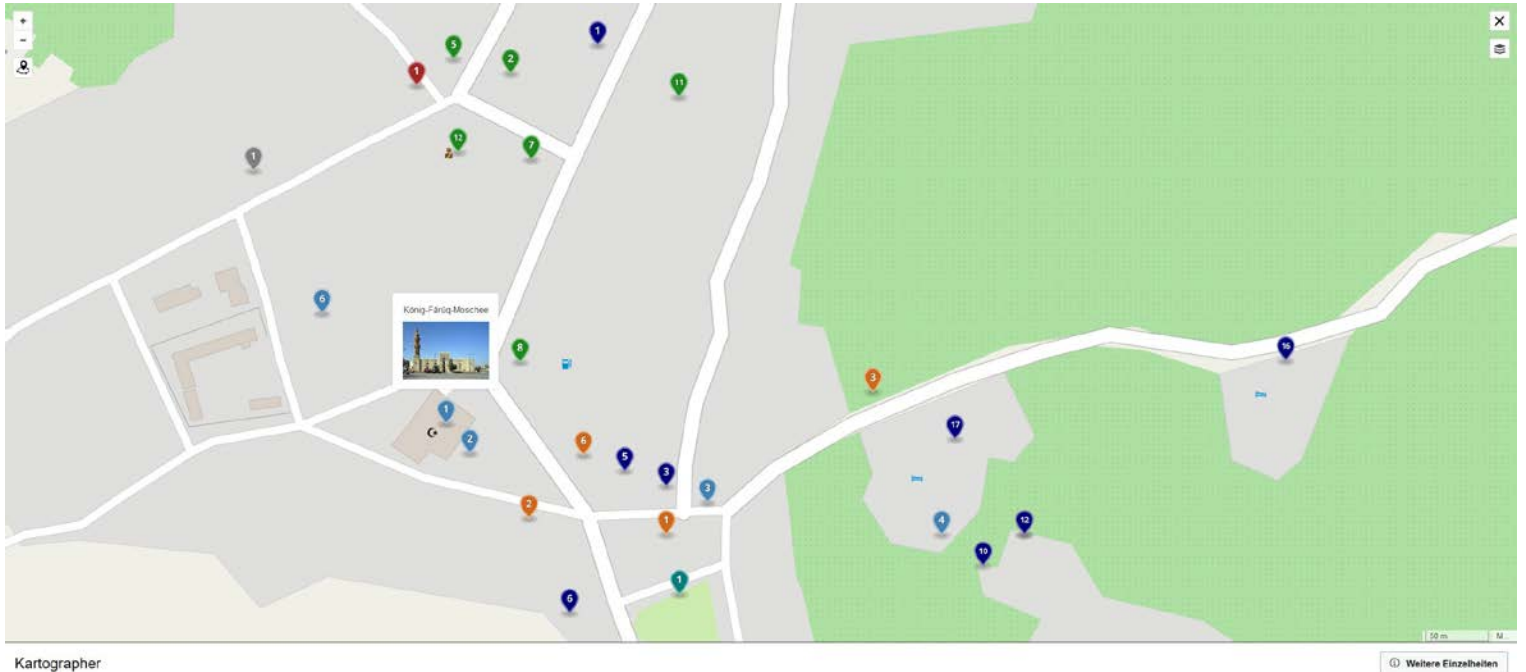
- Einzelheiten zur Karte**: Shows coordinates '29.20341, 25.52149' and a dropdown menu set to 'Karte'.
- Externe Dienste**: A list of external map services with a 'Karte' button next to each name.
 

Dienst	Karte
Bing Maps	Karte
Google Maps	Karte
CyberStreetMap	Karte
ACME Mapper	Karte
Apple Maps	Karte
HERE	Karte
MapQuest	Karte
Waze	Karte
Wikimapia	Karte
Wikivoyage	Karte
Yandex Maps	Karte

At the bottom right of the sidebar, there is a button labeled 'Weitere Einzelheiten'.

Zoomed-in map of the town of Sīwa with list of additional map services

# Example maps 5



City of Sīwa – OSM Mapnik map



# Example maps 6



Kuala Kubu Bharu – GPX trails stored on Wikvoyage

# Maplink and Mapframe

Maplink links to a map in full-screen mode (with or without GeoJSON formatted statements)

- `<maplink zoom="13" latitude="37.8103" longitude="-122.3995" text="Click me" />`
- Without text -> coordinate linked: 37°48'37"N  
122°23'58"W

