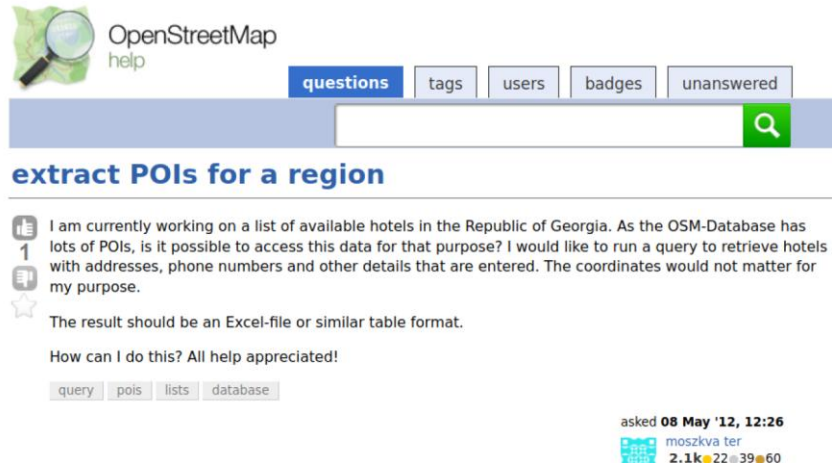


PostPASS: The OpenStreetMap World in a Table (or Two)

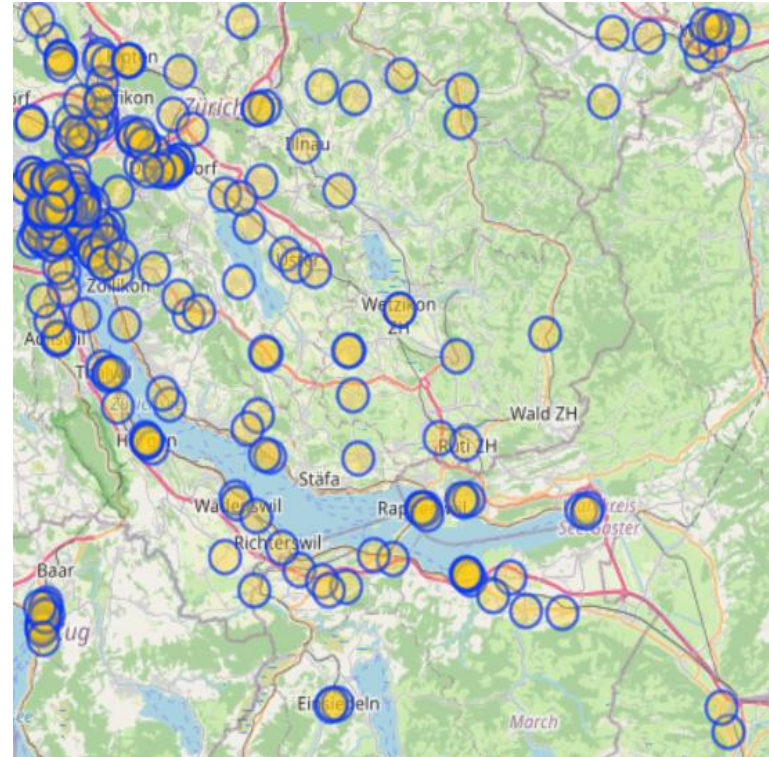
- Lightning Talk by Stefan Keller
- Typical use case



The screenshot shows the OpenStreetMap help page. At the top, there is a navigation bar with links for 'questions', 'tags', 'users', 'badges', and 'unanswered'. Below this is a search bar with a magnifying glass icon. The main content area features a question titled 'extract POIs for a region'. The question text is: 'I am currently working on a list of available hotels in the Republic of Georgia. As the OSM-Database has lots of POIs, is it possible to access this data for that purpose? I would like to run a query to retrieve hotels with addresses, phone numbers and other details that are entered. The coordinates would not matter for my purpose.' Below the question, there is a star icon and the text: 'The result should be an Excel-file or similar table format. How can I do this? All help appreciated!'. At the bottom of the question, there are tags for 'query', 'pois', 'lists', and 'database'. In the bottom right corner, there is a timestamp 'asked 08 May '12, 12:26', a user profile picture for 'moszkva ter', and statistics '2.1k ● 22 @ 39 @ 60'.

Overpass / Postpass

- Homepage:
<https://postpass.geofabrik.de/>
- Webapp / API:
<https://overpass-turbo.eu/>
- Spatial SQL Query «Italian restaurants within BBox»:
<https://overpass-turbo.eu/s/2siQ>
- Free tutorial on OpenStreetMaps:
[OpenStreetMap-Daten extrahieren mit SQL und Postpass](#)



Some technical stuff

- On the server side, a small wrapper around PostGIS
- Currently runs on Geofabrik servers
- Couter measures
 - Against "drop table X" and so on → use read-only PostgreSQL account
 - Against "select * from everything": → first, wrap query in an EXPLAIN() (side effect: syntax check) then choose slow, medium, or fast queue – with faster queues having more workers

THANKS!

- Credits to Frederik Ramm <frederik@remote.org> for the service, the OSM data, and for the talk at «OVERPASS TURBO GOES POSTGIS», SotM EU 2025