Connect data to OpenStreetMap

Victor Shcherb  openplacereviews.org
Map apps / Audience

- OpenStreetMap: 500M
- Google Maps: 1000M
- Apple Maps: 100M
- Maps.me: 50M
- OsmAnd: 50M
- Other apps: 50M
OpenStreetMap missing blocks

- Places photos
- 3D Models
- Reviews
- SRTM
- Data to import
- Transport schedule
- Street photos
Technology

- **Open** — everyone has access to all the data
- **Community-driven** — community manages format and content
- **Decentralized** — data available everywhere way
- **Big Data** — store at least 1 TB data
### OpenDB — Blockchain or Database

<table>
<thead>
<tr>
<th>Blockchain</th>
<th>Database</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ Public Data - Replication -</td>
<td>+</td>
</tr>
<tr>
<td>+ Vertical scalability -</td>
<td>+</td>
</tr>
<tr>
<td>+ Open API -</td>
<td>+</td>
</tr>
<tr>
<td>- Optimized data access +</td>
<td>+</td>
</tr>
<tr>
<td>- Vast majority of tools +</td>
<td>+</td>
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<tr>
<td>- Centralized maintenance +</td>
<td>+</td>
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</tbody>
</table>
Places and Reviews
Place Directory and Reviews
Place Directory and Reviews

- Open Place Reviews
- Google Maps
- TripAdvisor
- Yelp
- Maps.Me
- OsmAnd

Chart showing the comparison of Place Directory and Reviews among different services.
How it could work

- Geo Apps
- OpenStreetMap
- Business owners Websites

Community

Open Place Reviews
Geo Apps provide Reviews and Data

Community

Open Place Reviews

Reviews

Photos

Open Data in OSM format

Geo Apps

Aggregated Ratings
OpenStreetMap Integration

Place tags & locations

Community

Open Place Reviews

Verified presence

opening hours, cuisine

OpenStreetMap

License sanity to work with OpenStreetMap:

- Contribution Terms - CC-0
- Blockchain / Database license - CC-0
External Web sources

Community

Open Place Reviews

Business owners own websites

Web data about places

Aggregated source links

Ratings & reviews
Current status
Where we are (timeline)

**Past**
February 2019
- Blockchain core (OpenDB)
- Initial OSM import
- Mobile client to view data
- Reviews API

**Present**
August-September 2019
- Mobile client to upload data
- Blockchain explorer
- Stable release
- Gathering community

**Future**
October-January 2020
- Web Site
- Web Crawlers
- Managing Proposals and tagging schema
Your contributions are welcome

**Developer**
- OpenDB
- Web crawlers
- Alternative bots and clients

**Administrator**
- Review changes
- Data consistency
- OSM imports

**Analytics**
- Connect to Web
- Crawlers configuration
- Define data tagging schema
Thank you!

https://openplacereviews.org
https://forum.openplacereviews.org