

# Versteckte Schätze

- neue und weniger bekannter Feature in



# Mapbender

Astrid Emde WhereGroup

Where2B Konferenz 2022 Bonn

Folien

<https://github.com/astroidex/presentations/tree/master/Where2B2022>

## Astrid Emde

GIS-Consultant  
FOSS-Academy-Schulungen

Mapbender PSC  
OSGeoLive PSC  
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WhereGroup GmbH  
Standort Bonn



# Mapbender 3.3.3 (02.12.2022)

- Symfony 4.4
- OpenLayers 6
- PHP  $\geq 7.4$
- Sprache orientiert an Browsereinstellung

# Navigation

← → ↻ 🏠 schulung.foss.academy/mapbender-release/application/mapbender\_user\_demo?#825@7.09202/50.72483r0@EPSG:25832

Mapbender

**Ebenenbaum**

- Mapbender Users
- OSM Demo

**Skizzen**

- Koordinaten Utility
- About Mapbender

Scale 1 : 825

ETRS89 / UTM zone 32N 825 Mapbender User Demo © OpenStreetMap contributors powered by Mapbender

# Kartenzustand merken



Mapbender

Anwendungen

Datenquellen

Sicherheit

Impressum

Datenschutz

zur Startseite

Angemeldet als: root

## Mapbender User Demo

**Basisdaten**

Layouts

Layerset

CSS

Sicherheit

Anzeigen

Titel \*

Mapbender User Demo

URL Titel \*

mapbender\_user\_demo

Vorschau bild

Datei auswählen screenshot.png



Karten-Engine \*

OpenLayers 6

Beschreibung

Full desktop application showing most of the standard Mapbender elements

Kartenzustand merken

Speichern Abbrechen

# Ansichtsverwaltung

Mapbender

Ebenenbaum  
Skizzen  
Koordinaten Utility  
About Mapbender  
Ansichtsverwaltung

Poppelsdorfer Schloß Bonn

Als öffentlichen Eintrag speichern

Titel	Datum
Poppelsdorfer	2022-12-12

Titel: Poppelsdorfer Schloß E  
Datum: 2022-12-12

Öffentlicher Eintrag

Schließen Überschreiben

## Element bearbeiten

Titel: Ansichtsverwaltung

Private Liste anzeigen  
 Datum anzeigen  
 Anonyme Besucher dürfen speichern

Öffentliche Liste: Speichern erlauben

Hinweis: Administratoren dürfen öffentliche Einträge immer löschen.

Speichern Abbrechen

















































ETRS89 / UTM zone 32N

# Desktop & Mobile



# Desktop & Mobile

## Obere Werkzeugleiste

Titel	Typ	
Information	Button	
Druck	Button	
Bildexport	Button	
Legende	Button	
WMS laden	Button	     
GPS-Position	GPS-Position	     
Messen	Button	     
Messen	Button	     
Info-Dialog	Über-Mapbender-Dialog	     
MeetingPoint (POI)	Button	     
URL teilen	URL teilen	     
Ansicht zurücksetzen	Ansicht zurücksetzen	     

Vorlage: Fullscreen

Bildschirmtyp **Alle**

Ausrichtung\* **Rechts**

Schaltflächen zu Menü zusammenfassen

Menütitel

## Sidepane

Titel	Typ	
Ebenenbaum	Ebenenbaum	
Skizzen	Skizzen	
Koordinaten Utility	Koordinaten Utility	
About Mapbender	HTML	
Ansichtverwaltung	Ansichtverwaltung	

