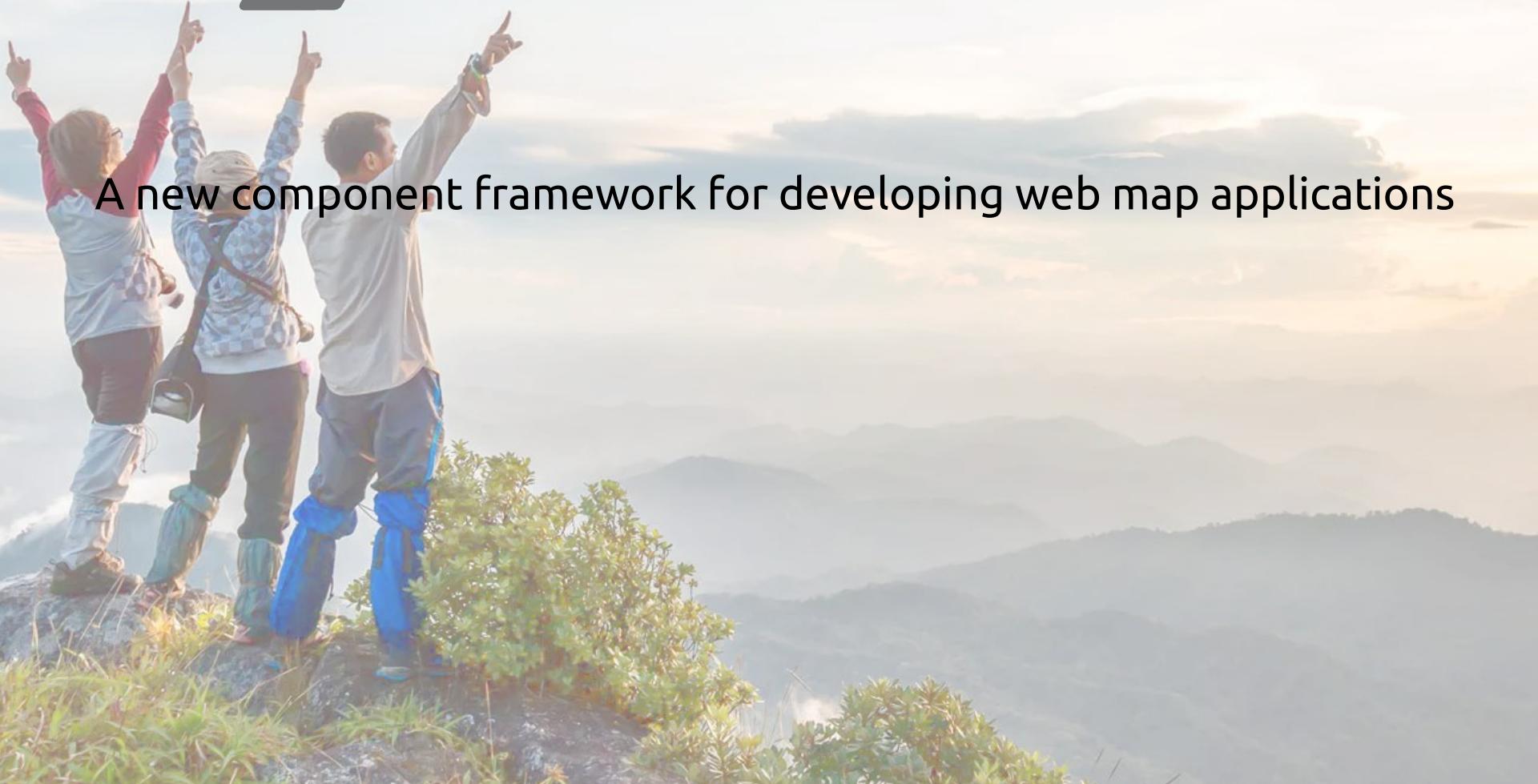




MapComponents

A new component framework for developing web map applications



WhereGroup



WhereGroup GmbH

40+ employees - developers, consultants & geospatial experts

Working with & supporting Open Source Geospatial Software for more than 15 years

Berlin | Bonn | Freiburg | Hamburg

We are hiring!



MapComponents, a new component framework for developing web map applications

The screenshot shows the official website for MapComponents. At the top, there's a navigation bar with the MapComponents logo, language links (EN | DE), and a star icon. The main title "MapComponents" is in large blue letters, followed by "Next Generation WebGIS". Below this, a subtitle reads "A react component framework for GIS application development by WhereGroup GmbH". There are two search/filtering boxes: "FILTER" on the left and "Search" on the right. The main content area displays eight examples of MapComponents as cards:

