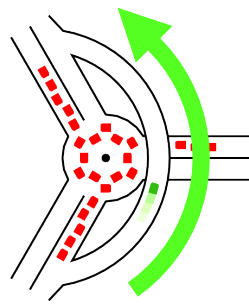


Overpass API

FOSSGIS 2012, Dessau

Willkommen zur



Overpass API

OSM3S Response

overpass-api.de/api/interpreter?data=[out%3Acustom]%3Brel[network%3D"VRS"][[ref%3D"63"]%3Bout%3B


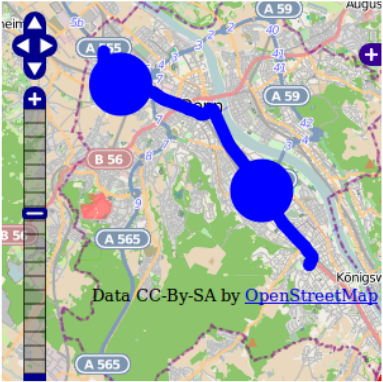
The data included in this document is from www.openstreetmap.org. It has there been collected by a large group of contributors. For individual attribution of each item please refer to [http://www.openstreetmap.org/api/0.6/\[node|way|relation\]/#id/history](http://www.openstreetmap.org/api/0.6/[node|way|relation]/#id/history)

Data included until: 2012-03-19T09:48:03Z

3 results found

Relation **1316192**, bounding box south: 50.5577600, west: 6.9206016, north: 50.9771903, east: 7.3400319,
from = Bad Godesberg Stadthalle
name = Linie 63 Tannenbusch Mitte
network = VRS
operator = SWB
ref = 63
route = subway
to = Tannenbusch Mitte
type = route
via = Bonn Hauptbahnhof
members: way **45092020** "backward", way **26685882** "backward", way **4856477** "forward", way **27365823** "forward", way **43269208** "backward", way **43269207** "backward", way **43269206** "backward", way **43269202** "forward", way **6134679** "forward", way **4823571** "forward", way **150377544** "forward", way **44131976** "forward", way **119895819** "forward", way **119845875** "forward", way **27365822** "forward", way **4366608** "forward", way **27359077** "forward", way **4882557** "forward", way **4882556** "forward", way **124327928** "forward", way **124327943** "forward", way **4882539** "forward", way **47267099** "forward", way **125735015** "forward", way **47292624** "forward", way **23574559** "forward", way **51583168** "forward", way **124127475** "forward", node **294098844** "", node **292667909** "", node **295098522** "", node **295098721** "", node **293702018** "", node **293163167** "", node **370584190** "", node **1228950597** "", node **31052760** "", node **31001880** "", node **31001721** "", node **31001719** "", node **31001576** "", node **1198542493** "", node **27146894** "", node **31615765** "", node **26612812** "", node **29766820** ""
[Browse on openstreetmap.org](#)