# Maplink and Mapframe

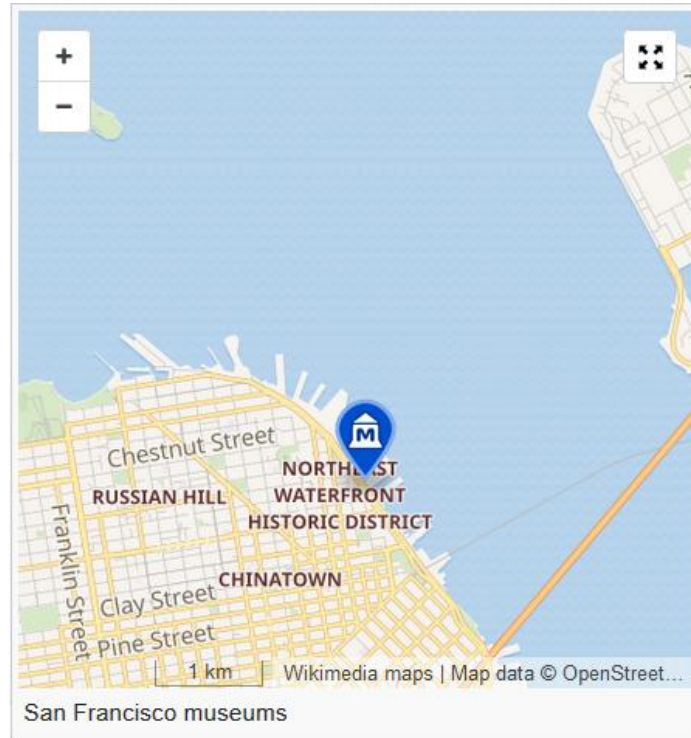
- Mapframe embeds a map into an article
- `<mapframe text="San Francisco museums" width="350" height="350" zoom="13" latitude="37.8013" longitude="-122.3988" align="right|center|left">`
- `<mapframe frameless ...>` without frame
- Now only at Wikivoyage and a few smaller Wikipedias

# Example 1: really simple

```
<mapframe text="San Francisco museums" width="350" height="350" zoom="13"
latitude="37.8013" longitude="-122.3988">
{
  "type": "Feature",
  "geometry": { "type":"Point", "coordinates":[-122.3988, 37.8013] },
  "properties": {
    "title": "[[wikipedia:Exploratorium|Exploratorium]]",
    "description": "[[File:Giant_Mirror_at_the_Exploratorium.jpeg|200px]]",
    "marker-symbol": "museum",
    "marker-size": "large",
    "marker-color": "0050d0"
  }
}
</mapframe>
```

Source: <https://www.mediawiki.org/wiki/Help:Extension:Kartographer>, License: CC0

# Example 1: really simple



Source: <https://www.mediawiki.org/wiki/Help:Extension:Kartographer>, License: CC0



# Example 2: Marker lettering

## General features

- "marker-symbol": "museum"

## Wikivoyage features

- "marker-symbol": "-number"
- "marker-symbol": "-number-see"
- "marker-symbol": "-letter"

# Usable MAKI symbols



Source: <https://www.mapbox.com/maki-icons/>, License: CC0

# Hints

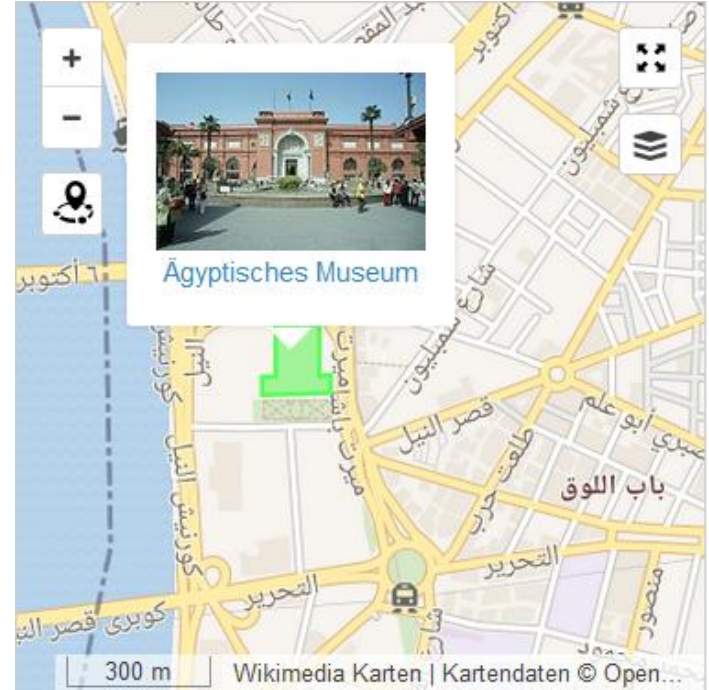
- Generating GeoJSON syntax by using templates
- Wikivoyage
  - Module:Maps written in Lua generating GeoJSON syntax
  - Template:Maplink, Template:Mapframe, Template:Mapmask calling Maps module
  - Template:Marker, Template:POI, de:Template:vCard (Template:Listing)



