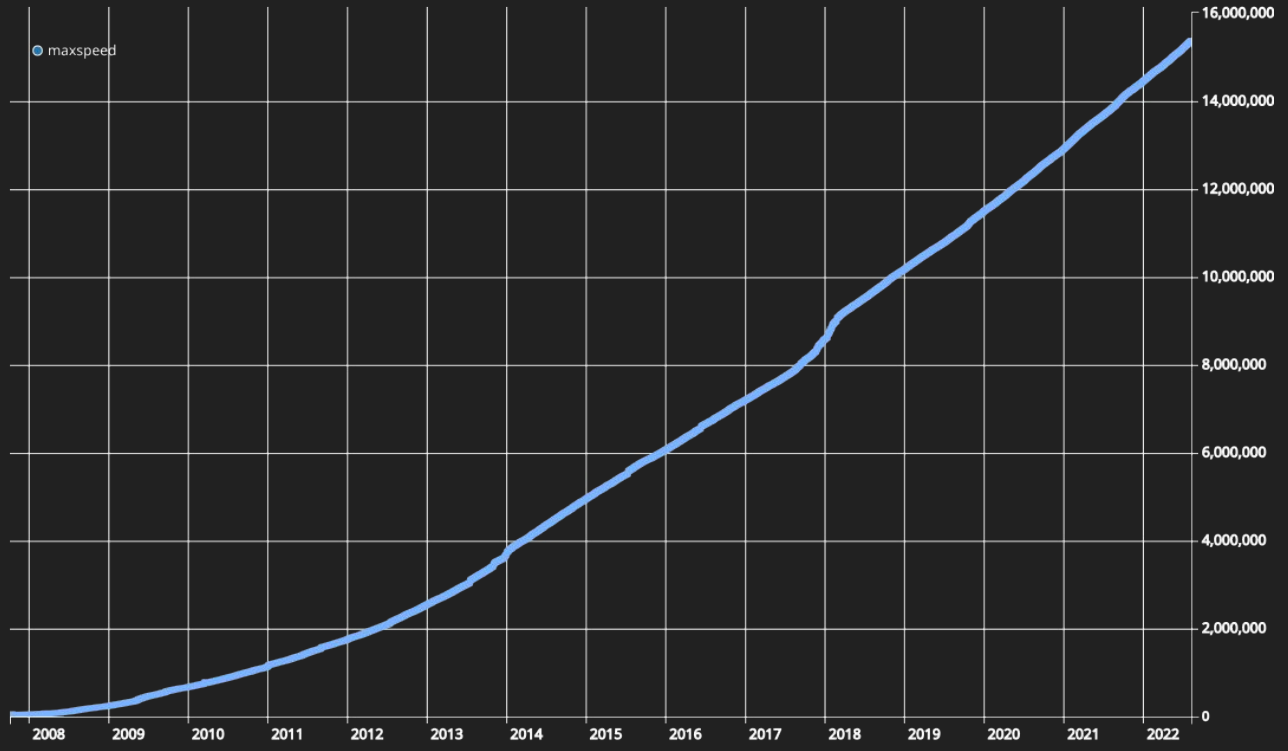
maxspeed

What percentage of roads have maxspeed tagged?

What percentage of roads have maxspeed tagged?