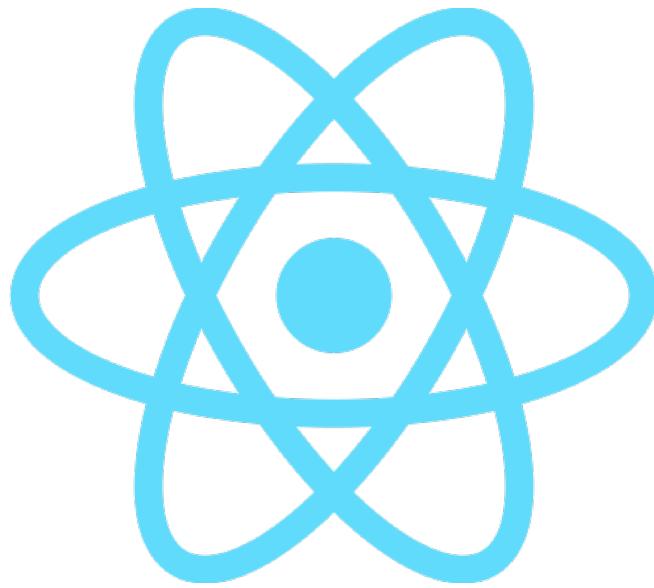
- Export PDF: Shows a map with a download icon.
- Sketch tools: Shows a map with a sketching tool interface.
- Simple 3D buildings: Shows a 3D rendering of a city block.
- GPS tracker: Shows a map with a location marker and a circular heatmap.
- GeoJSON layer: Shows a map with a green overlay layer.
- GPX viewer: Shows a map with a red line representing a GPX track.
- Map magnifier: Shows a zoomed-in view of a map area.
- Map curtain: Shows a map with a vertical overlay.

- MapComponents is a modular React component framework for declarative GIS application development
- MIT licensed
- <https://www.mapcomponents.org>
- <https://github.com/mapcomponents>

MapComponents is built upon and extends React



MapComponents



+

MapLibre

OpenLayers

...

<https://reactjs.org/>

Application Example: WebGIS

<https://www.mapcomponents.org/en/demo/AppWebGis/dashboard>

Application Example: Dashboard

 running contest

Anzeigedatum:
9. Juli 2021

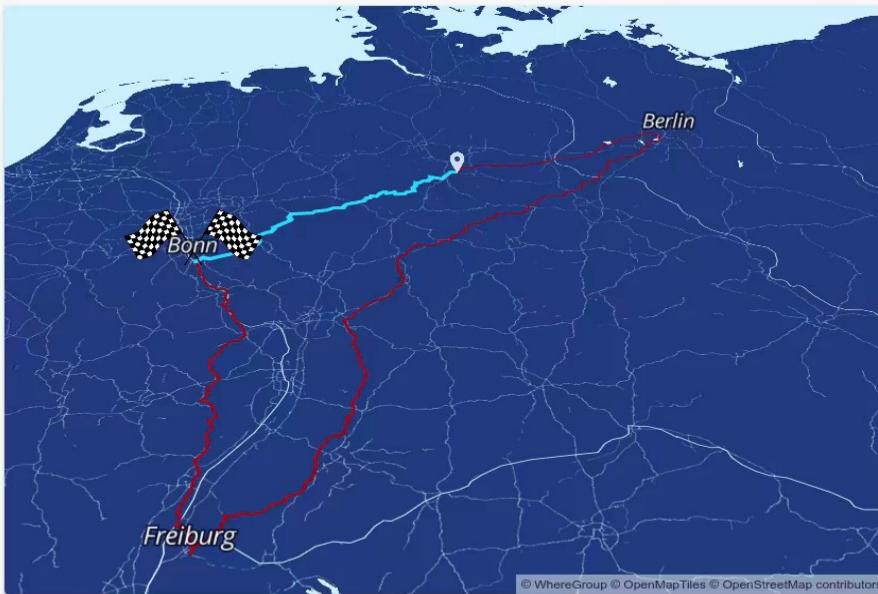
Gelaufene Kilometer:
312,75 km von 1.751,3 km

Team Bonn:
18,20 km / pP

Team Berlin:
5,00 km / pP

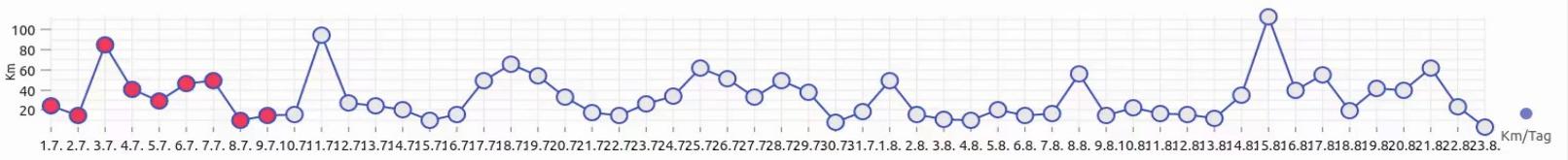
Team Freiburg:
24,95 km / pP

Hamburg:
20,99 km / pP



Dark Mode

Rang	Teilnehmer	Distanz (km)
1.	Botghak	74,48 km
2.	Yaggzit	50,8 km
3.	Kaknuuk	37,94 km
4.	Shukgak	33,41 km
5.	Lagbalg	28,06 km
6.	Snatvark	20,99 km
7.	Yadlikk	15,59 km
8.	Muglok	13,1 km


