

Deriviste

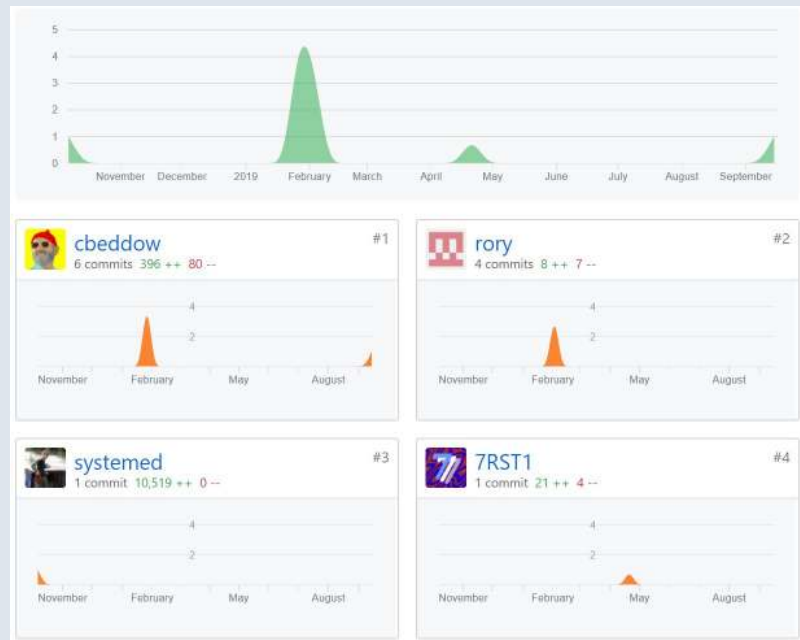
Click and Go Photo-mapping

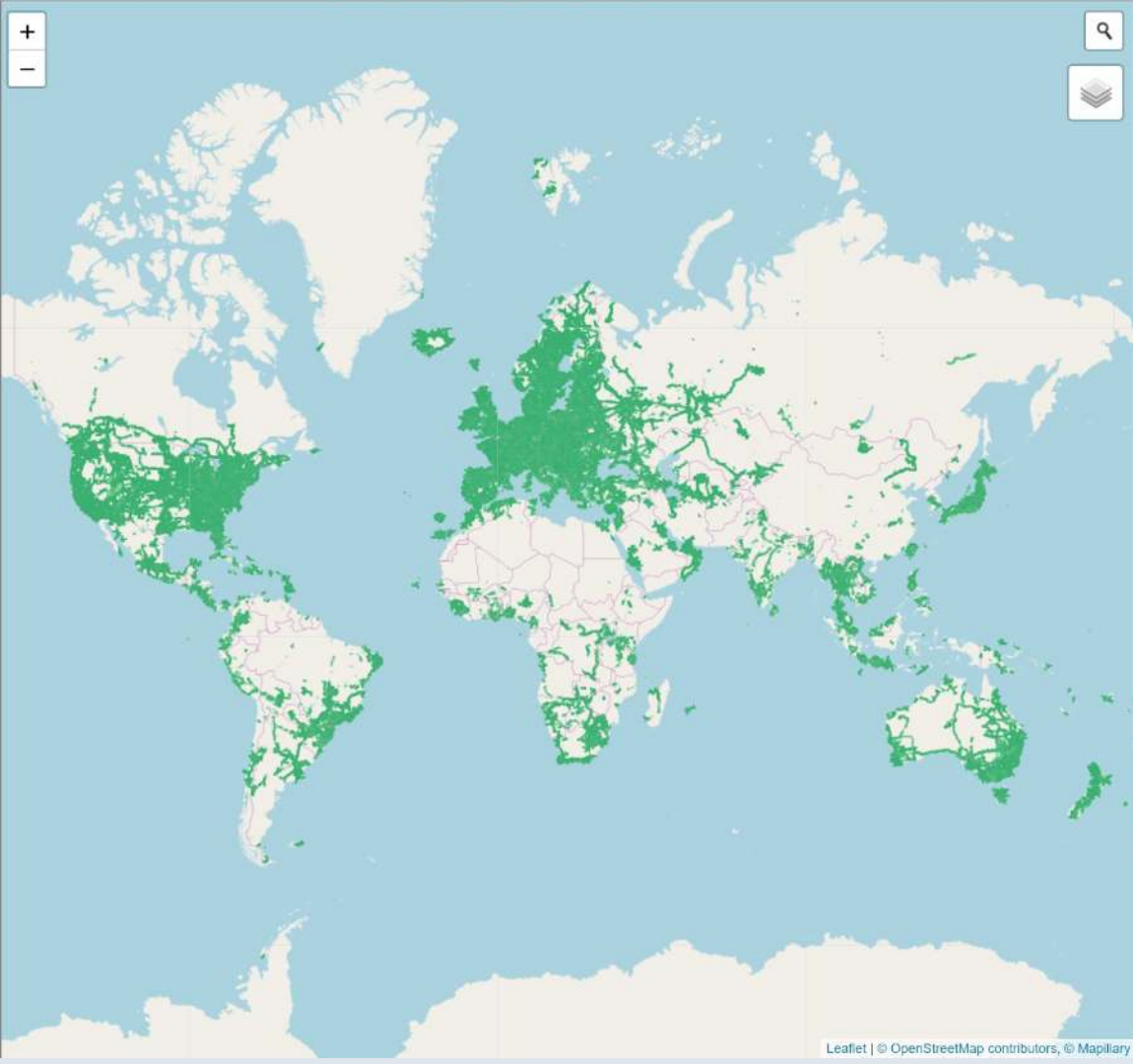


What is

Derivisto?

