MapsOSM Control Reference

Use OpenStreetMap for asset maps.

Reference **Controls** **Viewer** MapsOSM

The MapsOSM controls implements map functionality based on OpenStreet map provider.

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Requirements

This components runs on Windows, on RichClient and SmartClient clients.

Configuration

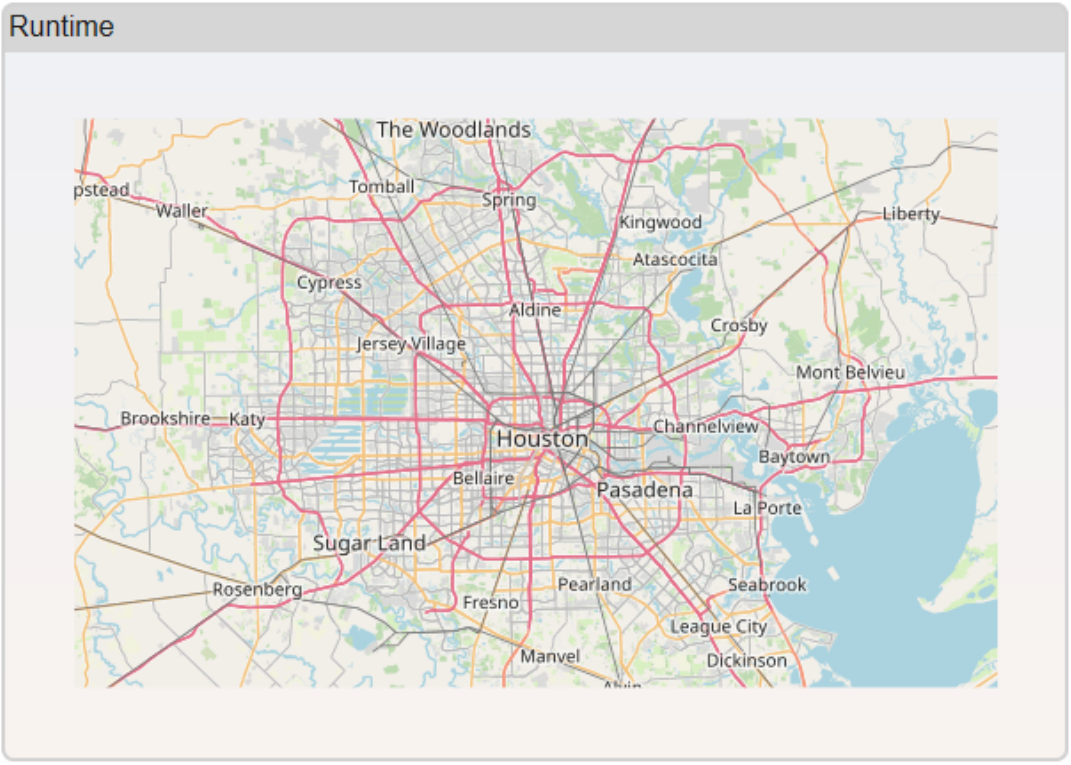
1. Go to **Displays / Draw**.
2. Select **Viewer**, then **MapsOSM**.
3. Add it to the Draw area by clicking or dragging and dropping it.
4. Double-click the object to open the setting window.

Maps configuration	
Field	**Description**
Control Name	Defines a name for the control so it can be accessed in the CodeBehind script. See Display CodeBehind.
Provider	Select the correct provider: • OpenStreetMap • GogleMaps
Zoom	Sets the Zoom.
Title	Name to be shown on the component.
Tooltip	Enables Tooltip.
GEOJSON	GEO JSON file.
Initial Position Latitude	Enter the desired Latitude in this field.
Initial Position Longitude	Enter the desired Longitude in this field.
Marker Settings	Enables marker settings.
Marker Settings Width	Sets the marker width.
Marker Settings Height	Sets the marker height.

Runtime Execution

When the solution runs, the MapsOSM Control displays the selected map provider's map. Users can interact with the map, zoom in and out, and view tooltips if enabled. The initial position is set based on the configured latitude and longitude. Marker settings, if configured, display markers with specified dimensions. The control's name allows access in the CodeBehind script for further customization.

In an industrial setting, a user might use the MapsOSM to monitor the geographic distribution of assets, such as machinery or vehicles. For instance, a logistics company can display real-time locations of its fleet on a map. The user configures the control by selecting the map provider, setting the initial position, and enabling markers to represent each vehicle. When the solution runs, the map shows the current positions of the fleet, allowing the user to track movements and optimize routes. The control's name allows access in the CodeBehind script for further customization.



See Also

- GIS File Tag Importer — import tags and device points from GeoJSON, Shapefile, or KML/KMZ files. Useful when you want to populate the map's underlying tag model from GIS data you already have.
- GIS/CAD Display Generator — automatically generate Display pages with symbols positioned at coordinates from GIS or CAD files. An alternative to the MapsOSM control when you want a canvas-based overview rather than an interactive map.

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