

OpenStreetMap

Wat is dat?

Hauke Stieler

4stieler@informatik.uni-hamburg.de

07. Oktober 2021

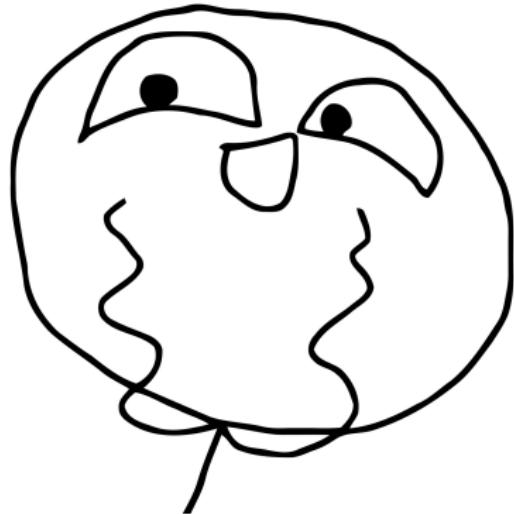


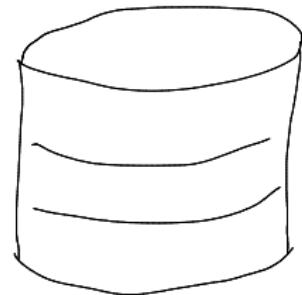
- So ähnlich wie Google Maps

- So ähnlich wie Google Maps
- Aaaaaber: Detailierter, Frei und hat ne Community

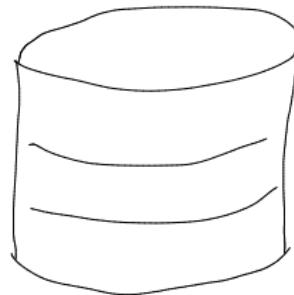
- So ähnlich wie Google Maps
- Aaaaaber: Detailierter, Frei und hat ne Community
- Wie Wikipedia nur für Karten

- So ähnlich wie Google Maps
- Aaaaaber: Detailierter, Frei und hat ne Community
- Wie Wikipedia nur für Karten
- Tausende tolle Apps