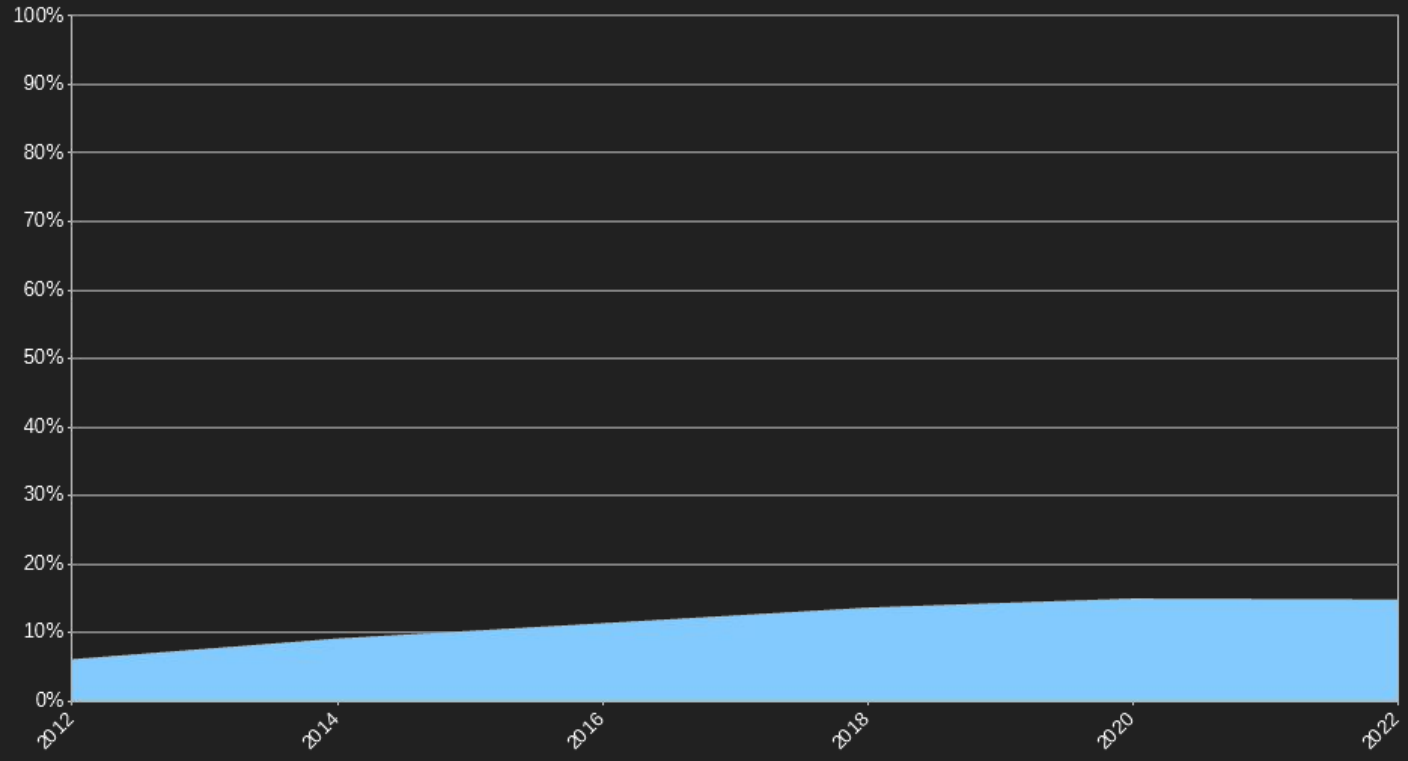
15 %

Just a matter of time..



Just a matter of time?

Nope.



But why?

But why?

1. Adding roads is easier

vs

Images Sources:
https://wiki.openstreetmap.org/wiki/File:Bajrabarahi_Nepal_mapping_training.jpg
https://wiki.openstreetmap.org/wiki/File:Surveying_with_walking_papers.jpg

But why?

1. Adding roads is easier
2. No sign, what to tag?

Images Source:
https://commons.wikimedia.org/wiki/File:Portsmouth_Road,_Long_Ditton_-_geograph.org.uk_-_2148542.jpg

No sign, what to tag?

```
maxspeed=90
```

`maxspeed=~~90~~ 80`

When the legislation changed but you mapped all unsigned speed limits with `maxspeed`

```
maxspeed=80

source:maxspeed=FR:rural
```

`maxspeed=80`

`source:maxspeed=FR:rural`

1:1

maxspeed=80

(maxspeed=80)