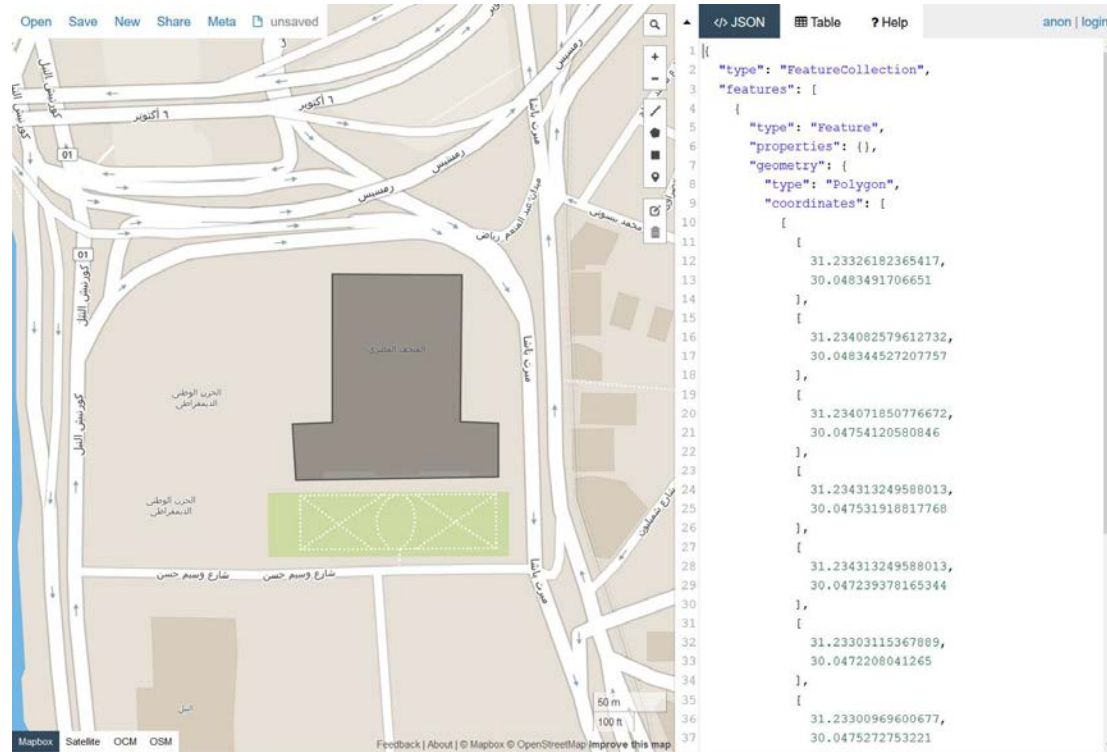
# Example 3: Polygon

```
<mapframe width=300 height=300 zoom=15 longitude=31.234871 latitude=30.048 >
{
  "type": "Feature",
  "geometry": {
    "type": "Polygon",
    "coordinates": [[ [31.23326,30.04835], [31.23326,30.04753], [31.23303,30.04752], [31.23303,30.04723],
[31.23431,30.04724], [31.23432,30.04754], [31.23408,30.04753], [31.23408,30.04835], [31.23326,30.04835] ]]
  },
  "properties": {
    "title": "[[File:CairoEgyptianMuseum.jpg|115px|Egyptian Museum]]",
    "description": "[[Kairo/Ägyptisches Museum|Egyptian Museum]]",
    "marker-symbol": "",
    "stroke": "#55ff55",
    "stroke-opacity": 1.0,
    "stroke-width": 2,
    "fill": "#55ff55",
    "fill-opacity": 0.5
  }
}
</mapframe>
```

# Example 3: Polygon



# GeoJSON editor



The screenshot displays the GeoJSON editor interface. On the left, a map shows a street network with a green polygon overlaid on a building. The map includes labels for streets like 'شارع وسيم حسن' and 'شارع وسيم حسن', and buildings like 'الحدائق الوطنية'. The top menu bar includes 'Open', 'Save', 'New', 'Share', 'Meta', and 'unsaved'. The right panel shows the JSON data for the selected polygon, with a 'JSON' tab selected. The JSON data is as follows:

```
1 {
2   "type": "FeatureCollection",
3   "features": [
4     {
5       "type": "Feature",
6       "properties": {},
7       "geometry": {
8         "type": "Polygon",
9         "coordinates": [
10          [
11            [
12              31.23326182365417,
13              30.0483491706651
14            ],
15            [
16              31.234082579612732,
17              30.048344527207757
18            ],
19            [
20              31.234071850776672,
21              30.04754120580846
22            ],
23            [
24              31.234313249588013,
25              30.047531918817768
26            ],
27            [
28              31.234313249588013,
29              30.047239378165344
30            ],
31            [
32              31.23303115367889,
33              30.0472208041265
34            ],
35            [
36              31.23300969600677,
37              30.0475272753221
38            ]
39          ]
40        ]
41      }
42    ]
43  }
```

