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Relation: Harmony Mill Building 3 (2695223)




(1969, Public Domain, link)

Harmony Mill Building 3
1872 - 1936

Harmony Mills, in Cohoes, New York, United States, is an industrial district that is bordered by the Mohawk River and the tracks of the former Troy and Schenectady Railroad (now the Mohawk-Hudson bike trail). It was listed as Harmony Mills Historic District on the National Register of Historic Places in 1978.

[Wikipedia](#) | [Wikidata](#)

Version #7
improve Hzarmony Mills, Erie Canal in Cohoes NY



30 m
100 ft

January 1, 1922

Linking Wikimedia and OpenStreetMap

Richard Welty
OpenHistoricalMap

Current State of Affairs

- A bunch of low hanging fruit taken care of
 - somewhat ad-hoc
 - lots of opportunities to do cool and useful things out there

OSM->Wikimedia

- tags: key-value annotations for geo located entities
- wikipedia tag – used to link an entity in OSM to a corresponding wikipedia page

`wikipedia=en:Harmony Mill`

- wikidata tag – value of corresponding wikidata item number

`wikidata=Q5659578`

- seemingly more for reference purposes at present

OHM -> Wikimedia

- OpenHistoricalMap - mapping the past using OSM tools - separate database, some special capabilities
- wikipedia and wikidata tags are integrated into the web interface
- additional useful tags, image:<n>, image:<n>:caption, image:<n>:description

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Wikidata → OSM

- Wikidata link to OSM relation
 - Property P402
 - `{{maplink ...}}`
 - currently only certain OSM relation types are supported
- Wikidata link to OSM object (way, node)
 - Property P10689

Wikidata → OHM

- Not as well supported as OSM, beginnings are in place
- OHM Relation – Property P8424
- nothing for nodes & ways
- not aware of any wikimedia support for using it at present

OHM Relations

- OSM relation: bag of stuff
- OHM has time representation requirements that OSM lacks
- but OHM is restricted to the OSM data model – Nodes, Ways, and Relations
- OHM is using relations to represent complex life cycle concepts

OHM Relations

- And so we have relations representing variants in time, with `start_date` and `end_date` on the relation
- and then a “grouping super relation” – which is what wikidata might actually link to
- `type=chronology?`

OHM Relations

Chronology Relation

Variant

Variant

Variant

Geometry

Geometry

Geometry

Geometry

Potential Futures

- Better coordination of Wikimedia and OSM/OHM in developing interactions?
- Currently no method for linking OSM and OHM
 - Minh has proposed using wikidata items for this
 - but they're external to the OSM/OHM community

Potential Futures

- OHM is, where possible, documenting complex lifecycles
- Wikidata could link to an OHM relation to see nested relations with time ranges
- embed OHM map with time slider?

Potential Futures

- OSM taking OHM inspector enhancements
 - wikipedia link integration
 - image link integration
- Wikidata items considered as a broader unifying identifier for open data projects

Contact Info

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