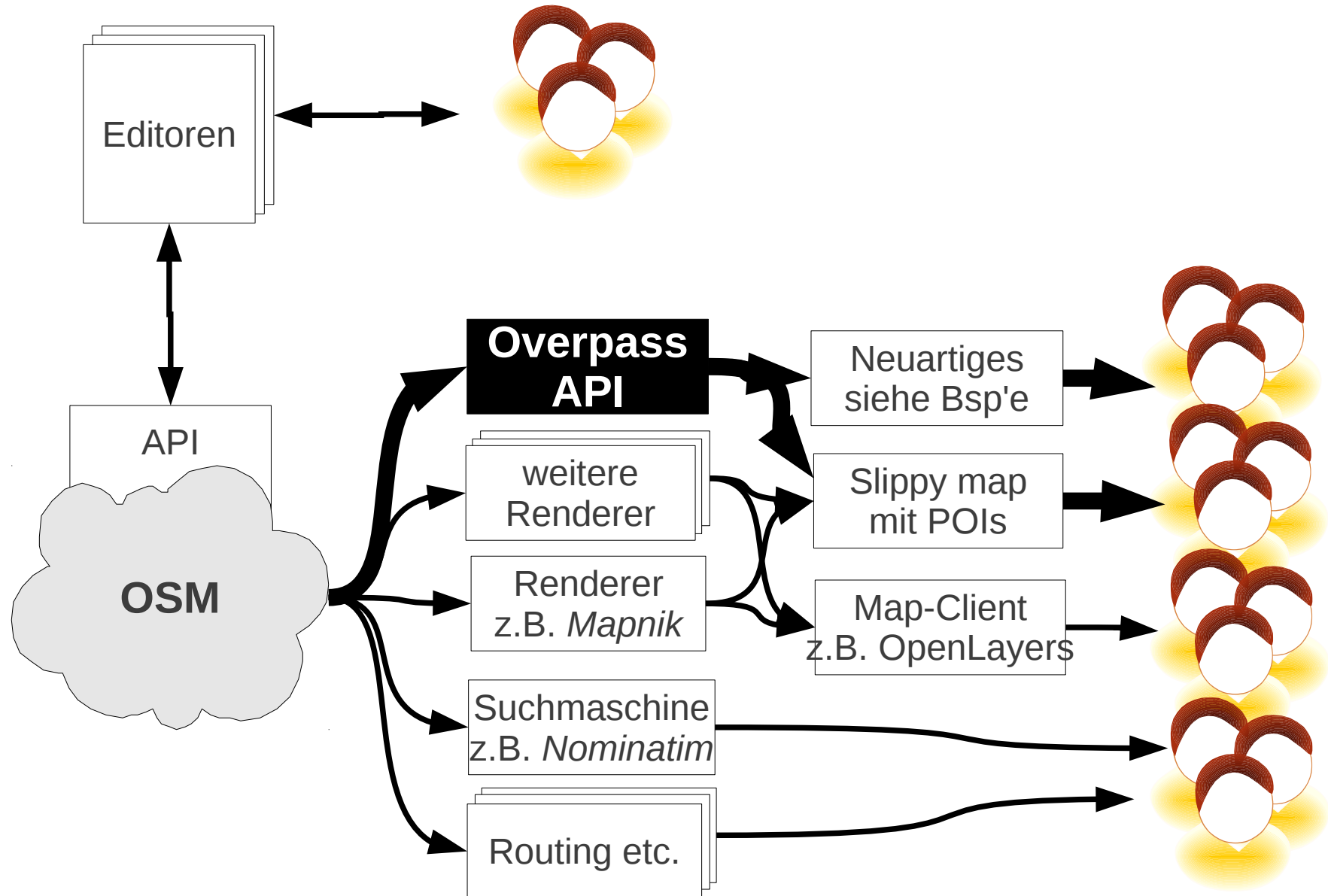
Relation **1316193**, bounding box south: 50.5577600, west: 6.9206016, north: 50.9771903, east: 7.3400319,
from = Tannenbusch Mitte
name = Linie 63 Bad Godesberg Stadthalle
network = VRS
operator = SWB
ref = 63
route = subway
to = Bad Godesberg Stadthalle
type = route
via = Bonn Hauptbahnhof
members: way **124127475** "backward", way **51583168** "backward", way **47267100** "backward", way **47267099** "backward", way **125735016** "backward", way



