

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.



[SPFxAppDev](https://github.com/SPFxAppDev)



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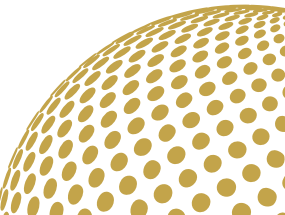
[@spfxappdev](https://twitter.com/spfxappdev)



<https://spfx-app.dev>

Agenda

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



Idea & Highlights

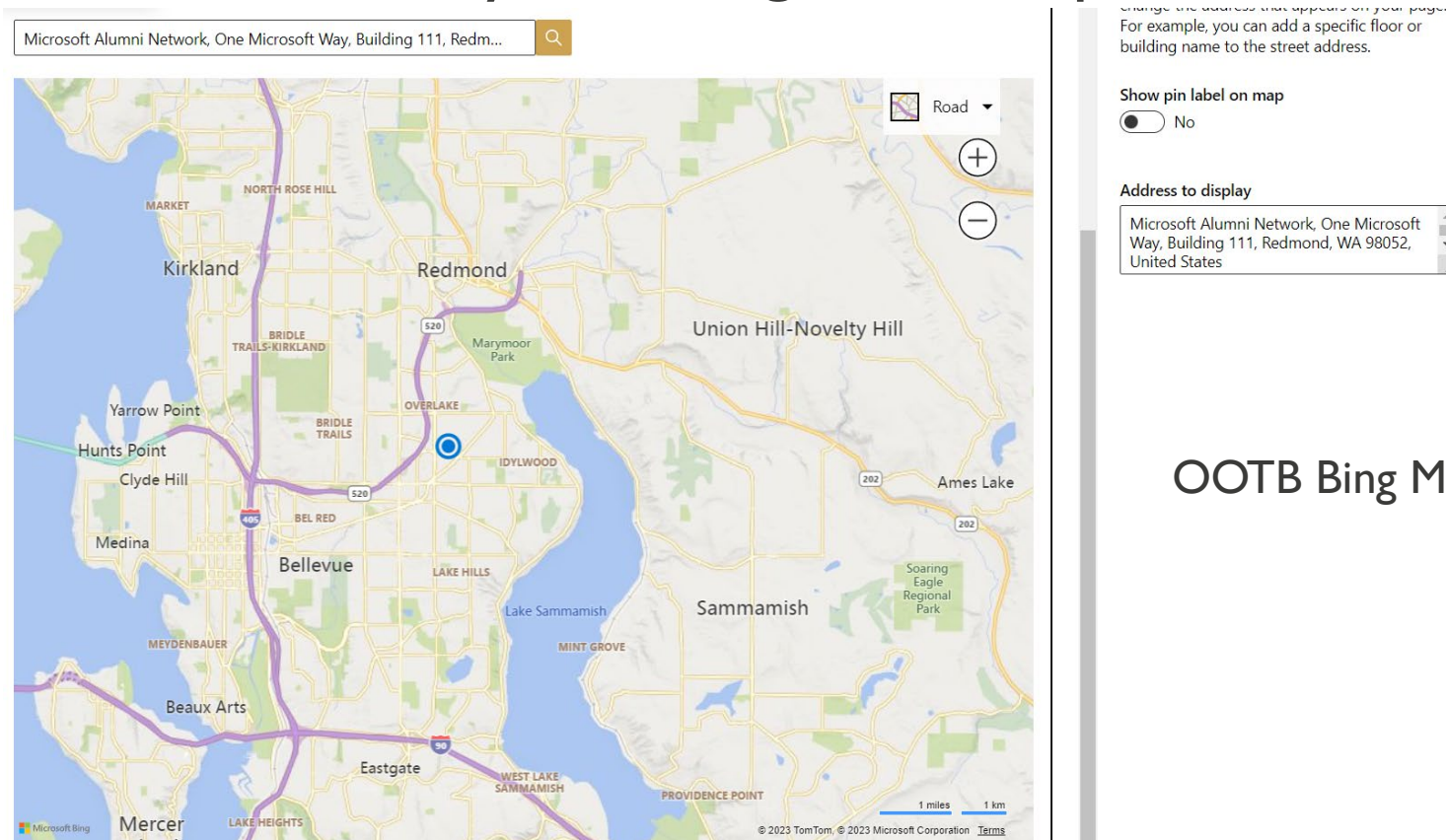


- ▶ Idea: a (world) map webpart with the ability to add custom markers and a variety of configuration options

