Broken Promises and Technical Difficulties

Ilya Zverev, Juno Lab
State of the Map 2019

Can I has reverts?

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2008: Changesets and Reverts Proposal

1

Improve API

1

API as a Data Model

API 0.7

API 0.7

- Areas
- Locations on ways
- Removing untagged nodes

Simple Features

Being different is strength

References

`<parent type=... id=... />`

Better Versioning

```
<nd ref=... version=... />
```

Changing API is hard

Changing API means…

- Finding developers with the infrastructure knowledge
- Paying them for a few months' work
- Planning, testing, reaching out, etc
- Convincing gatekeepers the change is needed

2

API as an interface

New interfaces are a mess

Deleted Objects
+
Enhanced History

Deleted Objects
+
Enhanced History

2008: «The API would then basically support a call that says "revert changeset xy"»

- (cur | prev) ○ 17:38, 19 July 2019 Lutz (talk | contribs) . . (9,317 bytes) (-41) . . (→Related OSM Projects) (undo | thank)
- (cur | prev) ○ 16:52, 5 July 2019 Pietervdvn (talk | contribs) . . (9,358 bytes) (+179) . . (→Using the data) (undo | thank)
- (cur | prev) ○ 22:48, 8 June 2019 Jeffmeyer (talk | contribs) . . (9,179 bytes) (+16) . . (→Editing Maps in OHM) (undo | thank) (Tag: V
- (cur | prev) ○ 01:48, 7 June 2019 Jeffmeyer (talk | contribs) m . . (9,163 bytes) (-17) . . (→OHM-Related Resources) (undo | thank) (
- (cur | prev) ○ 01:48, 7 June 2019 Jeffmeyer (talk | contribs) . . (9,180 bytes) (+63) . . (→OHM-Related Resources: added link to githu
- (cur | prev) ○ 23:54, 6 June 2019 Jeffmeyer (talk | contribs) . . (9,117 bytes) (+498) . . (More page cleanups, added Slack info & wiki
  Visual edit)
- (cur | prev) ○ 23:10, 6 June 2019 Jeffmeyer (talk | contribs) . . (8,619 bytes) (+1,567) . . (providing some updates, page refreshing) (
- (cur | prev) ○ 20:57, 13 February 2019 Dhiegov (talk | contribs) m . . (7,052 bytes) (+11) . . (→Related OSM Projects: Marking linked
  (undo | thank)
- (cur | prev) ○ 22:19, 4 December 2018 Gnrc69 (talk | contribs) . . (7,041 bytes) (+5) . . (→Editing OHM) (undo | thank)
- (cur | prev) ○ 22:18, 4 December 2018 Gnrc69 (talk | contribs) m . . (7,036 bytes) (+103) . . (create user for edit) (undo | thank)
- (cur | prev) ○ 15:50, 11 November 2018 Geonick (talk | contribs) . . (6,933 bytes) (+84) . . (→Related OSM Projects) (undo | thank)
- (cur | prev) ○ 17:03, 3 October 2018 MeastroGlanz (talk | contribs) . . (6,849 bytes) (+195) . . (→Tagging) (undo | thank)
- (cur | prev) ○ 16:45, 13 June 2018 P1230 (talk | contribs) . . (6,654 bytes) (+22) . . (→Tagging: +) (undo | thank)