Typ **Akkordeon**

Bildschirmtyp **Alle**

Breite **Alle**

Position **Desktop**

Geschlossen starten

## Kartenbereich

Titel	Typ	
-------	-----	--



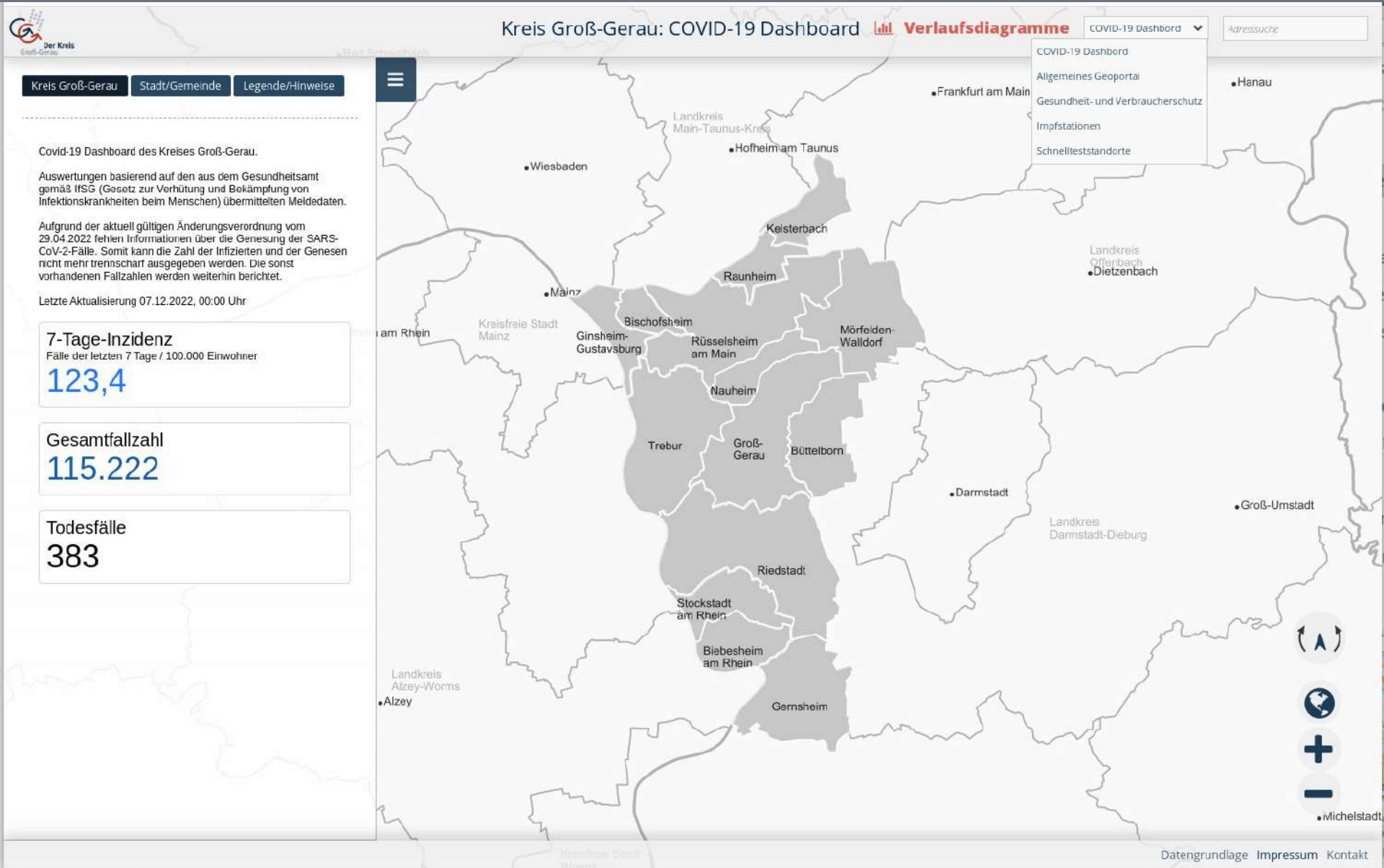
# Menü

GEOPORTAL des Kreises Groß-Gerau Hintergrund ETRS89 - UTM Zone 32N (25832) 200000 Allgemeines Geoportal Adresssuche

- Themenauswahl
- Themensuche
- Suche
- Infoabfrage
- Legende
- PDF Druck erstellen
- Linie messen
- Fläche messen
- Skizzen
- Export Karte als Bild
- Themen (WMS) laden
- Treffpunkt
- Koordinatenwerkzeug
- GPS Position
- URL teilen
- Übersicht Anwendungen

485517 | 5550952 Datengrundlage Kontakt Impressum

# Anwendungswechsler



# Elemente im Kartenbereich

- Suche
- BaseSourceSwitcher
- Koordinatenanzeige

# Elemente im Kartenbereich – Einfache Suche

The screenshot displays the Mapbender web interface. At the top, a navigation bar includes the Mapbender logo and several utility icons: 'Ansicht zurücksetzen', 'Information', 'Image Export', 'Legende', 'WMS laden', 'GPS-Position', 'Messen', and another 'Messen' icon. A search bar on the right contains the text 'Suche nach Adresse' and a magnifying glass icon. Below the search bar is a 'Radius eingeben' button.

On the left side, there is a sidebar with the title 'Ebenenbaum'. It contains a list of layers with checkboxes: 'Themen', '1 Mapbender Users', 'Touristik und Freizeit', and 'WMS NW TFIS'. Below this sidebar are several utility buttons: 'Druck', 'Sketch', 'Koordinaten Utility', 'About Mapbender', and 'BasesourceSwitcher'.

The main area of the interface is an aerial satellite map of a campus. The campus features a central circular building surrounded by a grid of paths and green spaces. To the right of the map, there is a vertical toolbar with icons for navigation (compass, home, zoom in, zoom out, full screen) and a small inset map in the bottom right corner showing the current location within a larger regional context.

At the bottom of the interface, there is a status bar containing the text 'Imprint & Contact', 'Privacy-Policy', a coordinate indicator 'x: -y: -', a dropdown menu showing 'ETRSXX89', another dropdown showing '771', a dropdown menu showing 'Mapbender Demo NRW with many elements in action Where2B', and the text '© OpenStreetMap contributors'. In the bottom right corner, there is a logo and the text 'powered by Mapbender'.