Idea & Highlights



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



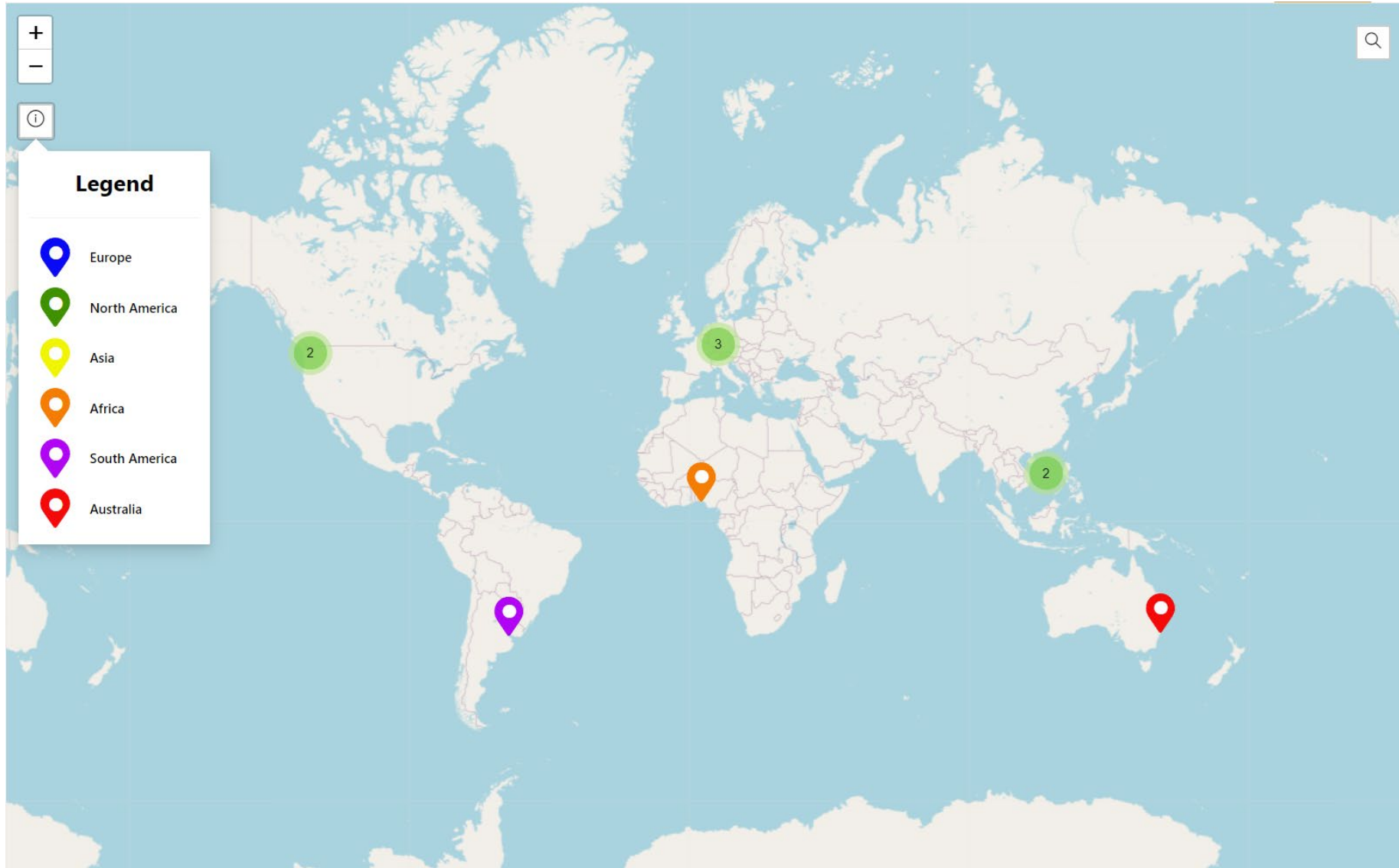
OOTB Bing Maps webpart

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 for this plugin)
- ▶ PnP Controls & Property Controls

- ▶ Effort: ~24h

A close-up photograph of a white computer keyboard. A single black key is prominently placed in the center, featuring the word "DEMO" in white, bold, sans-serif capital letters. The key is slightly raised and has a glossy finish. Surrounding it are several white keys with standard symbols: curly braces, a comma/quote, and a shift key. The lighting is soft, creating subtle shadows and highlights on the keys' surfaces.

DEMO

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>



Thank you ;)