3

Bypass API

Overpass API

Monitoring changesets

Пакет правок: 74451695

✕

Upd payment methods

Закрыто 3 дня назад пользователем dez

Теги

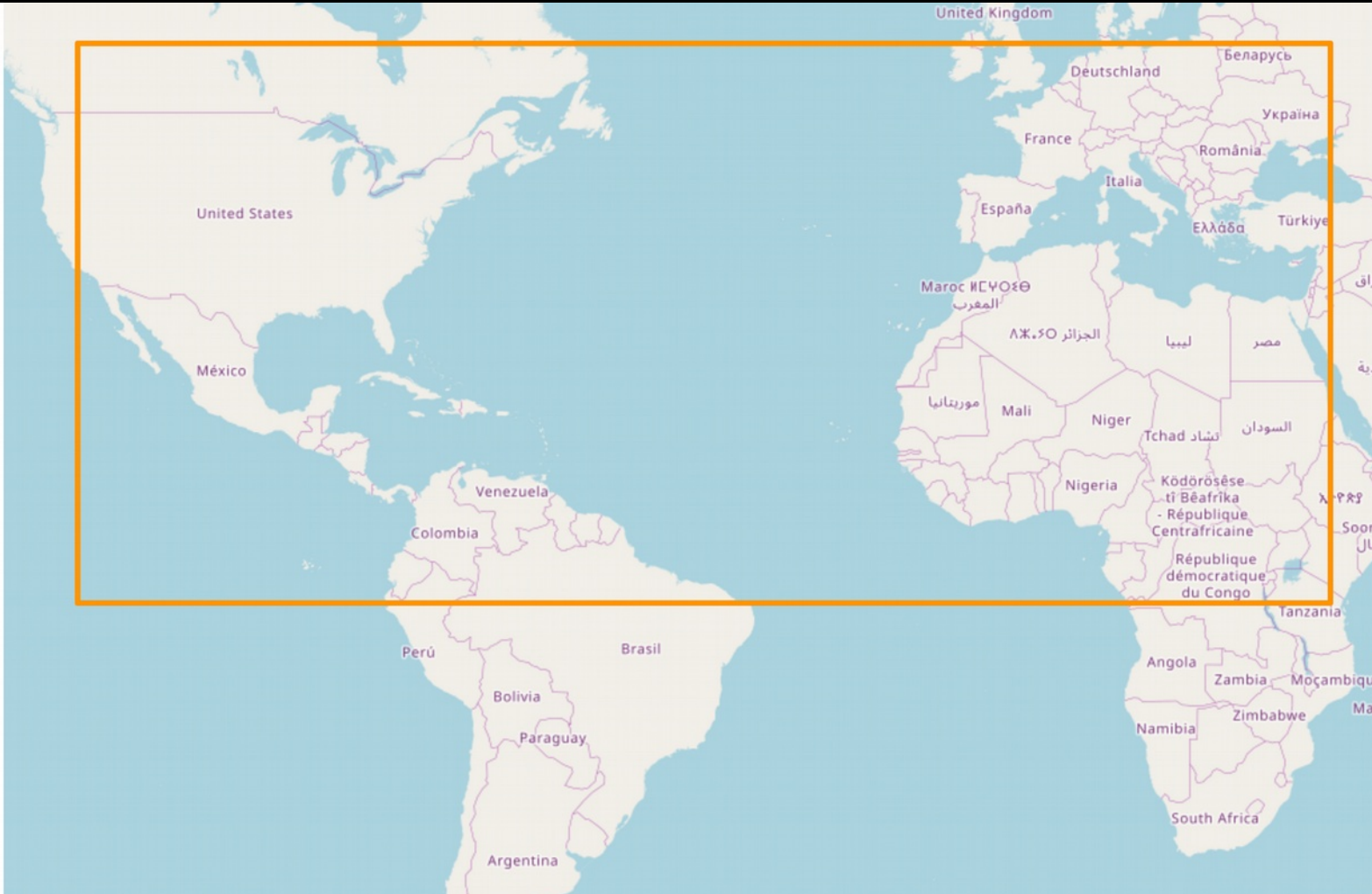| created_by	Level0 v1.2

Обсуждение   [Подписаться]

[   ]

[Комментарий]

Линии (12)

⛽ Posto Ipiranga (614969912, v6)
⛽ 591412523, v3
⛽ Cumberland Farms (409867805, v3)
⛽ Speedway (339620478, v6)
🅿 Henschotermeer 4 (285186204, v6)
🅿 Henschotermeer 3 (281700534, v6)
⛽ Tankstation Wengern (264451434, v7)
▭ REWE Getränkemarkt (256769168, v13)
▭ OMA (000070000, v14)

Data model defines you

Roads:
segments + relations

API defines your tools

Changesets do not work

Atomic Changes

Atomic Changes

- Simple and revertable

Atomic Changes

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- Customized grouping

Atomic Changes

- Simple and revertable
- Customized grouping
- Human-readable descriptions

Changeset comment:

WHY, not WHAT

Пакет правок: 74451695 ✕

Upd payment methods

Закрыто 3 дня назад пользователем dez

Теги

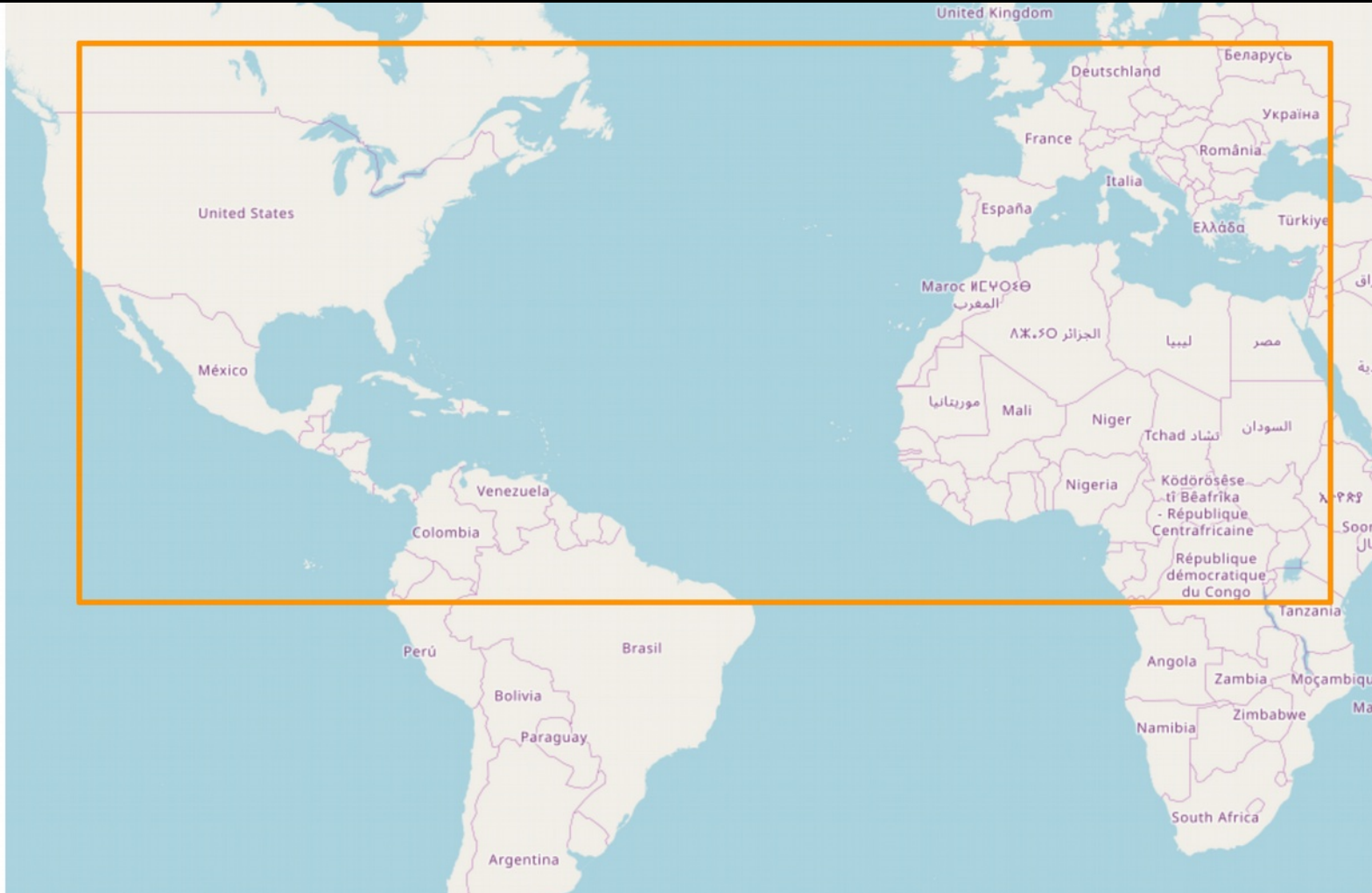| created_by	Level0 v1.2

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- REWE Getränkemarkt (256769168, v13)
- OMA (200070600, v14)

«Added two buildings in Chile and one in Kamchatka»

«Did an OSM Streak task»

Atomic Changes

- Simple and revertable
- Customized grouping
- Human-readable descriptions

Think beyond
the data model

Thank you!

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