- ▶ A **proof-of-concept** -- creating data from images
- ▶ An open-source project
 - ▶ “**Patches are lovely. Please send patches.**” - Richard Fairhurst
 - ▶ 4 contributors
- ▶ An OSM data **creator** (but not really editor)
- ▶ An opportunity





Deriviste provides a simple interface to add nodes to OpenStreetMap based on what you see in Mapillary street-level imagery.

- Click a place on the map with a green highlight.
- Double-click an object on the street imagery to place a node there.
- Use the search box to find an OSM tag preset.
- Complete the tags using the right-hand tag table.
- Repeat until you're done.
- Enter your OSM username and password, then click 'Upload'.

The currently selected node is shown in red, others in blue. You can drag the nodes around to fine-tune their position. (You can also place nodes by double-clicking on the map.)

Don't forget to revisit the area with iD, Potlatch 2 or Vespucci to remove any duplicates and generally clean up. The Mapillary API sometimes fails to find co-ordinates for a click - sorry about that.

[Source](#)



Delete selected node

Upload 0 nodes

Edit tags



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[Source](#)



Delete selected node

Upload 0 nodes

Edit tags



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Search for tags...



Delete selected node

OSM username

OSM password

Upload 0 nodes

Edit tags



Search for tags...

Delete selected node

OSM username

OSM password

Upload 0 nodes

Edit tags



Search for tags...

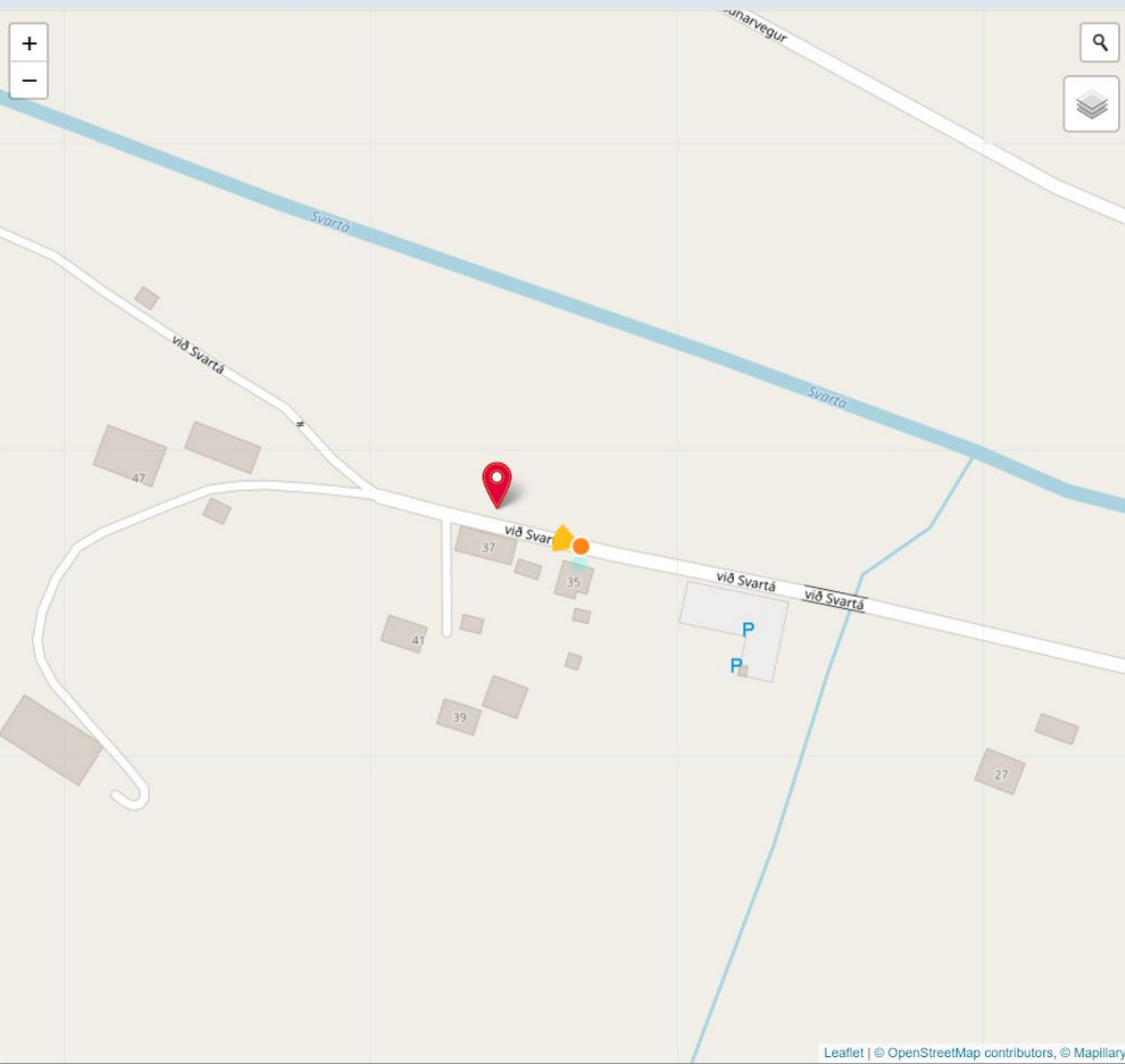
Delete selected node

OSM username

OSM password

Upload 1 nodes

Edit tags



Street Lamp

Delete selected node

OSM username

OSM password

Upload 1 nodes

Edit tags

highway	street_lamp

What is next?

- ▶ Vector tiles + date filtering, 360 filter
- ▶ Save last tag, last changeset comment
- ▶ Localization/translations
- ▶ Use computer vision detections
- ▶ OSM account OAuth
- ▶ Add notes
- ▶ Line drawing mode





<https://osm.cycle.travel/deriviste/>

<https://github.com/systemed/deriviste/>



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