Suchen: null

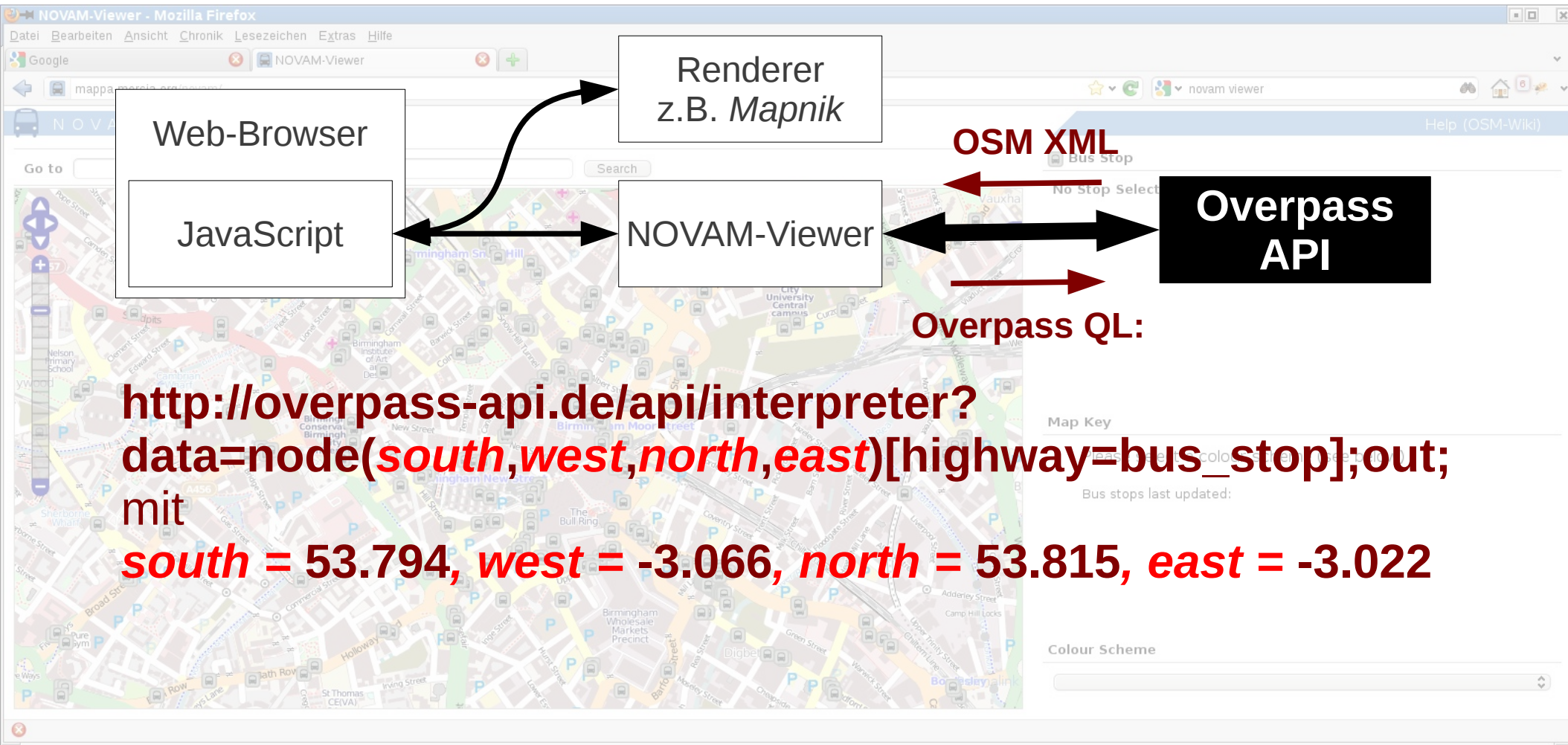
◀ Aufwärts ▶ Abwärts Hervorheben □ Groß-/Kleinschreibung 📄 Das Seitenende wurde erreicht, Suche vom Seitenanfang Fortgesetzt