# Elemente im Kartenbereich – Einfache Suche

The screenshot displays the Mapbender web interface. At the top, the 'Mapbender' logo is on the left, and a navigation bar contains icons for 'Ansicht zurücksetzen', 'Information', 'Image Export', 'Legende', 'WMS laden', 'GPS-Position', 'Messen', and 'Radius eingeben'. On the left side, there is a sidebar menu with categories: 'Ebenenbaum', 'Druck', 'Sketch', 'Koordinaten Utility', 'About Mapbender', and 'BasesourceSwitcher'. Below this, a 'Karten' section lists map styles: OSM, OSM + Overlay, Raumbezug, Bodenbewegungsgebiete, Luftbilder, Orthophotos (selected), DOP + Overlay, nur Overlay, DOP Colorinfrarot, and kein Hintergrund. The main area shows an aerial orthophoto of a city center with a search dropdown menu open. The search input contains 'Venusbergweg Bonn 2'. The dropdown list shows several results with their full addresses and postal codes (e.g., 'Venusbergweg 2, 53115 Bonn ->PLZ: 53115 sowie Bonn'). A vertical toolbar on the right side of the map includes icons for zooming and other map controls. At the bottom right, there is a small inset map showing the current location within a larger regional context, with labels for 'Südstadt' and 'Poppelsdorf'. The footer contains links for 'Imprint & Contact' and 'Privacy-Policy', a coordinate display 'x: - y: -', a map style selector 'ETRSXX89', a zoom level '1511', a map title 'Mapbender Demo NRW with many elements in action Where2B', a copyright notice '© OpenStreetMap contributors', and the 'powered by Mapbender' logo.

# Elemente im Kartenbereich – Einfache Suche

The screenshot shows the Mapbender web interface. In the background, the 'Kartenbereich' (Map Area) is visible with a list of elements including 'Karte', 'Adresssuche', 'Navigationswerkzeug', 'Legende', 'Information', 'WMS laden', 'Image export', 'Linie', 'Fläche', 'Maßstabsleiste', 'Übersicht (overview)', 'Maßstabsanzeige', 'MeetingPoint (POI)', and 'Radius eingeben'. The 'Adresssuche' element is selected. A modal dialog titled 'Element bearbeiten' (Edit Element) is open in the foreground, displaying the configuration for the search element. The dialog contains the following fields:

- Title: Adresssuche
- Position \*: Oben rechts
- Platzhalter: Suche nach Adresse
- Query URL \*: `http://geodaten.metropoleruhr.de/suche?wt=json&indent=true&rows=20`
- Query URL key \*: q
- Query Whitespace replacement pattern \*
- Query key format \*: %s
- Token (JavaScript regex): `[^a-zA-Z0-9äöüÄÖÜß]`
- Token search (JavaScript regex): `([a-zA-ZäöüÄÖÜß]{2,})`
- Token replace (JavaScript regex): \$1\*
- Collection path: response.docs
- Label attribute \*: `${text} -> PLZ: ${plz} sowie ${onm}`
- Geom attribute \*: utm32
- Geom format \*: WKT
- Quell-SRS: EPSG:25832
- Delay \*: 300
- Result buffer \*

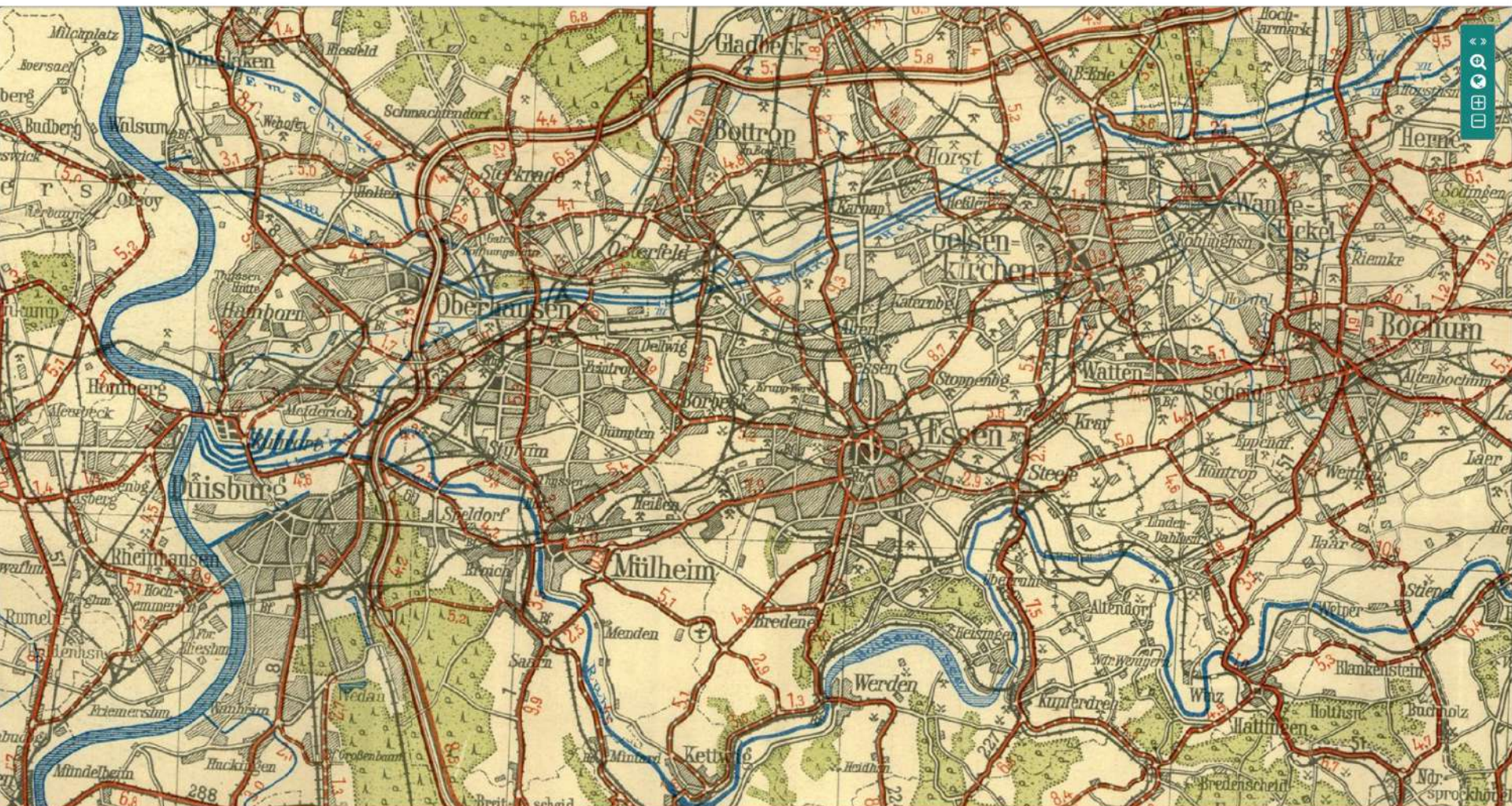
At the bottom of the dialog are two buttons: 'Speichern' (Save) and 'Abbrechen' (Cancel).