Km/Tag

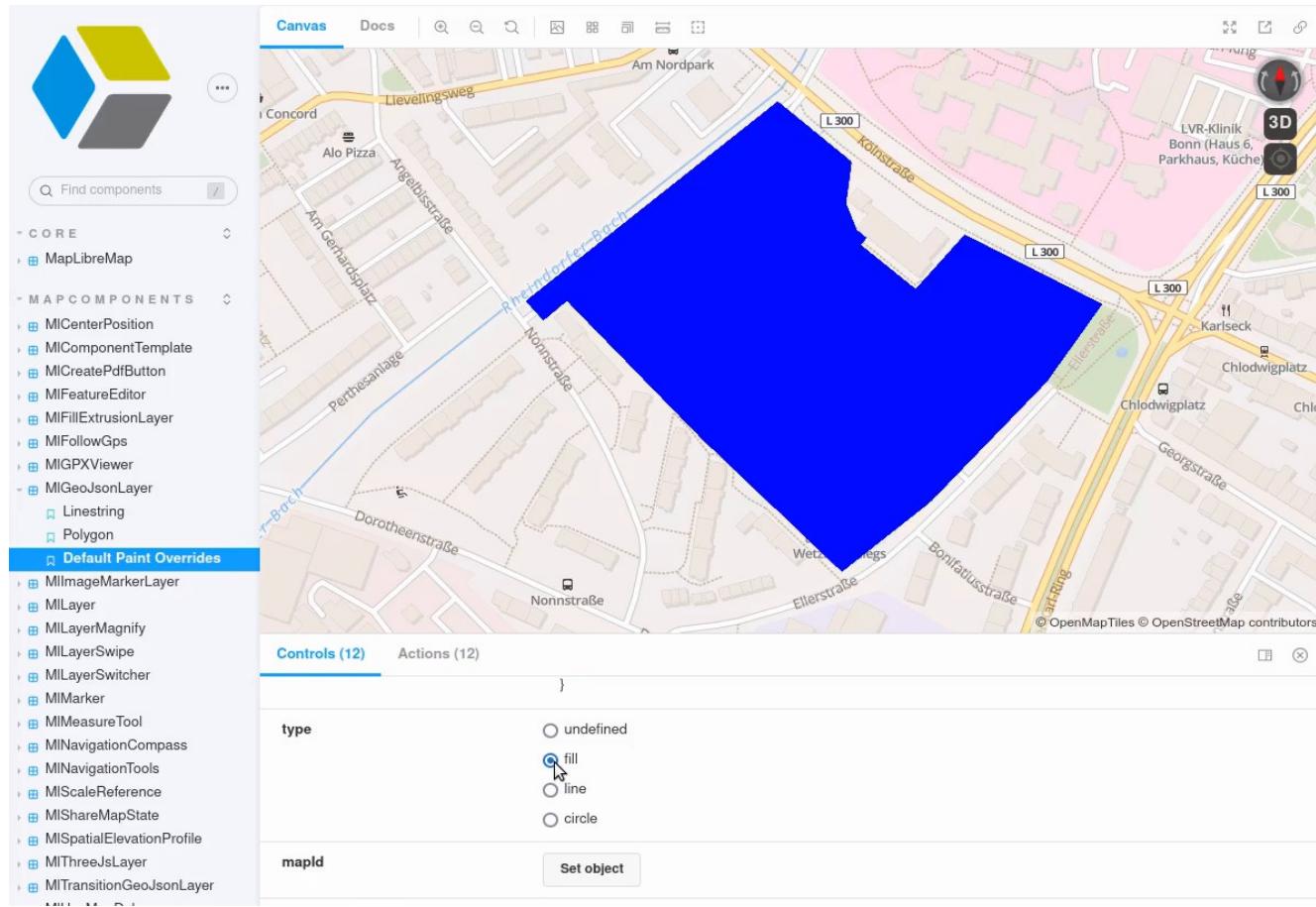
<https://www.mapcomponents.org/en/demo/AppRunningContest/dashboard>

Component Example: Magnifier



<https://www.mapcomponents.org/en/demo/MILayerMagnify/mapcomponents-mllayermagnify--example-config>

Use the Storybook to interactively explore the components



<https://mapcomponents.github.io/react-map-components-maplibre/?path=/story/mapcomponents-mlgeojsonlayer--default-paint-overrides>

Current state and goals

- Very active development
- Used for several customer projects already
- Recently migrated to TypeScript
- Server-side components for backend services



MapComponents

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- <https://www.mapcomponents.org>
- <https://github.com/mapcomponents>
- <https://twitter.com/MapComponents>
- Play around at <https://codesandbox.io/s/base-template-n0vp9>