Das OpenStreetMap-Ökosystem für Datennutzer



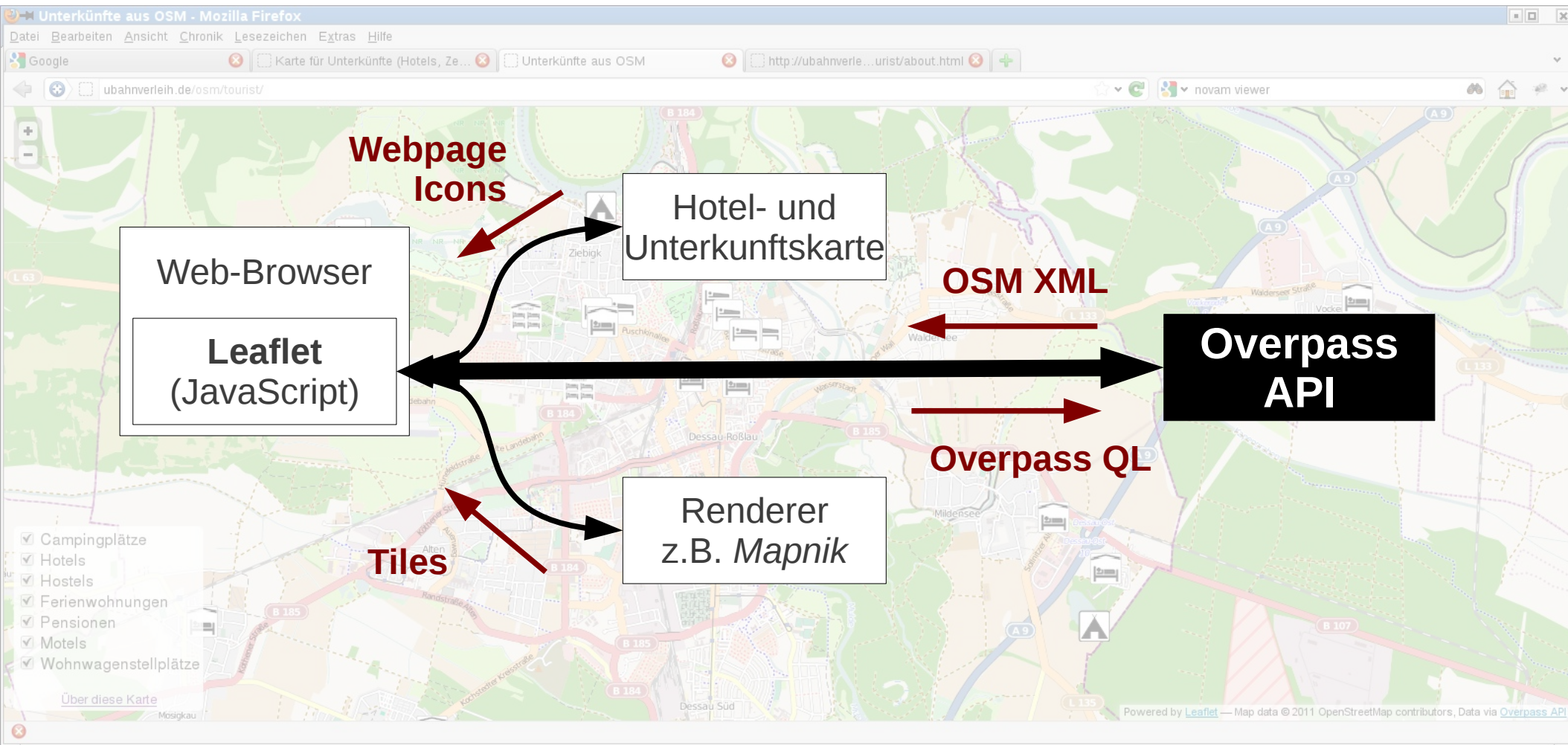
Anwender-Beispiel: NOVAM-Viewer

<http://mappa-mercia.org/novam/>



Anwender-Beispiel 1: Hotel- und Unterkunftskarte

<http://ubahnverleih.de/osm/tourist/>



Anwender-Beispiel 2: Hotel- und Unterkunftskarte

<http://ubahnverleih.de/osm/tourist/>

Unterkünfte aus OSM - Mozilla Firefox

http://overpass-api.de/api/interpreter?data=

```
node[tourism="camp_site"](51.806,12.084,51.872,12.357);out;  
(way[tourism="camp_site"](51.806,12.084,51.872,12.357);node(w));out;  
node[tourism="chalet"](51.806,12.084,51.872,12.357);out;  
(way[tourism="chalet"](51.806,12.084,51.872,12.357);node(w));out;  
node[tourism="guest_house"](51.806,12.084,51.872,12.357);out;  
(way[tourism="guest_house"](51.806,12.084,51.872,12.357);node(w));out;  
node[tourism="bed_and_breakfast"](51.806,12.084,51.872,12.357);out;  
(way[tourism="bed_and_breakfast"](51.806,12.084,51.872,12.357);node(w));out;  
node[tourism="hotel"](51.806,12.084,51.872,12.357);out;  
(way[tourism="hotel"](51.806,12.084,51.872,12.357);node(w));out;  
node[tourism="hostel"](51.806,12.084,51.872,12.357);out;  
(way[tourism="hostel"](51.806,12.084,51.872,12.357);node(w));out;  
node[tourism="motel"](51.806,12.084,51.872,12.357);out;  
(way[tourism="motel"](51.806,12.084,51.872,12.357);node(w));out;  
node[tourism="caravan_site"](51.806,12.084,51.872,12.357);out;  
(way[tourism="caravan_site"](51.806,12.084,51.872,12.357);node(w));out;
```

Über diese Karte

Laufzeit: < 1 s

Powered by [Leaflet](#) — Map data © 2011 OpenStreetMap contributors, Data via [Overpass API](#)

http://overpass-api.de/public_transport.html



`http://overpass-api.de/api/interpreter?data=`

```
rel[network=VRR][ref=630];node(r)->.stops;
```

```
(node(around.stops:300)[railway];
```

```
node(around.stops:300)[highway];
```