# Example 4: Auto numbering

```
<mapframe width=300 height=300 zoom=15 longitude=31.234871 latitude=30.045224 >
{
  "type": "FeatureCollection",
  "features": [
    {
      "type": "Feature",
      "properties": {
        "marker-symbol": "-number-sight", ←
        "marker-size": "large",
        "marker-color": "302060"
      },
      "geometry": {
        "type": "Point",
        "coordinates": [31.23333, 30.04778]
      }
    },
    ...
  ]
}
</mapframe>
```

# Example 4: Auto numbering



# Example 5: Masking

```
{{mapframe|30.045224|31.234871|zoom=15|width=300|height=300|name=Stadtplan von Qaṣr en-Nīl}}
```

```
{{mapmask|30.047625,31.238487|30.048795,31.234539|30.048832,31.231234|30.042535,31.231449|30.041644,31.235547|30.044356,31.236405|30.047625,31.238487}}
```

```
{{marker|type=see|name=Ägyptisches  
Museum|lat=30.04778|long=31.23333|image=CairoEgyptianMuseum.jpg|url=http://www.emuseum.g  
ov.eg/}}
```

```
{{marker|type=see|name=Ägyptisches  
Museum|lat=30.04778|long=31.23333|image=CairoEgyptianMuseum.jpg|url=http://www.emuseum.g  
ov.eg/}}
```

```
{{marker|type=see|name=Tahrir-Platz|lat=30.0457|long=31.2342|symbol=letter}}
```

```
{{marker|type=see|name=Bolivar-Platz|lat=30.0422|long=31.2331|symbol=letter}}
```

```
{{marker|type=go|name=Metrohaltestelle Sadat|lat=30.044021|long=31.235676|symbol=rail-  
metro|text=[[Datei:25 railtransportation.svg|13px|Metrohaltestelle Sadat|link=]]}}
```

```
{{marker|type=sleep|name=The Nile Ritz-Carlton|lat=30.046027|long=31.232479}}
```

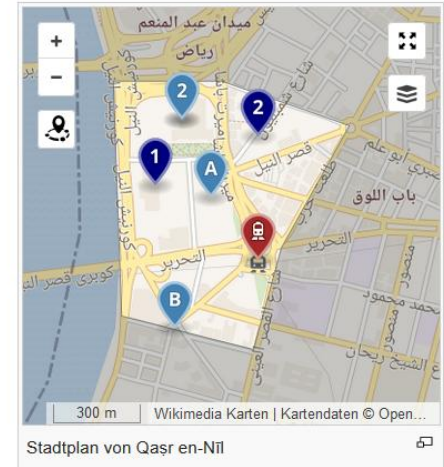
```
{{marker|type=sleep|name=Steigenberger Tahrir Square Hotel | lat = 30.047318 | long = 31.235665}}
```

```
{{marker|type=sleep|name=Sofitel El Gezirah Cairo | lat= 30.038895 | long= 31.224604 }}
```