# BaseSourceSwitcher Styling via [data-title]

METROPOLE  
RUHR



Historischer Stadtplan



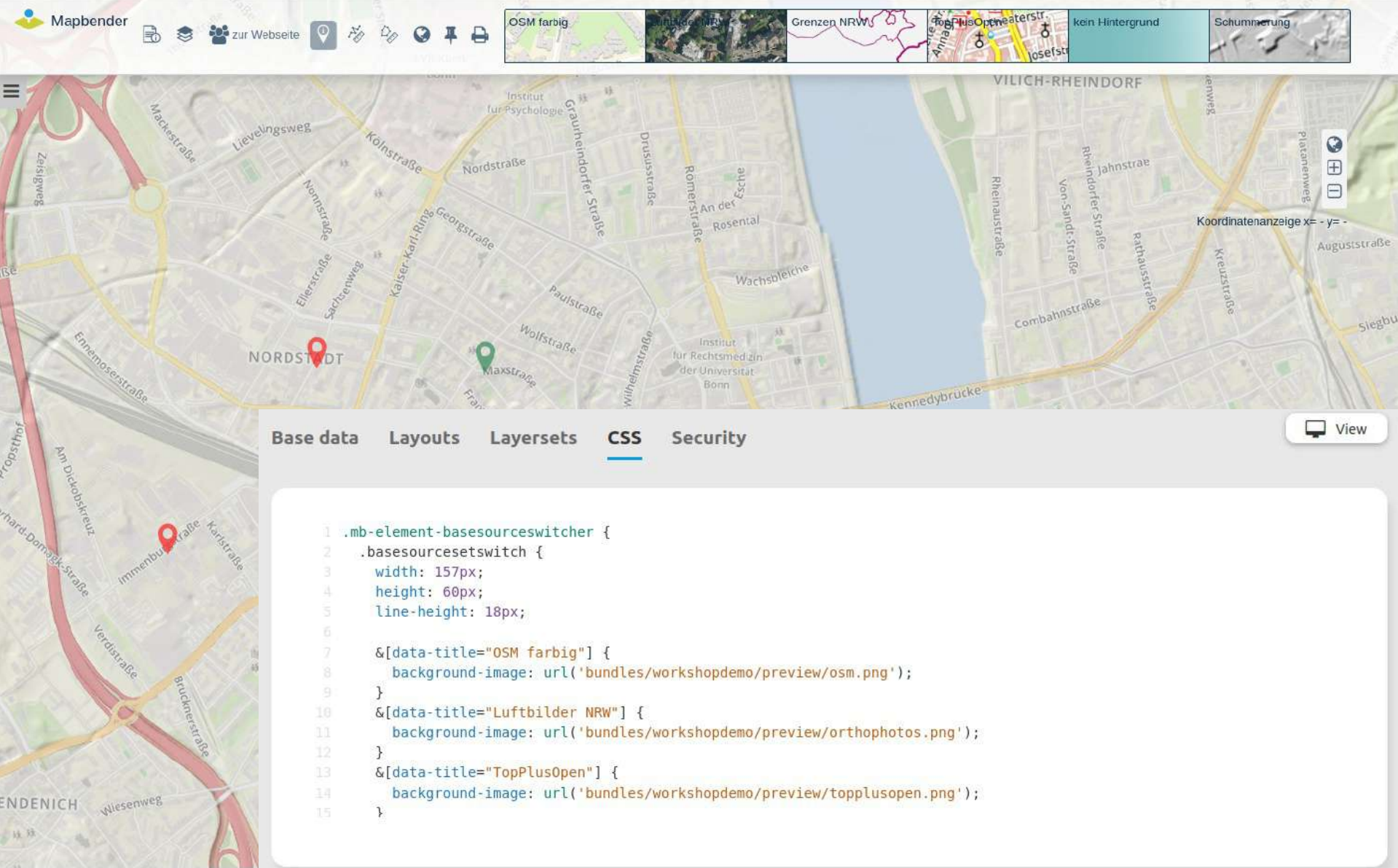
x - y -

Maßstab: 1 : 100000

Impressum / Datenschutz

REGIONALVERBAND  
RUHR

# BaseSourceSwitcher Styling via [data-title]



The screenshot displays the Mapbender web interface. At the top, there's a toolbar with icons for home, layers, user profile, location, and other map functions. Below the toolbar is a row of five preview thumbnails for the BaseSourceSwitcher widget, each with a different data-title: 'OSM farbig', 'Luftbilder NRW', 'Grenzen NRW', 'TopPlusOpen', and 'kein Hintergrund'. The main map area shows a street map of Bonn, Germany, with a red location pin at 'NORDSTADT'. The BaseSourceSwitcher widget is positioned at the bottom of the map, showing the 'OSM farbig' tab selected. Below the widget, the CSS code for styling it is provided.

```
1 .mb-element-basesourceswitcher {  
2   .basesourceswitch {  
3     width: 157px;  
4     height: 60px;  
5     line-height: 18px;  
6  
7     &[data-title="OSM farbig"] {  
8       background-image: url('bundles/workshopdemo/preview/osm.png');  
9     }  
10    &[data-title="Luftbilder NRW"] {  
11      background-image: url('bundles/workshopdemo/preview/orthophotos.png');  
12    }  
13    &[data-title="TopPlusOpen"] {  
14      background-image: url('bundles/workshopdemo/preview/topplusopen.png');  
15    }  
}
```



# Drag & Drop von Konfigurationen

Mapbender Anwendungen Datenquellen Sicherheit Impressum Datenschutz zur Startseite Angemeldet als: root

## Element bearbeiten

Warteschleife \* global

Quality levels

Dpi 72 Label Draft (72dpi)

Dpi 288 Label Document (288dpi)

Templates \*  
+

Template a4portrait

Label A4 Portrait

Template a4landscape

Label A4 Landscape

Template a3landscape

Label A3 Landscape

Template a3portrait

Label A3 Portrait

Optional fields

title:  
label: Title  
options:  
required: true

Pflichtfelder ganz oben anzeigen

Speichern Abbrechen