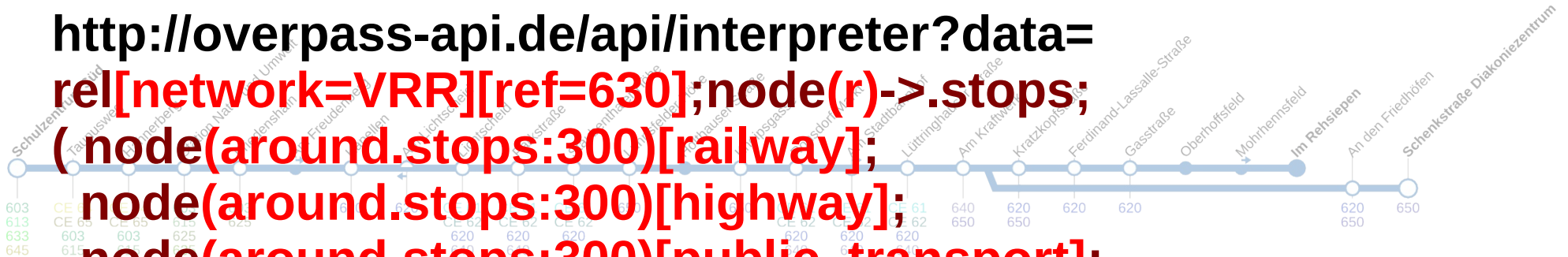
```
node(around.stops:300)[public_transport];
```

```
node(around.stops:300)[amenity=ferry_terminal]; );
```

(;