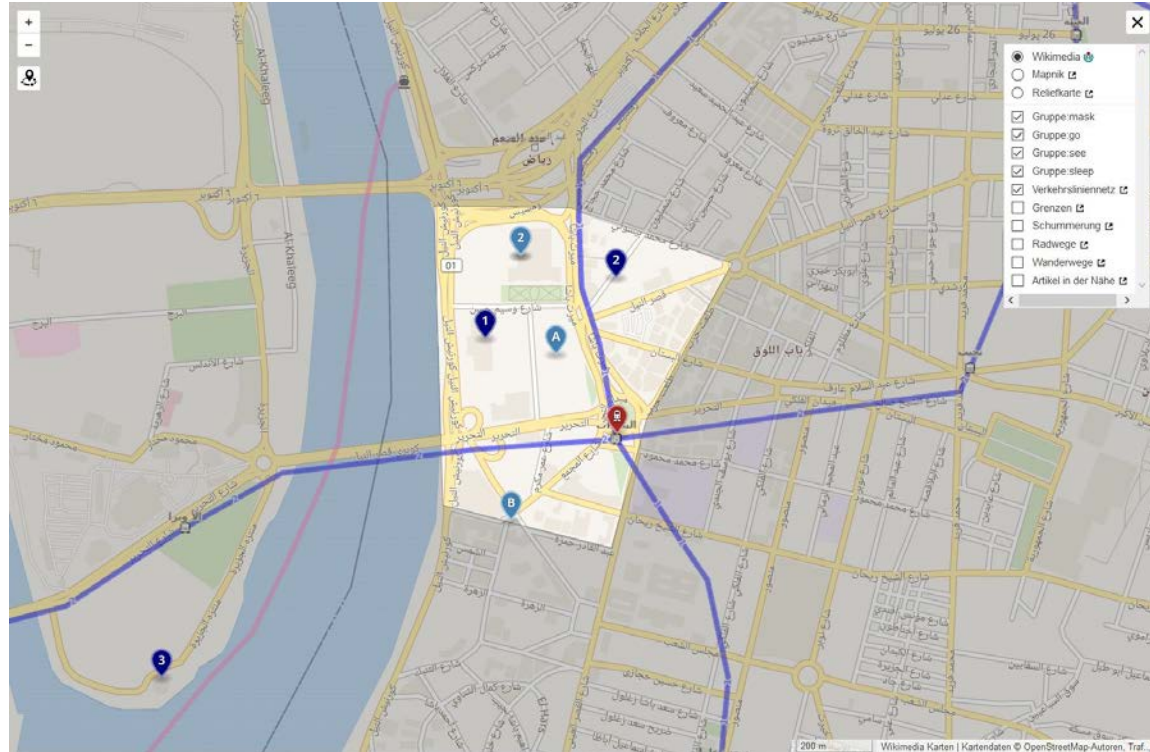
# Example 5: Masking

## Mapframe und Mapmask [ Bearbeiten | Quelltext bearbeiten ]

- **1** [Ägyptisches Museum](#)
- **2** [Ägyptisches Museum](#)
- **A** [Tahrir-Platz](#)
- **B** [Bolivar-Platz](#)
-  [Metrohaltestelle Sadat](#)
- **1** [The Nile Ritz-Carlton](#)
- **2** [Steigenberger Tahrir Square Hotel](#)
- **3** [Sofitel El Gezira Cairo](#)
- [Stadtteilplan Qasr en-Nil](#)



# Feature: Several map layers





# GeoShapes with WikiData and OSM

## GeoShapes external data [\[ edit \]](#)

In addition to drawing polygons using GeoJSON, you may also get outlines of the well known geographical objects by their Wikidata ID if they are marked as such in the Open Street Map database. For example, Wikidata item for Alaska is Q797, and we can draw it on the map by using "external data" reference. More than one ID may be specified separated by a comma.

**Note:** Wikidata IDs are relatively new to the OSM community. There are only about 40,000 polygons with IDs. To add more, visit <http://www.openstreetmap.org/> and add Wikidata tag with the Q value.

```
<mapframe text="Alaska" width=250 height=250 zoom=3 longitude=-152.58 latitude=64.01>
{
  "type": "ExternalData",
  "href": "geoshape:///?ids=Q797"
}
</mapframe>
```



- Via Wikidata id (Q797, Alaska)
- Via Open Street Map Relations Id

Source: <https://www.mediawiki.org/wiki/Help:Extension:Kartographer>, License: CC0






# GeoShapes with Wikidata query

```
SELECT ?id ?head
(SAMPLE(?img) as ?img)
(SAMPLE(?fill) as ?fill)
(concat("[[wikipedia:", substr(str(?link),31,500), " | ", ?headLabel, "]]") as ?title)
(concat(?stateLabel, "\n", "[[File:", substr(str(?img), 52, 500), "|200px]]") as ?description)
WHERE {

  ?id wdt:P31 wd:Q35657 .
  ?id wdt:P6 ?head .
  ?head wdt:P102 ?party .
  BIND(if(?party = wd:Q29468, "#800000", if(?party = wd:Q29552, "#000080", "#008000")) as ?fill)
  SERVICE wikibase:label {
    bd:serviceParam wikibase:language "en" .
    ?head rdfs:label ?headLabel .
    ?id rdfs:label ?stateLabel .
  }
  OPTIONAL {
    ?head wdt:P18 ?img .
  }
  ?link schema:about ?head .
  ?link schema:isPartOf <https://en.wikipedia.org/> .
} GROUP BY ?id ?head ?headLabel ?link ?stateLabel
```

Source: <https://www.mediawiki.org/wiki/Help:Extension:Kartographer>, License: CC0