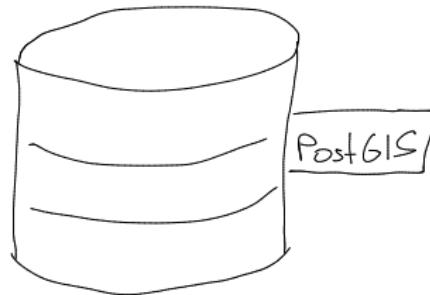




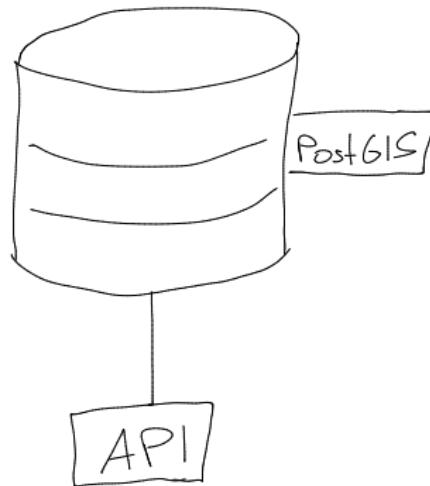
PostgreSQL



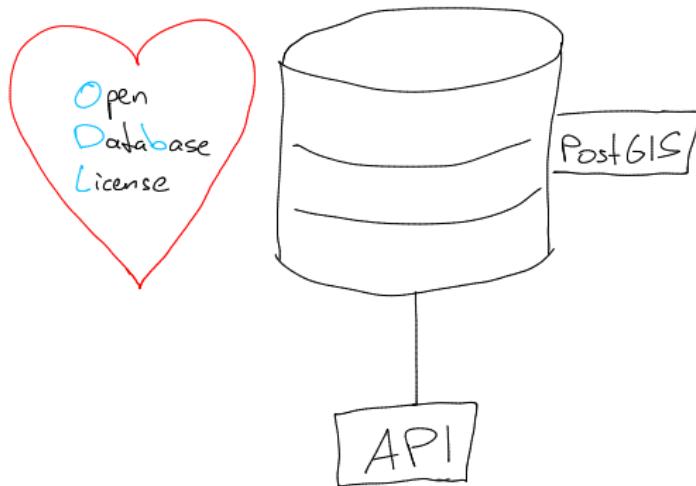
PostgreSQL



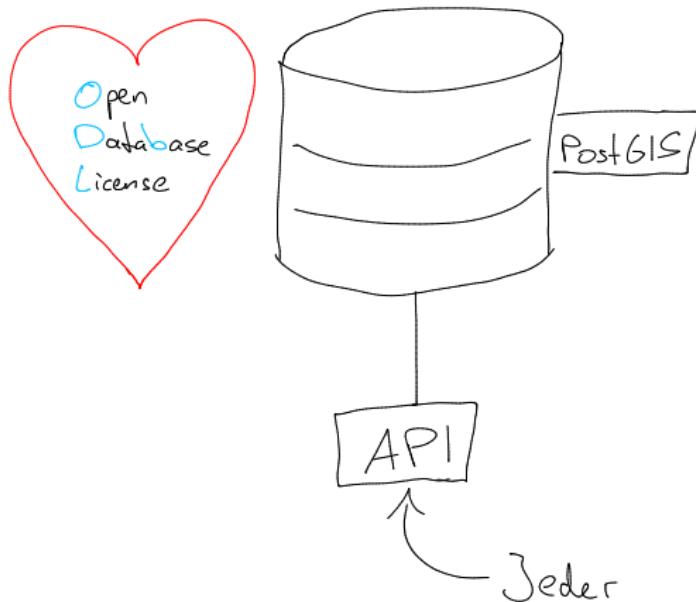
PostgreSQL



PostgreSQL



PostgreSQL



o

amenity = telephone



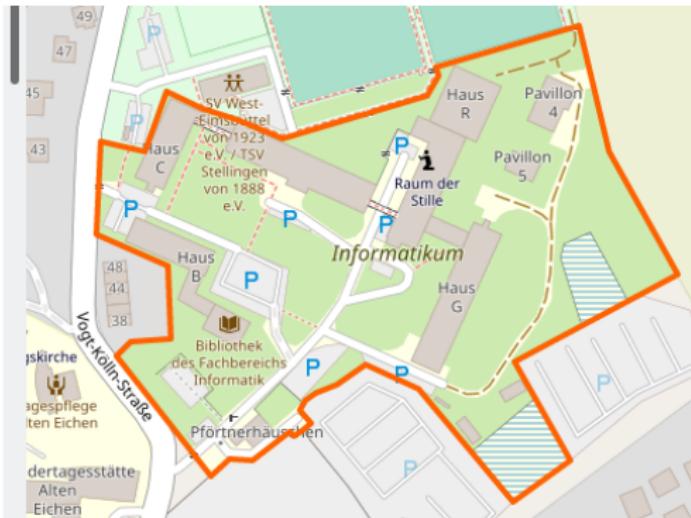
highway = footway
surface = asphalt

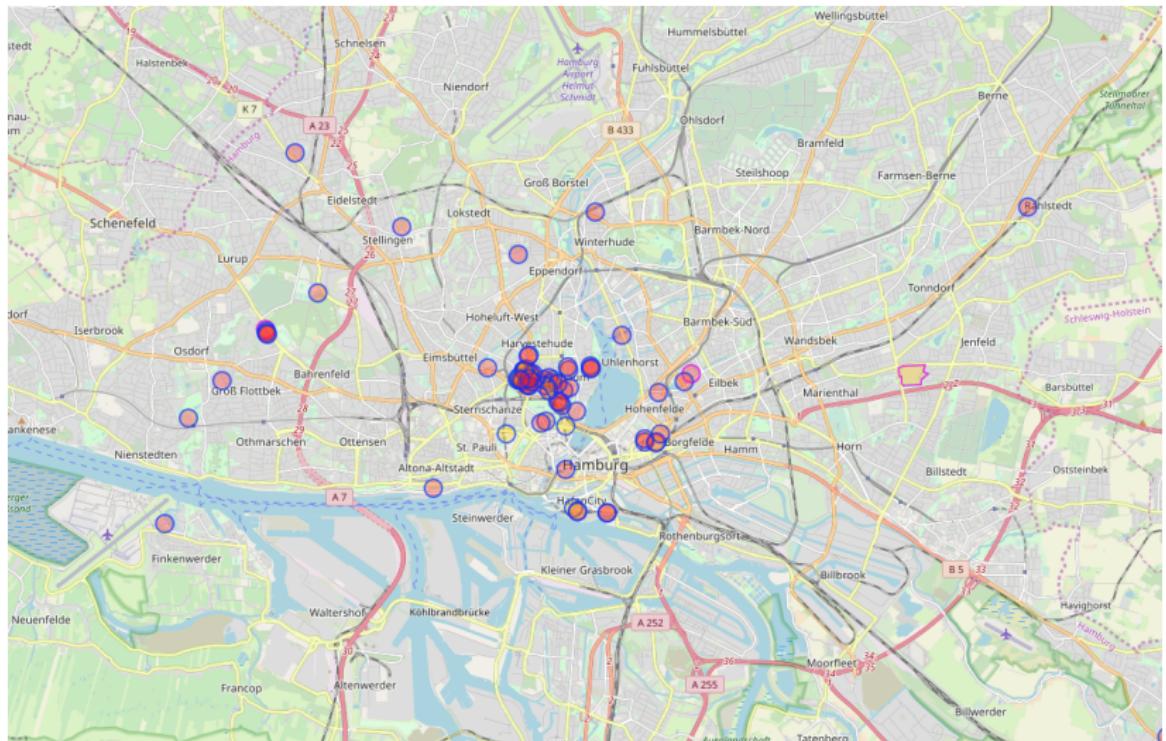


amenity = university
name = Informatikum

Attribute

amenity	university
barrier	fence
fence_type	chain_link
name	Informatikum
operator	Universität Hamburg
phone	+49 40 42883-2401
website	https://www.inf.uni-hamburg.de/
wheelchair	limited





© OpenStreetMap Mitwirkende

Information



IHR SPIELT
EURE SONGS



Fahrplan



