



Self-hosted CMS Maps

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SOURCEPOLE
Linux & Open Source Solutions





The old way

- Use Google Maps





Privacy

- Google Cookies
- GDPR





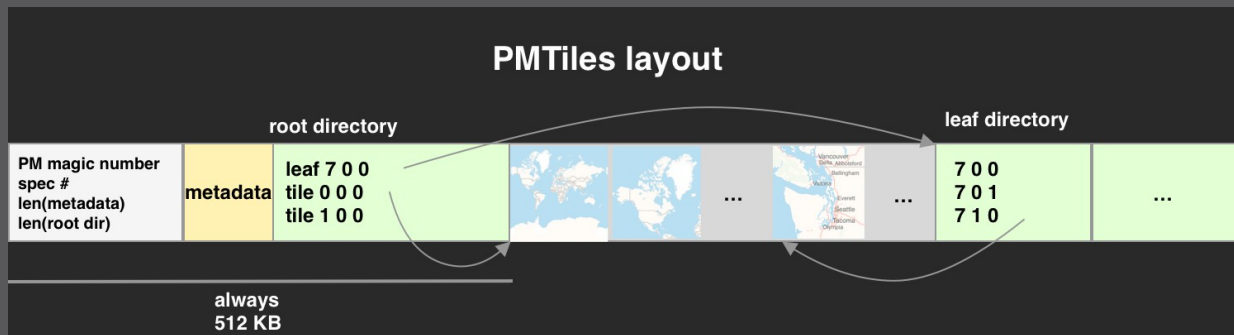
- › **Host your own map server**
 - › Requires GIS expert knowledge
 - › Custom service must be always running
- › **Serve map tiles stored on your server**
 - › On-Line Services available for getting OSM tile extracts
 - › Copy tiles to your server
 - › Webserver settings like content-type headers may be necessary





Use PMTiles

- Single-file archive format for pyramids of map tiles



- **Advantages:**
 - Raster and vector tiles
 - Optimized for HTTP Range requests
 - Fast file-based access like MBTiles

- <https://github.com/protomaps/PMTiles>



Map Viewer Support

- › OpenLayers
- › MapLibre JS





CMS

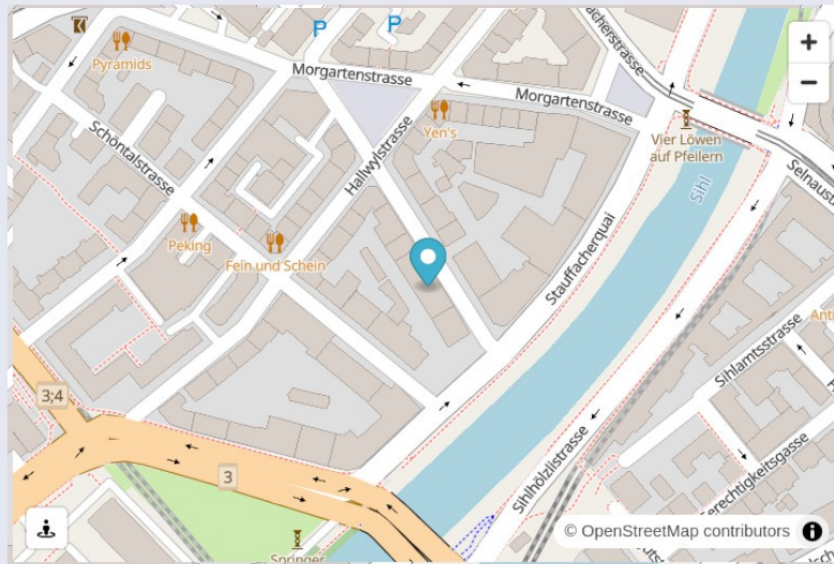
- › WordPress (95%. !?)
- › All others





Modest Map

[modest_map width=600px height=400px lng=8.52855 lat=47.37026]

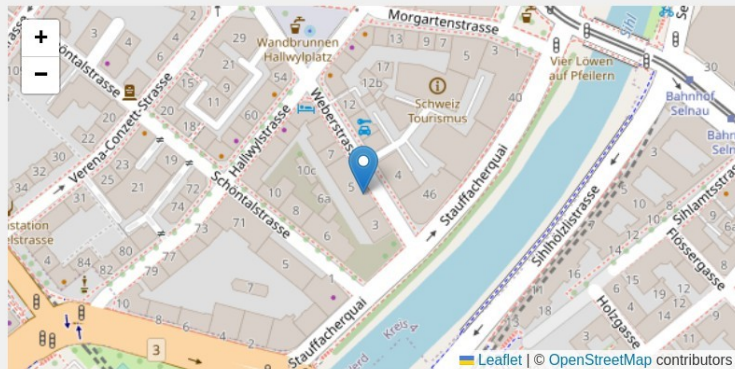




Wordpress Plugin Admin

Modest Map

Map Extract



Download Map Extract

Shortcode helper

Map Shortcode

Map Size

Width

Height

External Link Buttons

- Google Maps Satellite
 Google Street View



Extraction Service

- › Extract tiles from world-wide OSM tileset
- › Store tiles in PMTiles archive
- › World coverage Zoom Level 0-15
- › Detailed tiles 10km around center Level 16-18





Wordpress page integration


- › PMtiles file stored in local file system
- › Shortcode → HTML
- › Integrated MapLibre JS Viewer



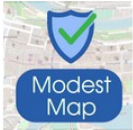


Wordpress Plugin

Plugins My Favorites Beta Testing Developers



Modest Map
Self-hosted GDPR compliant map without tracking



Modest Map
By Sourcepole

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➤ <https://wordpress.org/plugins/modest-map/>



Thank you!



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