About me

Sergej Schwabauer

Lead Developer at AURUM GmbH (Germany)

I have been developing on Microsoft technologies for more than 13 years, especially in SharePoint / Microsoft 365.

I have a blog where I regularly write about mainly SharePoint and TypeScript. There I also publish my npm packages or my open-source solutions.

AURUM

SPFxAppDev

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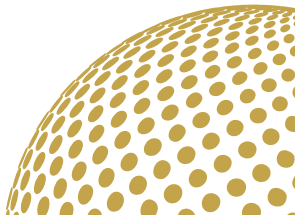
https://spfx-app.dev

Agenda

1. Interactive (world) map webpart
   - Idea & Highlights
   - Used Technology/Packages
   - Demo
   - Summary
2. Links



Idea & Highlights

- Idea: a (world) map webpart with the ability to add custom markers and a variety of configuration options

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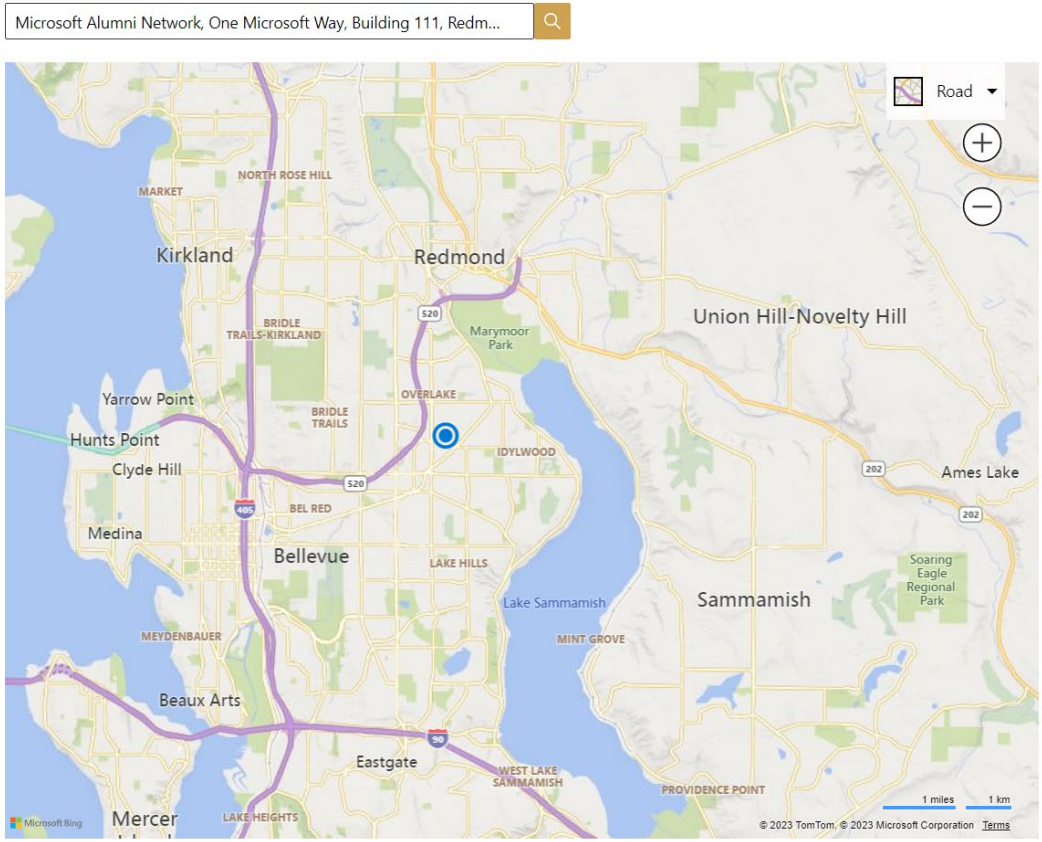
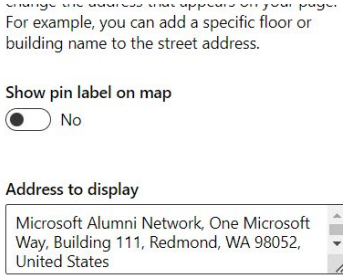