# Wikivoyage: Map embedding



Hauptseite  
Über Wikivoyage  
Wikivoyage-Lounge  
Zufällige Seite

Mitmachen


- Erste Schritte
- Hilfe
- Autorenportal
- Projektseiten
- Letzte Änderungen
- Wie du Wikivoyage helfen kannst
- Spenden

Werkzeuge

- Links auf diese Seite
- Änderungen an verlinkten Seiten
- Datei hochladen
- Spezialseiten
- Permanenter Link
- Seiteninformationen
- Wikidata-Datenobjekt
- Seite zitieren
- Loschantrag

Drucken/exportieren

- Buch erstellen
- Als PDF herunterladen
- Druckversion

In anderen Sprachen 

- English
- Portugués

[Links bearbeiten](#)

Seite Diskussion Lesen Bearbeiten Quelltext bearbeiten Versionsgeschichte Mehr

## Kairo/Qaṣr en-Nīl [Kategorie anlegen]

[< Kairo](#)  
[Welt](#) > [Afrika](#) > [Nordafrika](#) > [Ägypten](#) > [Unterägypten](#) > [Groß-Kairo](#) > [Kairo \(Gouvernement\)](#) > [Kairo](#) > [Stadtzentrum](#) > [Qaṣr en-Nīl](#)

**Qaṣr en-Nīl**, arabisch: قصر النيل, *Qaṣr en-Nīl*, ist ein Stadtteil in Kairo. Zentrum ist der zwar kaum sehenswerte, dafür um so berühmtere Miḍān et-Tahrīr.

**Inhaltsverzeichnis** [Verbergen]

- 1 Hintergrund
- [+]2 Anreise
- 3 Sehenswürdigkeiten
- [+]4 Aktivitäten
- [+]5 Einkaufen
- [+]6 Küche
- 7 Nachtleben
- [+]8 Unterkunft
- 9 Literatur
- 10 Einzelnachweise

**Hintergrund** [ Bearbeiten | Quelltext bearbeiten ]

…

**Anreise** [ Bearbeiten | Quelltext bearbeiten ]

**Auf der Straße** [ Bearbeiten | Quelltext bearbeiten ]

**Mit dem Bus** [ Bearbeiten | Quelltext bearbeiten ]

Nördlich des Ägyptischen Museums gibt es auf dem Miḍān 'Abd el-Mun'īm Riḍā' (arabisch: ميدان عبد المعتم رياض, *Kūbrī Sādis min Uktūbar*) eine zentrale 1 Haltestelle für Linien- und Mikrobusse.


**Mit der Metro** [ Bearbeiten | Quelltext bearbeiten ]

Am Tahrīr-Platz, südlich des Kreisverkehrs, befindet sich die 2 Metro-Haltestelle *Sadat*, wo sich die Metrolinien 1 und 2 treffen. Es gibt Umsteigemöglichkeiten zwischen den Linien.


**Sehenswürdigkeiten** [ Bearbeiten | Quelltext bearbeiten ]

- 1 **Das Ägyptische Museum** [1]☹, Nordseite des Miḍān Tahrīr, Stadtzentrum, Tel.: (02) 2578 2452, geöffnet täglich von 09:00 bis 17:00 Uhr, letzter Einlass: 16 Uhr (Stand: April 2013). Das Museum verfügt über eine der bedeutendsten Sammlungen von Ägyptica in der Welt. Das Museum verfügt über zwei Etagen. In der unteren Etage sind die Funde chronologisch in Uhrzeigerichtung angeordnet. Die obere Etage bietet Raum für thematische Sammlungen. Auf der östlichen Seite sind dies die Grabfunde des Tutanchamun, am nördlichen Ende der oberen Etage gibt es drei Säle mit Schmuckfunden des Tutanchamungrabes (Mitte), der Tanis-Gräber und Schmuck aus allen Zeitepochen.
- 2 **Franziskanerkapelle**, Mohammed Basuny St. (30° 2' 53" N 31° 14' 7" O). Im Bereich der Franziskanerschule. [bearbeiten]


