Broken Promises and Technical Difficulties

Ilya Zverev, Juno Lab
State of the Map 2019
Can I has reverts?
Can I has reverts?

2008: Changesets and Reverts Proposal
Improve API
API as a Data Model
API 0.7
API 0.7

- Areas
- Locations on ways
- Removing untagged nodes
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"»
Lutz (talk | contribs) . . (9,317 bytes) (-41) . . (→Related OSM Projects) (undo | thank)
Pietervdvn (talk | contribs) . . (9,358 bytes) (+179) . . (→Using the data) (undo | thank)
Jeffmeyer (talk | contribs) . . (9,179 bytes) (+16) . . (→Editing Maps in OSM) (undo | thank) (Tag: V)
Jeffmeyer (talk | contribs) m . . (9,163 bytes) (-17) . . (→OHM-Related Resources) (undo | thank)
Jeffmeyer (talk | contribs) . . (9,180 bytes) (+63) . . (→OHM-Related Resources: added link to github
Visual edit)
Jeffmeyer (talk | contribs) . . (9,117 bytes) (+498) . . (More page cleanups, added Slack info & wiki
Visual edit)
Jeffmeyer (talk | contribs) . . (8,619 bytes) (+1,567) . . (providing some updates, page refreshing)
Dhiegov (talk | contribs) m . . (7,052 bytes) (+11) . . (→Related OSM Projects: Marking linked
nodes)
Gnrc69 (talk | contribs) . . (7,041 bytes) (+5) . . (→Editing OSM) (undo | thank)
Gnrc69 (talk | contribs) m . . (7,036 bytes) (+103) . . (create user for edit) (undo | thank)
Geonick (talk | contribs) . . (6,933 bytes) (+84) . . (→Related OSM Projects) (undo | thank)
MeastroGlanz (talk | contribs) . . (6,849 bytes) (+195) . . (→Tagging) (undo | thank)
P1230 (talk | contribs) . . (6,654 bytes) (+22) . . (→Tagging: +) (undo | thank)
Bypass API
Overpass API
Monitoring changesets
Data model defines you
Roads: segments + relations
API defines your tools
Changesets do not work
Atomic Changes
Atomic Changes

- Simple and revertable
Atomic Changes

- Simple and revertable
- Customized grouping
Atomic Changes

- Simple and revertable
- Customized grouping
- Human-readable descriptions
Changeset comment:

WHY, not WHAT
«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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