source:maxspeed=FR:rural

1:1

maxspeed=80

maxspeed=80

~~source:maxspeed~~

maxspeed:type

maxspeed=80

~~source:maxspeed~~

~~maxspeed:type~~

zone:maxspeed

maxspeed=80

~~source:maxspeed~~

~~maxspeed:type~~

~~zone:maxspeed~~

zone:traffic

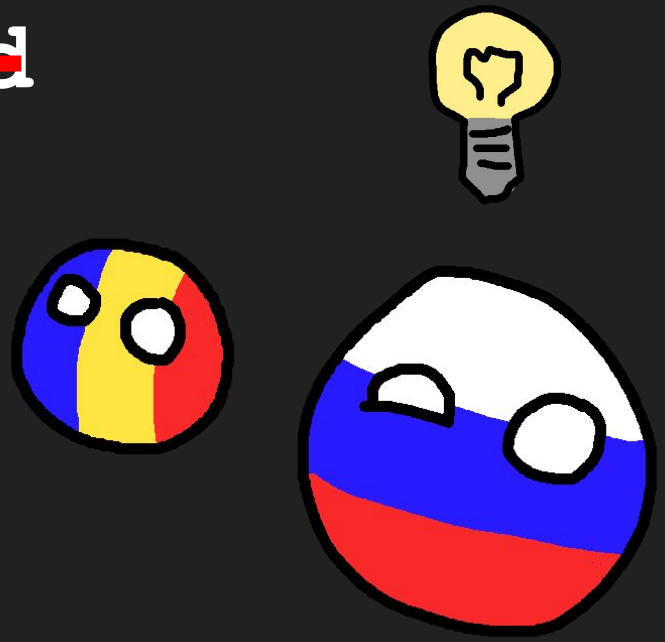
maxspeed=FR:rural

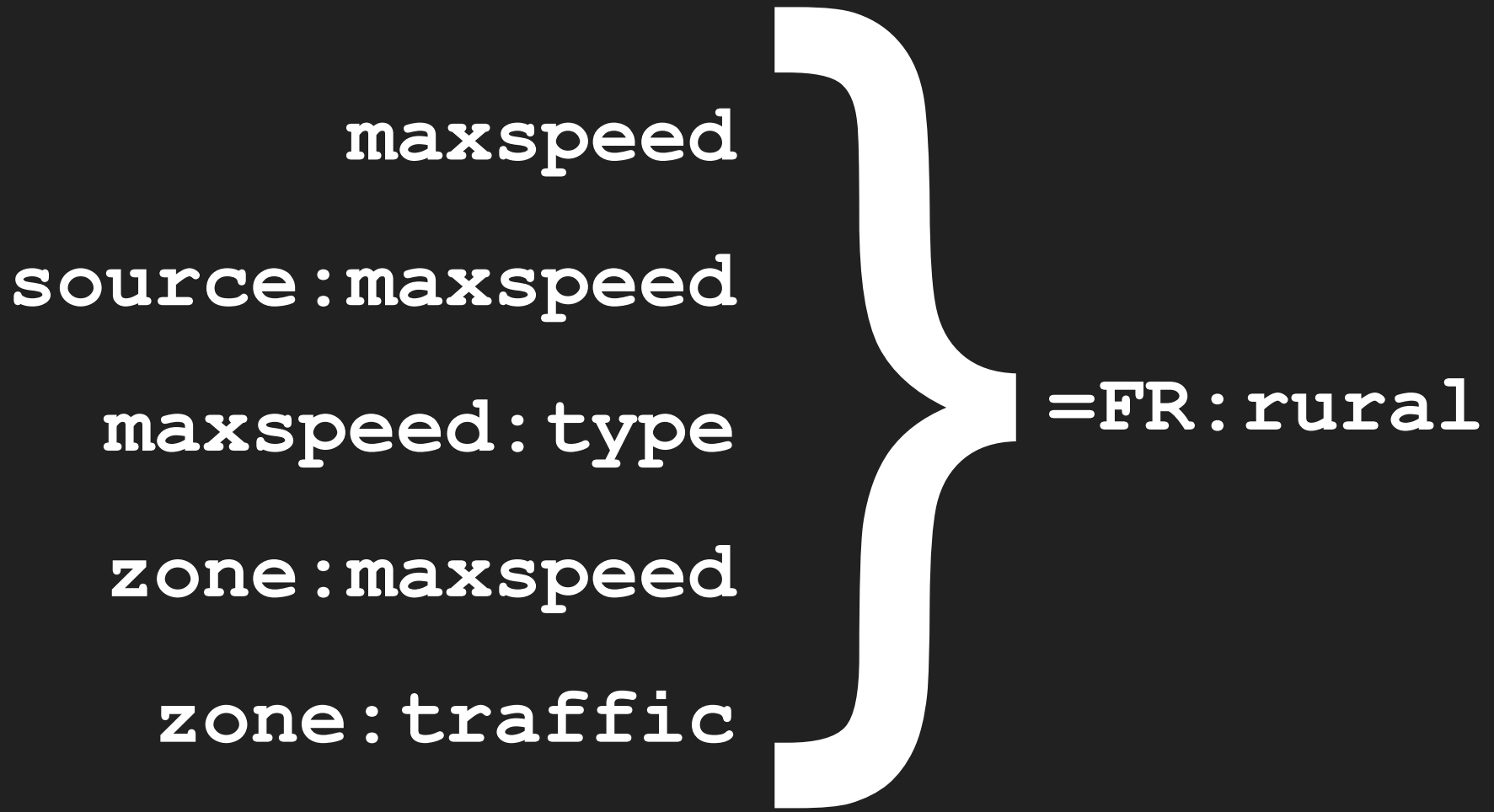
~~source:maxspeed~~

~~maxspeed:type~~

~~zone:maxspeed~~

~~zone:traffic~~




maxspeed
source:maxspeed
maxspeed:type
zone:maxspeed
zone:traffic
=FR:rural

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- Mappers still need to know in which “road category” they are to make any contribution at all

Sounds good, doesn’t work

- Mappers still need to know in which “road category” they are to make any contribution at all
- Those “road categories” need to be defined comprehensively and mappers need to know about them (for each country)
- But they aren’t (it’s not always just urban/rural)

Default Speed Limits

wiki.osm.org/wiki/Default_speed_limits

Findings

Findings

- `source:maxspeed` (etc.) schema is only good to determine if it is signed, urban or rural (But: it is only set if no explicit maxspeed is specified 😕)

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- `source:maxspeed` (etc.) schema is only good to determine if it is signed, urban or rural (But: it is only set if no explicit maxspeed is specified 😕)

- Many road types can be determined from physical properties or their classification in OSM with certainty. A plethora of more tags are used in different countries

Demo!!

westnordost.github.io/osm-legal-default-speeds/

Thank You!

Made possible through grant from