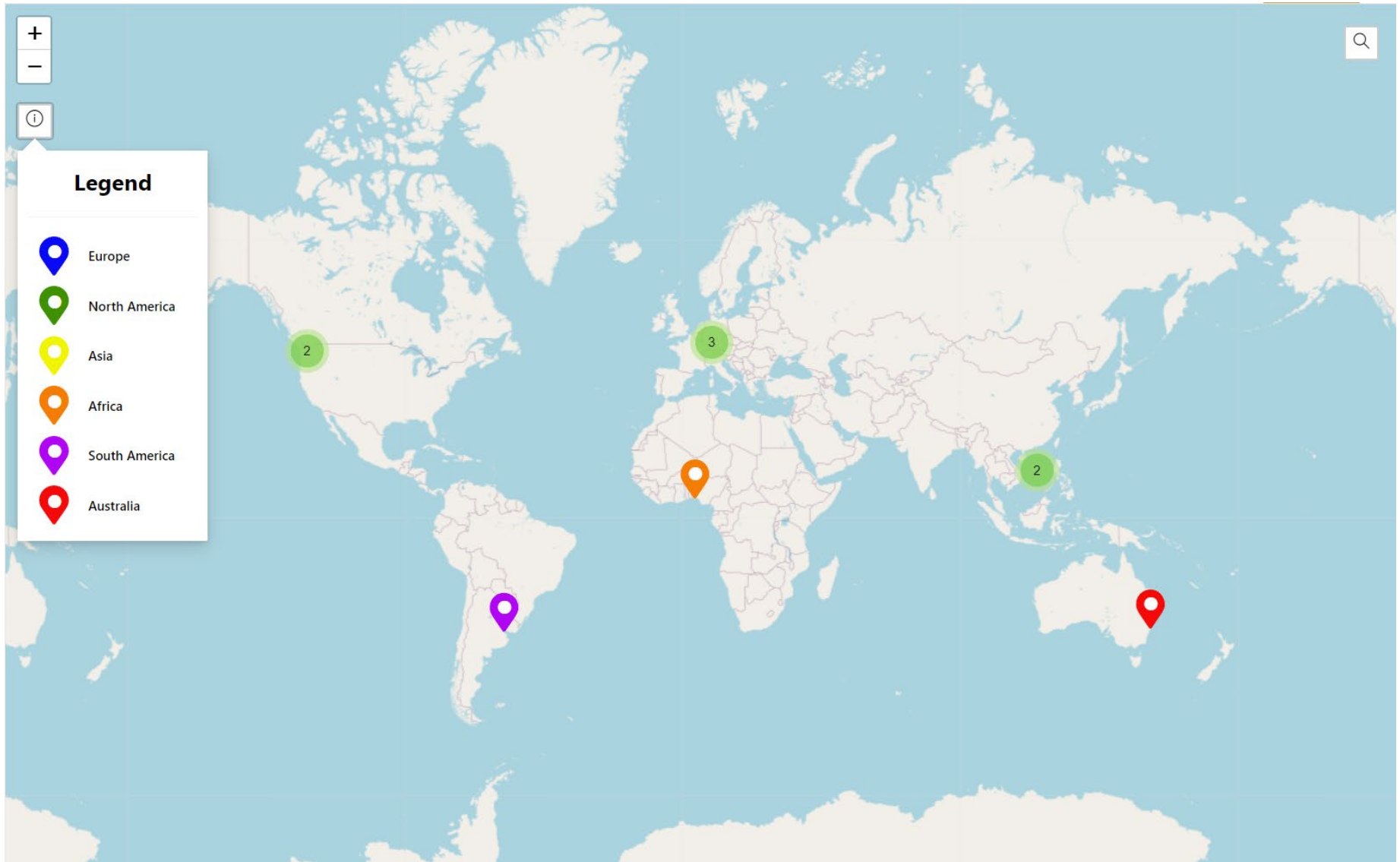
OOTB Bing Maps webpart

Idea & Highlights

- Idea: a (world) map webpart with the ability to add custom markers and a variety of configuration options

- Highlights:
  - Place as many markers as you want
  - Marker tooltip on hover
  - Configure Pin color, Icon, Icon color, click behavior
  - Cluster markers
  - Change the “look and feel” of the maps tile layer
  - And more features: Static map, start position, zoom configuration, categories, legend

Interactive map webpart



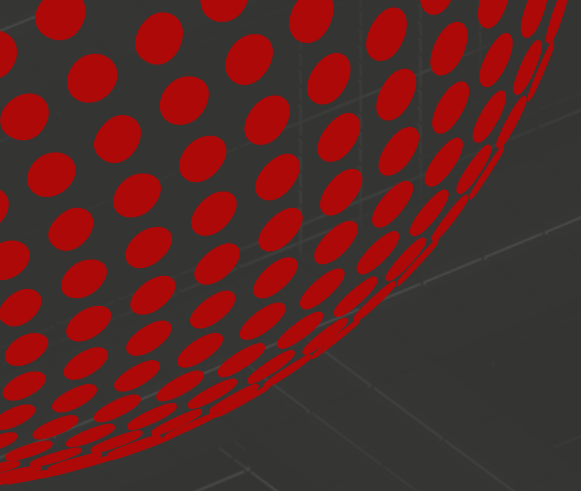
Used Technology/Packages

- SPFx v1.14
- Fluent UI
- Open Street Map & Leaflet JS library (+ react packages for leaflet)
- Leaflet Marker Cluster Plugin (+ react packages fot this plugin)
- PnP Controls & Property Controls

- Effort: ~24h

DEMO
shift

Links

Interactive map webpart

- (My) GitHub repository: https://github.com/SPFxAppDev/sp-map-webpart
- PnP Samples Repository: https://github.com/pnp/sp-dev-fx-webparts/tree/main/samples/react-interactive-map
- Blog post: https://spfx-app.dev/my-interactive-maps-app-for-microsoft-teamssharepoint