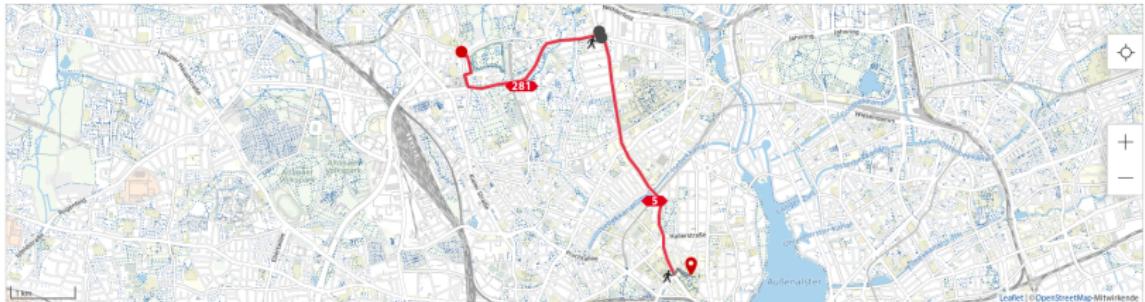
Holzhafen und Glücksburg Bahnhof sowie Bahnhof und Führung nach Elbüberquerung Flöhaß
Mehrere Abfahrten pro Stunde ab 6 Uhr und Rückfahrten ab 18 Uhr über die Elbe unter einer Brücke

Montag - Freitag	Montag - Samstag	Montag - Freitag	Montag - Samstag
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
56	56	56	56
57	57	57	57
58	58	58	58
59	59	59	59
60	60	60	60
61	61	61	61
62	62	62	62
63	63	63	63
64	64	64	64
65	65	65	65
66	66	66	66
67	67	67	67
68	68	68	68
69	69	69	69
70	70	70	70
71	71	71	71
72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
80	80	80	80
81	81	81	81
82	82	82	82
83	83	83	83
84	84	84	84
85	85	85	85
86	86	86	86
87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