**Qaṣr en-Nīl** · قصر النيل



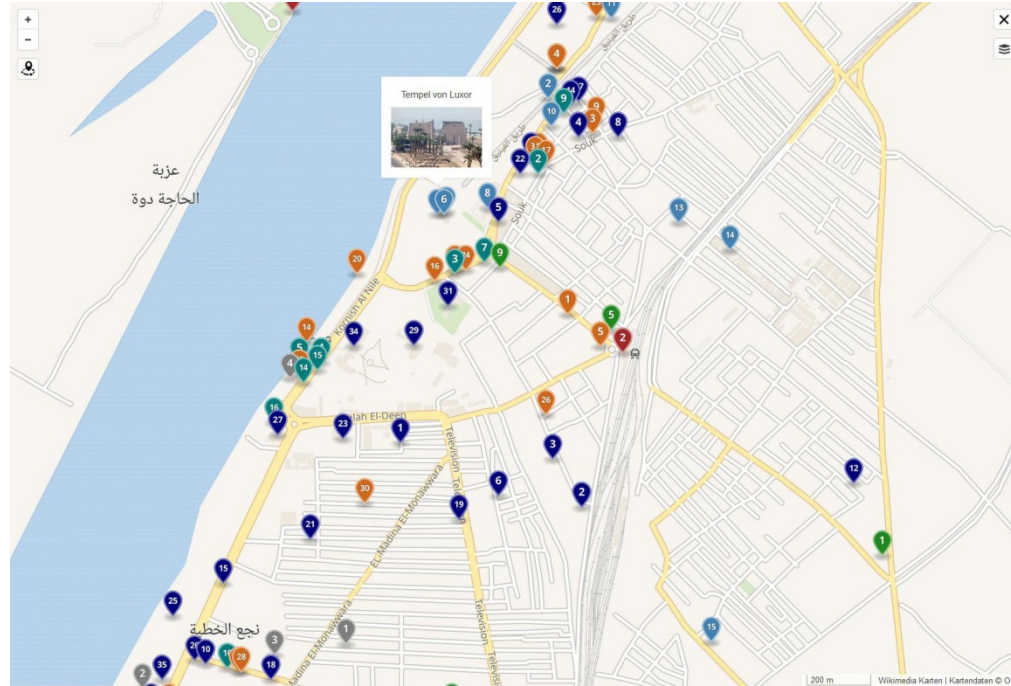
el-Mugamma' und das Denkmal für 'Umar Makram

 **Dynamische Karten**

- [Stadtplan von Qaṣr en-Nīl](#)
- [Umgebungskarte](#)

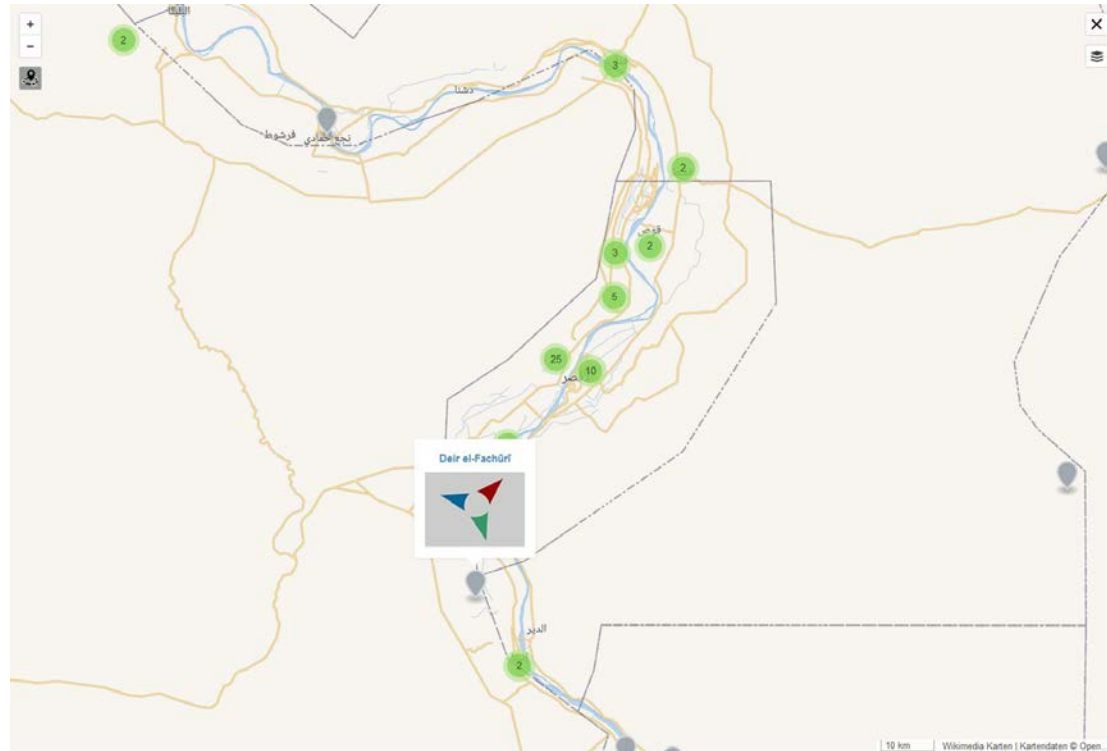


# Wikivoyage: City map



Points of interest stored in document header JavaScript. Placed on the map by JavaScript, too