# Skizzen Kreis mit Farbauswahl

The screenshot displays the Mapbender web application interface. On the left, there is a sidebar with a menu titled "Ebenenbaum" (Layer Tree) containing "Skizzen" (Sketches). Below this are drawing tools for lines, circles, and rectangles. A "Beschriftung" (Label) section includes a color picker and a text input field. A list of sketched elements is shown, including "Kreis 1", "Kreis 2", "Punkt 3", "Punkt 4", "Kreis 6", "Polygon 7", "Linie 10", and "Rechteck (Text)". At the bottom left, there are links for "Koordinaten Utility" and "About Mapbender".

The main map area shows a street map with several sketched elements: two green circles, a pink line, a blue circle, a yellow polygon, and a pink rectangle labeled "Text".

On the right, a panel titled "Element bearbeiten" (Edit Element) is open, showing configuration options for the selected element. The options include:

- Automatisches Aktivieren
- Beim Schließen deaktivieren
- Title: Skizzen
- Geometrytypes: Punkt, Linie, Polygon, Rechteck
- Farben: #ff3333, #3333ff, #44ee44, #f00ff, #ffff00, #c0c0c0
- Farbanpassung erlauben

At the bottom right of the panel are "Speichern" (Save) and "Abbrechen" (Cancel) buttons. The bottom of the interface shows the coordinate system "ETRS89 / UTM zone 32N" and a scale bar.

# Skizzen mit Radiusangabe

The screenshot displays the Mapbender web application interface. The main map area shows a street map with several sketches: a large blue circle with a radius of 15m, two smaller green circles, a yellow polygon, a pink square labeled 'Text', and a pink line. A configuration panel for the selected circle sketch is open, showing the following fields:

- Beschreibung: 15m
- Radius: 15 m
- Schließen button

The interface includes a top navigation bar with icons for home, print, camera, layers, location, and other functions. The left sidebar contains a 'Ebenebaum' (layer tree) with 'Skizzen' selected, and a 'Beschriftung' (labeling) section. The bottom status bar shows the coordinate system (ETRS89 / UTM zone 32N), scale (500), and map style (Demo). The Mapbender logo and 'powered by Mapbender' text are also visible.