Schnellbahn-/Regionalverkehr



Verbindungen



Ihre Verbindung für Hamburg und Umgebung

Ihr Start *
Informatikum

Ihr Ziel *
Von-Melle-Park 8, Hamburg



Mi, 09.10.2019



13:00



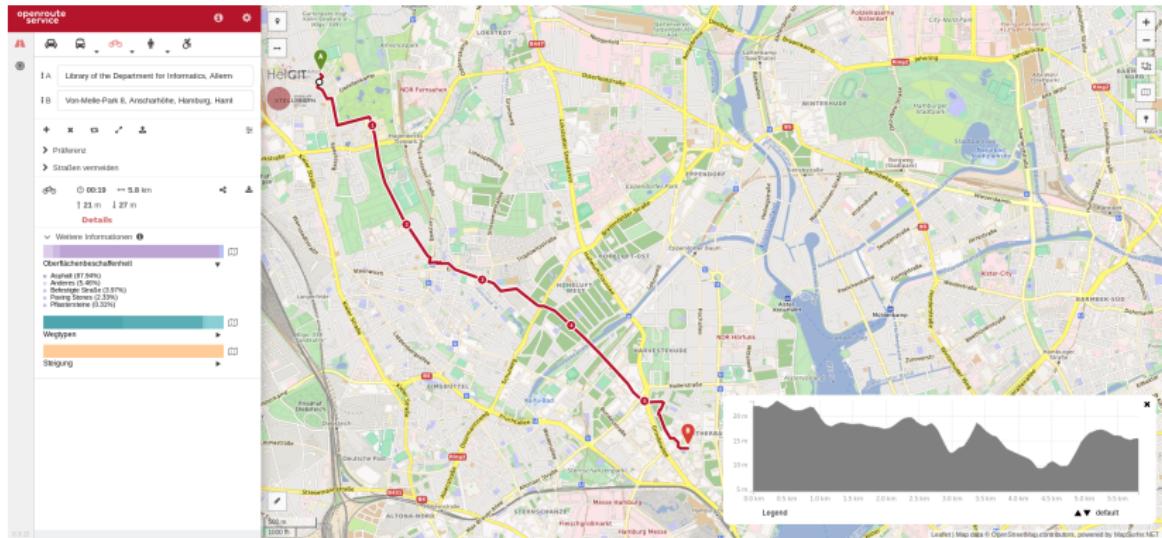
Suchoptionen

Favoriten

Karte

Strecke per Rad

Strecke zu Fuß





OsmAnd – Offline-Karten, Reisen und Navigation

OsmAnd **Reisen & Lokales**

★★★★★ 90.868

0 USK ab 0 Jahren

Bietet In-App-Käufe an

1 Diese App ist mit deinem Gerät kompatibel.

Installiert



Organic Maps Offline Hike Bike Trails & Navigation

Organic Maps OÜ **Reisen & Lokales**

★★★★★ 1.384

0 USK ab 0 Jahren

Zur Wunschliste hinzufügen

Installieren



StreetComplete

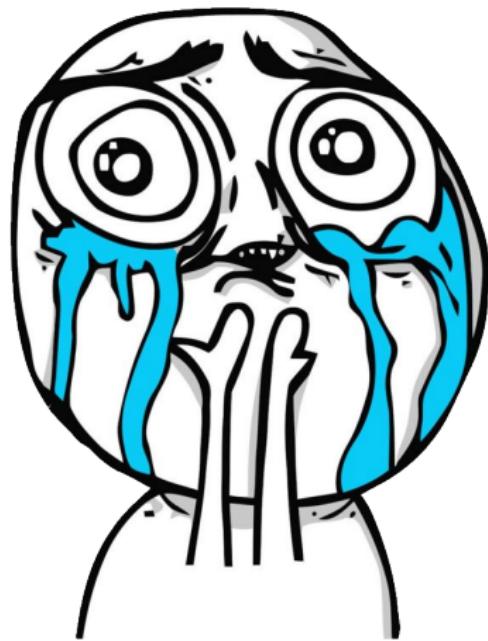
westnordost **Reisen & Lokales**

★★★★★ 935

0 USK ab 0 Jahren

Zur Wunschliste hinzufügen

Installieren





Usage [\[edit\]](#) [\[edit source\]](#)

Main article: [Highways](#)

The key **highway*** is the main key used for identifying any kind of road, street or path. The value of the key helps indicate the importance of the highway within the road network as a whole. See the table below for an ordered list from most important ([motorway](#)) to least important ([service](#)).