# Wikivoyage: Nearby articles map





# Adding more features

- `MediaWiki:Kartographer.js`
- `MediaWiki:Kartographer.css`

# Wishes

- Standardization of terms (for instance bicycle parking), list of synonymous terms
- uniform syntax like for opening hours
- two-way database links by ids: OSM - WikiData, id redirection
- Simple import and export of Wikivoyage/Wikidata data from and to OSM
- To solve: How and where to store trails?
- New Wikivoyage branches like a Czech branch





# Conclusions

- Wikivoyage encouraged Wikimedia Foundation to add map service for all sister projects
- Development started at Wikivoyage by its own community
- With the Kartographer dynamic maps can be created both as embedded and full-screen maps
- Adding markers, lines and polygons
- Kartographer is partly in a beta state



# Invitation

- December 10, 2016 – 10<sup>th</sup> birthday of Wikivoyage
- Community meeting and party at:
- Wikimedia Deutschland e. V.  
Tempelhofer Ufer 23/24  
10963 Berlin
- Start: 10 o'clock

# Appendix 1: Links

- <https://www.mediawiki.org/wiki/Extension:Kartographer>
- <https://www.mediawiki.org/wiki/Help:Extension:Kartographer>  
(nicht vollständig)
- <https://www.mediawiki.org/wiki/Talk:Maps> (Diskussion Karten)
- <https://www.mapbox.com/maki-icons/> Kartensymbole
  
- <http://geojson.org/geojson-spec.html> The GeoJSON Format Specification
- <https://github.com/mapbox/simplestyle-spec/tree/master/1.1.0> Simplestyle specification
- <http://geojson.io/#map=18/30.04778/31.23333> GeoJSON-Editor



# Appendix 2: Mediawiki Settings

```
'wgKartographerWikivoyageMode' => [  
    'default' => false,  
    'mediawikiwiki' => true,  
    'wikivoyage' => true,  
],  
  
'wgKartographerUseMarkerStyle' => [  
    'default' => false,  
    'mediawikiwiki' => true,  
    'wikivoyage' => true,  
],  
  
'wgKartographerEnableMapFrame' => [  
    'default' => true,  
    'wikipedia' => false,  
    'cawiki' => true,  
    'hewiki' => true,  
    'mkwiki' => true,  
    'testwiki' => true,  
    'test2wiki' => true,  
],
```

As of October 2016

# Appendix 3: MAKI symbols

aerialway.svg	city.svg	harbor.svg	parking-garage.svg	slaughterhouse.svg
airfield.svg	clothing-store.svg	heart.svg	pharmacy.svg	soccer.svg
airport.svg	college.svg	heliport.svg	pitch.svg	square.svg
alcohol-shop.svg	commercial.svg	hospital.svg	place-of-worship.svg	square-stroked.svg
america-football.svg	cricket.svg	ice-cream.svg	playground.svg	star.svg
art-gallery.svg	cross.svg	industrial.svg	police.svg	star-stroked.svg
bakery.svg	dam.svg	land-use.svg	polling-place.svg	suitcase.svg
bank.svg	danger.svg	laundry.svg	post.svg	swimming.svg
bar.svg	dentist.svg	library.svg	prison.svg	telephone.svg
baseball.svg	disability.svg	lighthouse.svg	rail.svg	tennis.svg
basketball.svg	dog-park.svg	lodging.svg	rail-above.svg	theatre.svg
beer.svg	embassy.svg	logging.svg	rail-light.svg	toilets.svg
bicycle.svg	emergency-telephone.svg	london-underground.svg	rail-metro.svg	town.svg
building.svg	entrance.svg	marker.svg	rail-underground.svg	town-hall.svg
bus.svg	farm.svg	marker-stroked.svg	religious-christian.svg	triangle.svg
cafe.svg	fast-food.svg	minefield.svg	religious-jewish.svg	triangle-stroked.svg
camera.svg	ferry.svg	mobilephone.svg	religious-muslim.svg	village.svg
campsite.svg	fire-station.svg	monument.svg	restaurant.svg	warehouse.svg
car.svg	fuel.svg	museum.svg	roadblock.svg	waste-basket.svg
cemetery.svg	garden.svg	music.svg	rocket.svg	water.svg
chemist.svg	gift.svg	oil-well.svg	school.svg	wetland.svg
cinema.svg	golf.svg	park.svg	scooter.svg	zoo.svg
circle.svg	grocery.svg	park2.svg	shop.svg	
circle-stroked.svg	hairdresser.svg	parking.svg	skiing.svg	