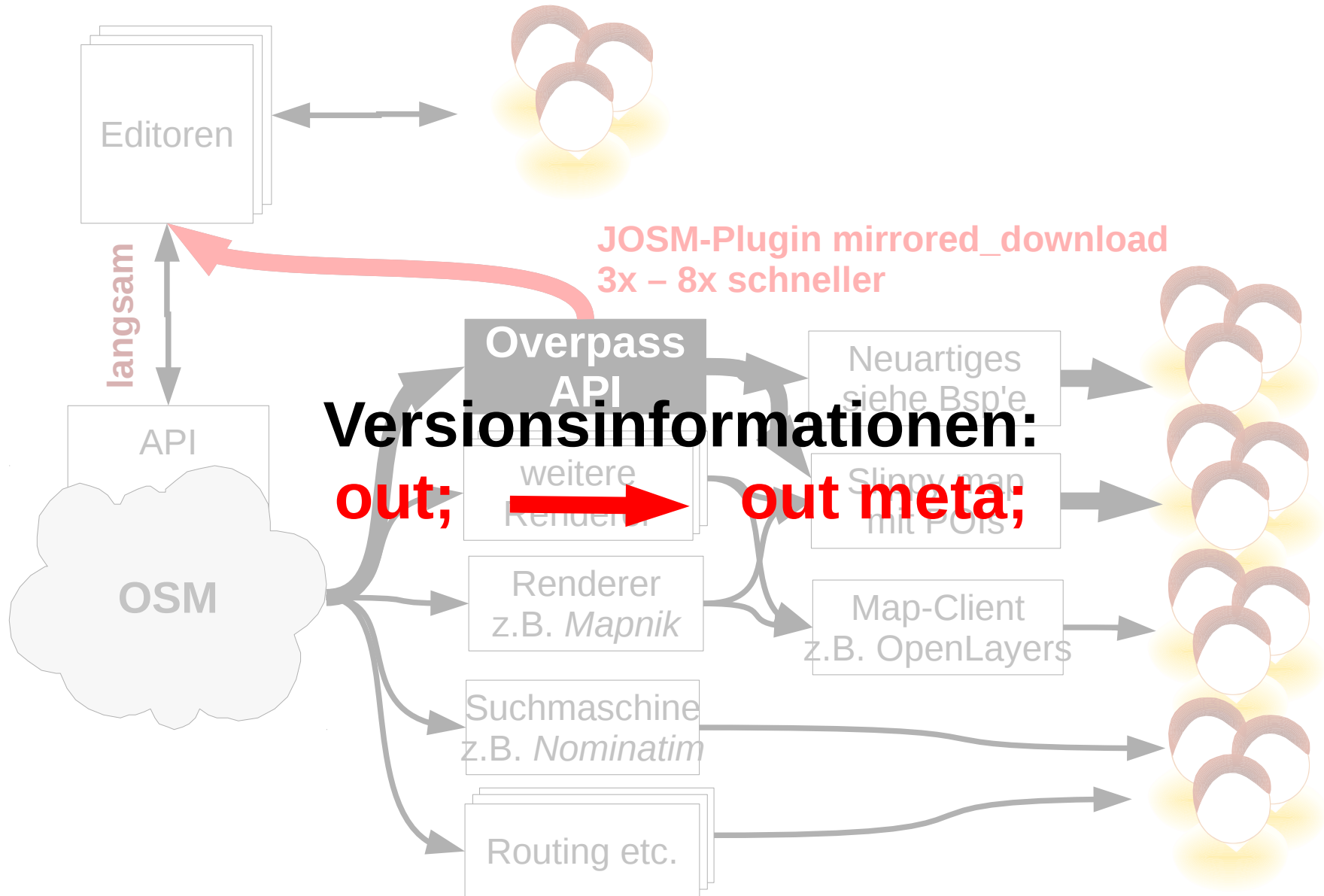
```
rel(bn); );
```

out;



Anwender-Beispiel 4: JOSM-Plugin mirrored_download

http://wiki.openstreetmap.org/wiki/JOSM/plugins/mirrored_download



Anwender-Beispiel 5: Permanent-ID

http://wiki.openstreetmap.org/wiki/Overpass_API/Permanent_ID

WikiProject Germany/Autoba...

wiki.openstreetmap.org/wiki/Autobahn#A_40_-_A_49

A 40 - A 49

Name	Platz	Status	Überprüft von	Bemerkungen
A 40	21402		Robert 17:22, 20 July 2008	
A 43	20963		Robert 23:00, 27 July 2008	
			Robert 06 Jan 2009	
				Abschnitt Grenzübergang B-D(#1) - Dreieck Jackerath(#10)
			Robert 13:40,	Holzwickede(#51?) - Dreieck Kassel-Süd(#70)
			mighty_eighty	Abschnitt Hessisch Lichtenau-Mitte(#77) - Hessisch Lichtenau-Ost(#78)
			Robert 13:40, 23 July 2008	Abschnitt Kreuz Bochum/Witten(#42) - Kreuz Dortmund/Witten(#46)
			Frank 13:37, 19 Feb 2006 (UTC)	
			Damian 15:00, 19 Jan 2007	
			Robert 20 August 2009	
			Robert 14:15, 29 July 2008	An den Abfahrten fehlen einzelne Wege.
A 49	21084		Robert 31 Jan 2009	

Suchen: null

⏪ Aufwärts ⏩ Abwärts 📄 Hervorheben ☐ Groß-/Kleinschreibung 📄 Das Seitenende wurde erreicht, Suche vom Seitenanfang fortgesetzt

Wiki

`{{DisplayRoute|ref=A 555}}`

Link

Overpass API

Weiterleitung

OSM Main API

<http://www.openstreetmap.org/browse/relation/23092>

[http://overpass-api.de/api/interpreter?data=\[out:custom\];rel\[ref="A 555"\];out;](http://overpass-api.de/api/interpreter?data=[out:custom];rel[ref=\)

Eigene Instanz: Installation

http://overpass-api.de/misc/osm-3s_v0.6.97.tar.gz

Installation:

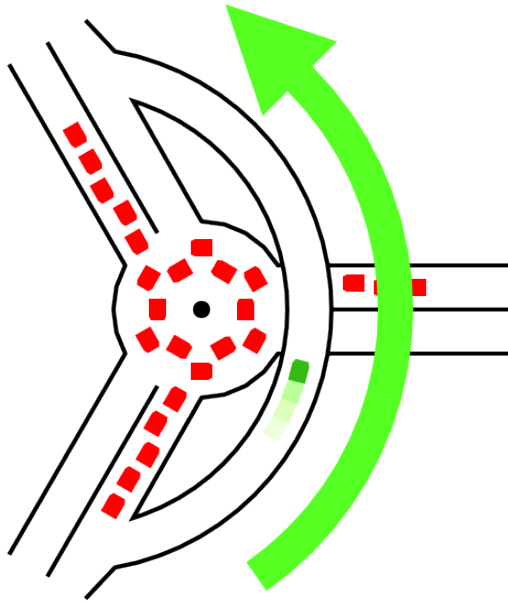
```
cd osm-3s_v0.6.97/build  
../src/configure --prefix="`pwd`/../"  
make install
```

Inbetriebnahme:

```
cd ../bin  
bunzip2 <planet-latest.osm.bz2 | ./update_database -meta -db-dir=../db/
```

Lizenz: GPL

Dokumentation



Overpass API

<http://overpass-api.de>

http://wiki.openstreetmap.org/Overpass_API