



# Local Language Maps in OpenStreetMap

Yogesh K S, IT for Change

OpenStreetMap India





# OSM data is rich

Enables users to add multi-lingual map data

```
name:lang_code=*
```

# Multilingual maps





# Indian context

The Eighth Schedule to the Indian Constitution contains a list of 22 scheduled languages.

Each state has its own official language.

# State of Indian languages in

Language	Status	All	Nodes	Ways	Ralations
Kannada	kn	48823	31820	15813	1190
Nepali	ne	5864	2524	2760	580
Tamil	ta	5694	3092	1826	776
Marathi	mr	5401	1372	3166	863
Hindi	hi	4589	2577	1286	726
Malayalam	ml	4063	2579	1057	427
Urdu	ur	3283	1039	822	1422
Bengali	bn	2548	1148	979	421
Telugu	te	1592	969	348	275
Punjabi	pa	770	259	203	308
Gujarati	gu	623	314	126	183
Odia	or	581	299	61	221
Sanskrit	sa	391	142	67	182
Kashmiri	ks	260	215	1	44
Assamese	as	103	32	43	28
Sindhi	sd	31	14	1	16
Bodo	brx	1	1	0	0
Konkani	kok	1	1	0	0
Maithili	mai	1	1	0	0
Manipuri	mni	0	0	0	0
Dogri	doi	0	0	0	0

Showing 1 to 22 of 22 entries



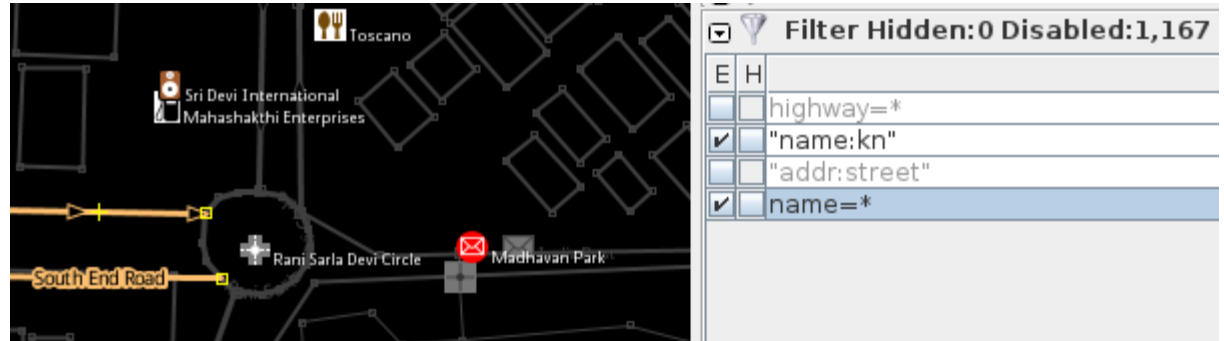
# How do we localize map data?

With available editors:

- JOSM
- iD
- Nomino

# Java OpenStreetMap Editor

Using filters to get lang tags




# iD Editor

Set your local language as preferred language

## Preferred Languages:

kn

 Secondary Road	i
--	---

▼ ಎಲ್ಲಾ ವರ್ಗಗಳು

ಹೆಸರು	🗑️	i
South End Road		+

ಬಹುಭಾಷಿತ ಹೆಸರು.

ಕನ್ನಡ

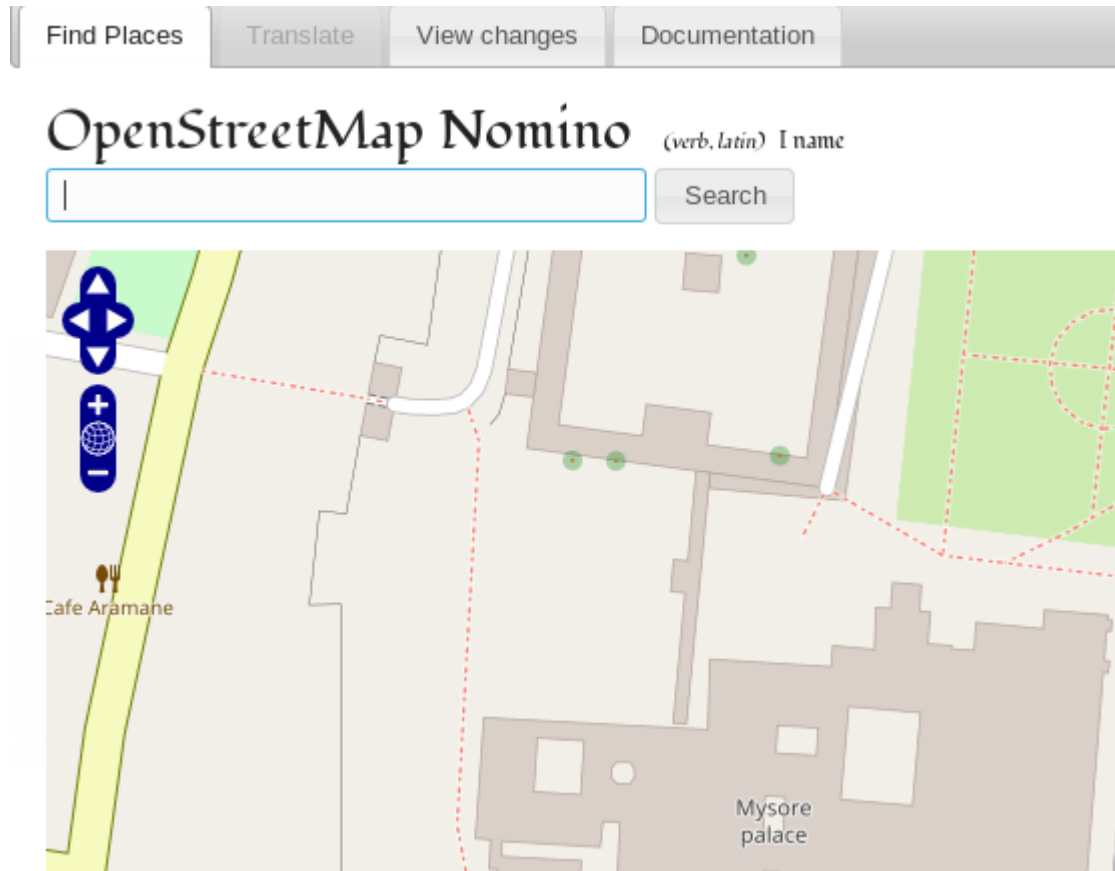
ಹೆಸರು





# Nomino

<http://nomino.openstreetmap.fr>





# Happy multilingual mapping!

Thank you :)