# Skizzen mit Radiusangabe

Mapbender

Ansicht zurücksetzen Information Image Export Legende WMS laden GPS-Position Messen Messen Suche nach Adresse Radius eingeben

Radius eingeben

Beschriftung: 7m

Radius: 7 m

Kreis (7m)

Schließen

Druck

Sketch

Koordinaten Utility

About Mapbender

BasesourceSwitcher

Imprint & Contact Privacy-Policy x: - y: - ETRSXX89 771 Mapbender Demo NRW with many elements in action Where2B © OpenStreetMap contributors powered by Mapbender

# Druckwarteschleife

## Druck

Einstellungen Druckaufträge

#	Erzeugt	Status	
18	11.11.2020 10:56:00	in Warteschleife	⚙️ ✖️
17	6.11.2020 14:13:52	fertig	🖨️ ✖️
16	6.11.2020 13:12:24	fertig	🖨️ ✖️
13	6.11.2020 12:11:48	fertig	🖨️ ✖️
12	6.11.2020 12:07:49	fertig	🖨️ ✖️
11	6.11.2020 12:06:38	fertig	🖨️ ✖️
10	6.11.2020 12:02:19	fertig	🖨️ ✖️
9	6.11.2020 12:02:11	fertig	🖨️ ✖️
8	6.11.2020 12:00:21	fertig	🖨️ ✖️
7	6.11.2020 11:59:36	fertig	🖨️ ✖️
6	6.11.2020 11:58:38	fertig	🖨️ ✖️

Ebenenbaum

Redlining

Koordinaten Utility

About Mapbender

The screenshot shows the Mapbender interface with a map of Bonn. A red dashed box highlights a specific area on the map. The 'Element bearbeiten' dialog box is open, showing the following settings:

- Title: Druck
- Target: Karte
- Scales: 500,1000,5000,10000,25000
- Drehbar
- Legende drucken
- Legenden checkbox aktiv
- File prefix: mapbender
- Modus: Warteschleife
- Warteschleife: privat
- Quality levels: 72 (Label: Draft (72dpi)), 288 (Label: Document (288dpi))
- Templates: a4portrait (Label: A4 Portrait)

# Druck Ausgabe Benutzers & mehr

Mapbender **Anwendung: Mapbender Demo Where2B Benutzer: Astrid Emde** Ansicht zurücksetzen Information Legende WMS laden Messen Messen Radius eingeben

Suche nach Adresse

**Druck**

Vorlage \*  
A4 Portrait mit Feature Data

Qualität \*  
Document (288dpi)