See [Highway:International equivalence](#) for how different countries apply these tags to their own road networks.

It is also used for features like bus stops, service areas, pedestrian crossings and other highway related things (see below).

Examples [\[edit\]](#) [\[edit source\]](#)

We have about a dozen-and-a-half examples each of [urban](#) and [exurban](#) tagging, with photos.

Values [\[edit\]](#) [\[edit source\]](#)

See below for details of commonly used values:

Key	Value	Element	Comment	Rendering carto	Photo
Roads [edit source]					
These are the principal tags for the road network. They range from the most to least important.					
highway	motorway		A restricted access major divided highway, normally with 2 or more running lanes plus emergency hard shoulder. Equivalent to the Freeway, Autobahn, etc..		
highway	trunk		The most important roads in a country's system that aren't motorways. (Need not necessarily be a divided highway.)		



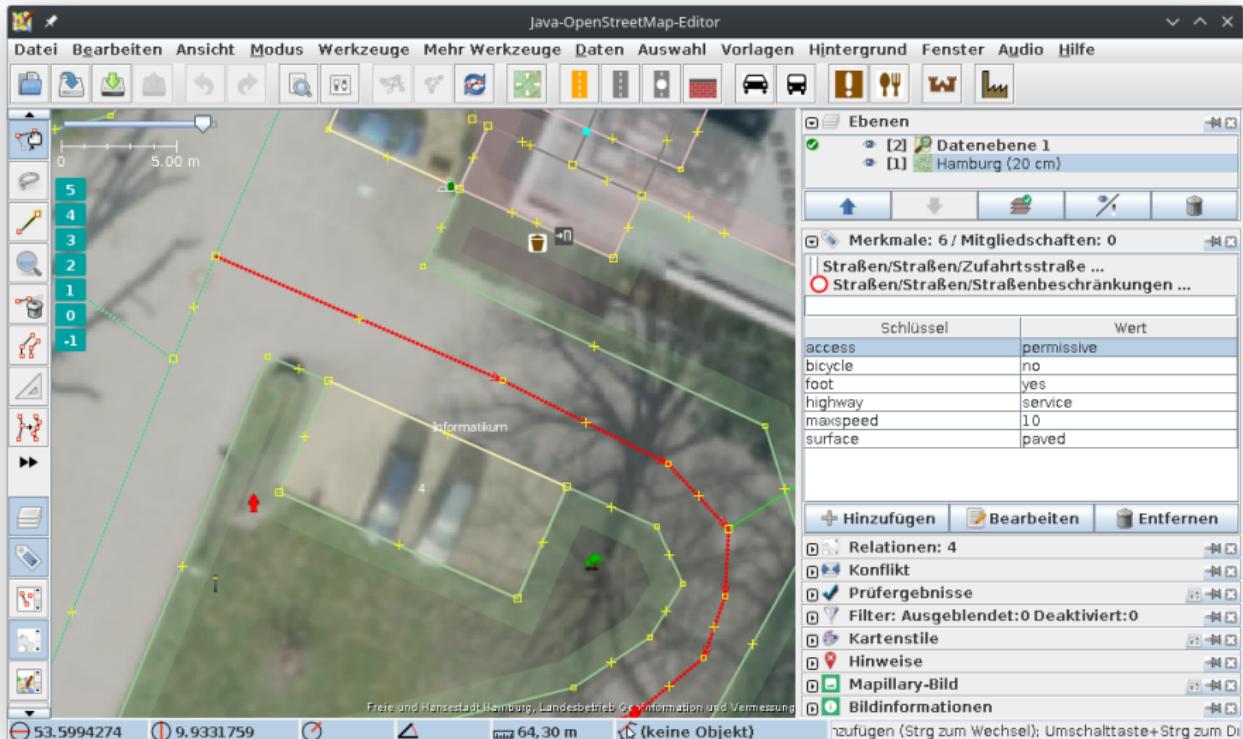
Log In

Sign Up





JOSM - Java OpenStreetMap Editor



- Mailingliste
(wiki → „Hamburg“ suchen)
- t.me/osm_de_hh

Danke :)