Maßstab \*  
1:1000

Drehung \*  
0

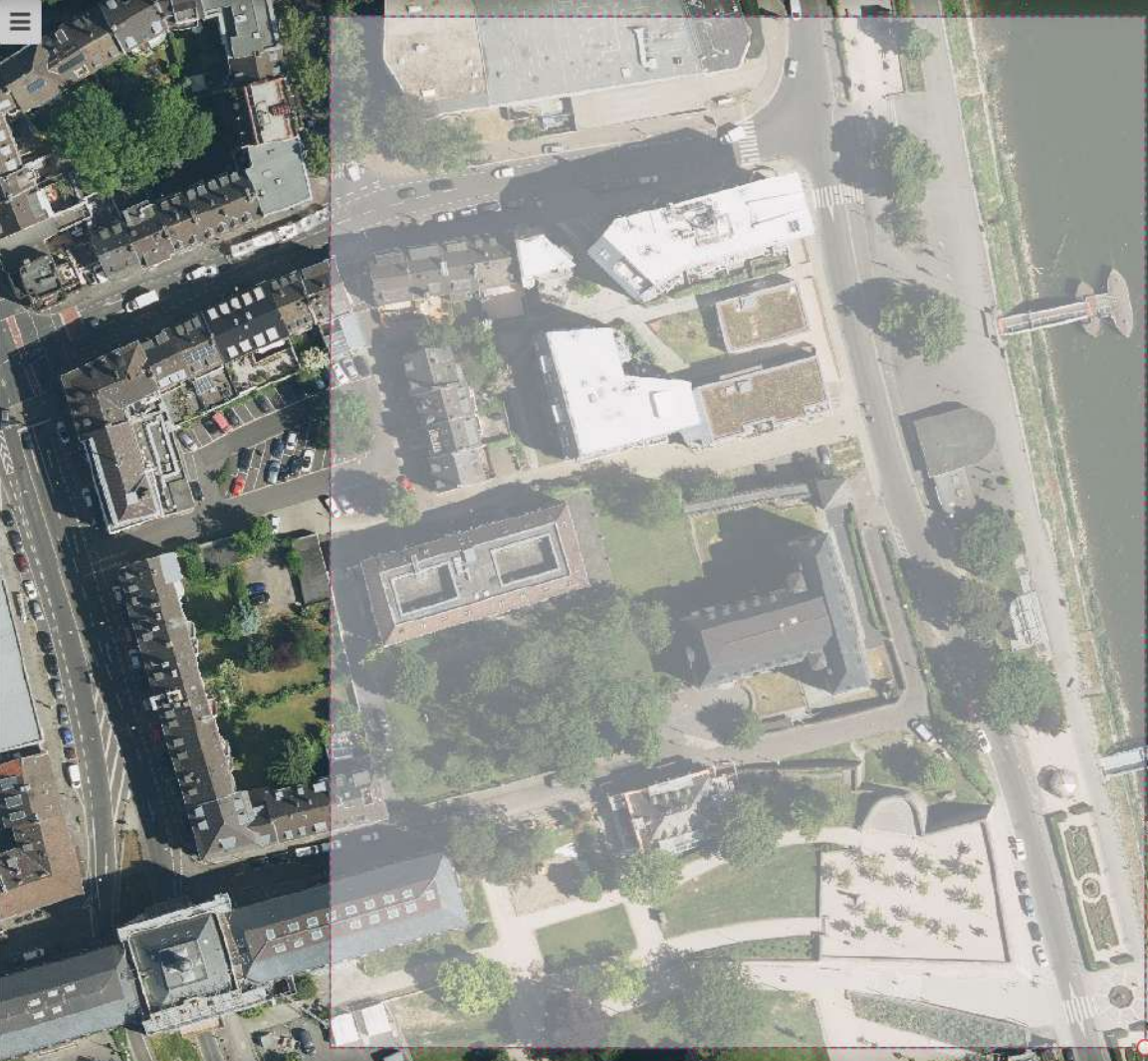
Title \*  
Where2B 2022

Kommentar  
Bonn

Kommentar  
Dezember 2022

Legende drucken

Ebenenbaum  
Sketch  
Koordinaten Utility  
About Mapbender  
BasesourceSwitcher

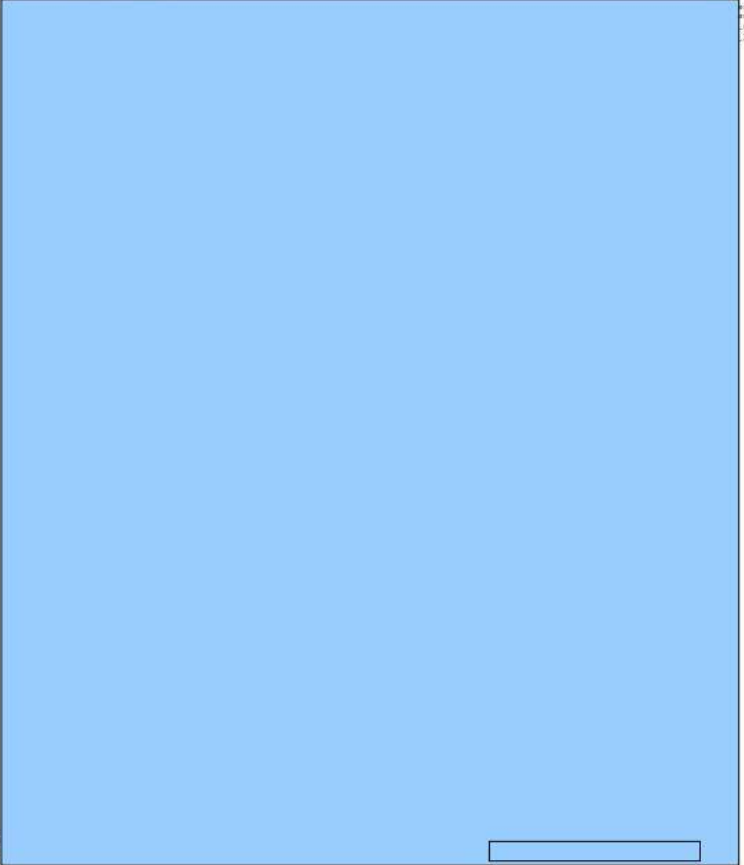


© OpenStreetMap contributors **powered by Mapbender**

Imprint & Contact Privacy-Policy  $\diamond$  x: - y: - ETR5XX89 1000 Mapbender Demo Where2B

# Druck Ausgabe Benutzer & mehr

gid: *feature.gid*  
Name: *feature.name*  
Type: *feature.type*  
Abstract: *feature.abstract*



title  
comment1  
comment2

Scale: *scale* Date: *date*

*user\_name*

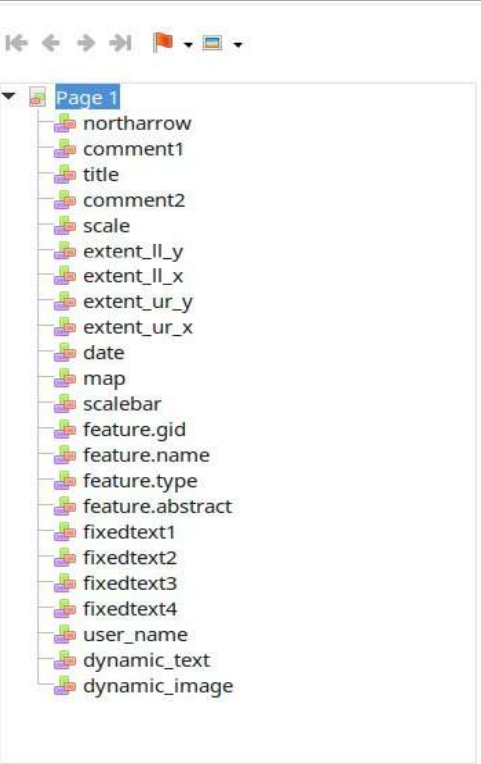
dynamic\_text

Mapbender

Optional fields

title:  
label: Title  
options:  
required: true  
comment1:  
label: Kommentar  
options:  
required: false

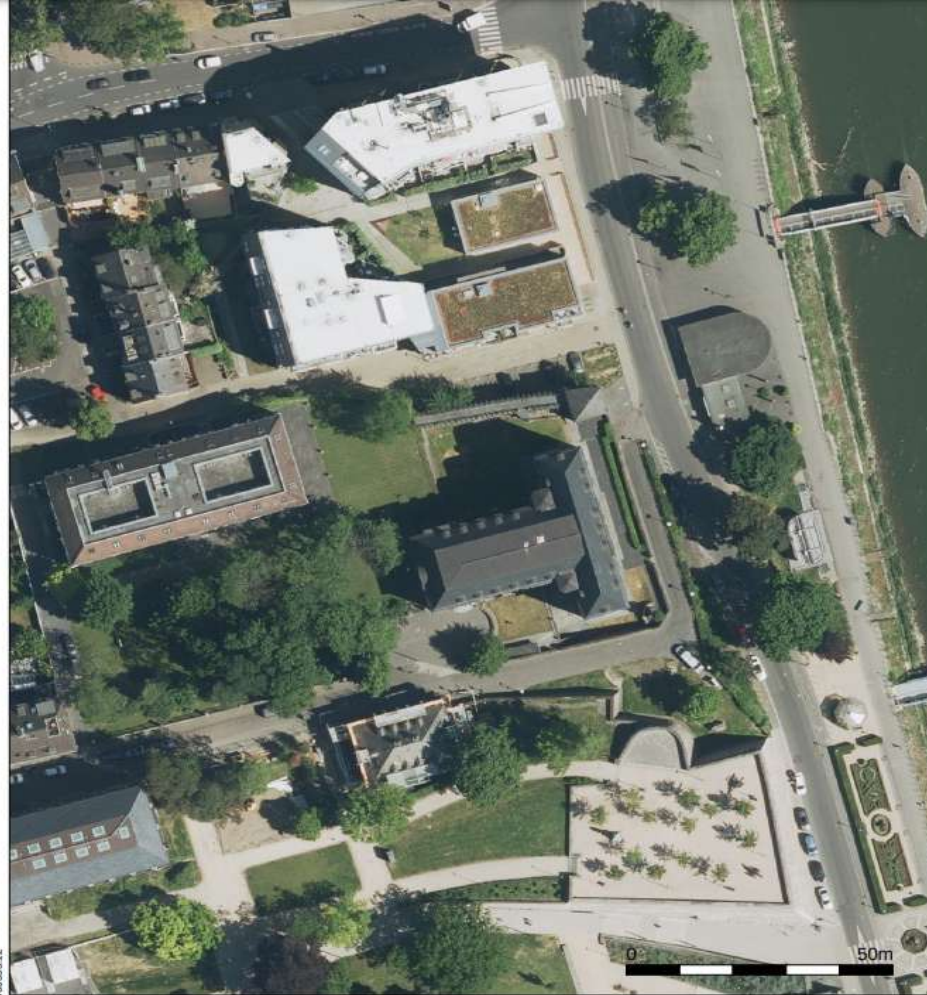
Navigator



- Page 1
  - northarrow
  - comment1
  - title
  - comment2
  - scale
  - extent\_ll\_y
  - extent\_ll\_x
  - extent\_ur\_y
  - extent\_ur\_x
  - date
  - map
  - scalebar
  - feature.gid
  - feature.name
  - feature.type
  - feature.abstract
  - fixedtext1
  - fixedtext2
  - fixedtext3
  - fixedtext4
  - user\_name
  - dynamic\_text
  - dynamic\_image

a4\_portrait\_official\_feature\_data\_demo

# Druck Ausgabe Benutzer & mehr



Where2B 2022  
Bonn  
Dezember 2022

Scale:  
1 : 1000

Date:  
13.12.2022

Schulung FOSS Academy



Astrid Emde





# Druck Ausgabe von Sachdaten

Mapbender Anwendung: Mapbender Demo Where2B Benutzer: Astrid Emde Ansicht zurücksetzen Information Legende WMS laden Messen Messen Radius eingeben

Ebenenbaum  
Sketch  
Koordinaten Utility  
About Mapbender  
BasesourceSwitcher  
Digitizer

point digitizing  
 nur Objekte des aktuellen K...  
Durchsuchen:  
Nr. Name  
41 Where2B 2022  
42 Rhein  
Zeige 36 bis 3  
1 4 5 6 7 8

**Druck**

Vorlage \*  
Demo with feature information print (portrait)

Qualität \*  
Document (288dpi)

Maßstab \*  
1:500

Drehung \*  
0

Title \*  
Feature Druck Demo

Kommentar  
Kommentar 1

Kommentar  
Kommentar 2

Legende drucken

Drucken Abbrechen

point test suite  
Basic information Personal information  
Welcome to the digitize demo. Try the new Mapbender feature!  
Name \*  
Where2B 2022  
Title  
Bonn  
Abstract  
15 Jahre Where2B - Die Jubiläumskonferenz 2022  
Type \*  
Type A  
Duplizieren Druck Speichern Löschen Abbrechen

Imprint & Contact Privacy-Policy x: - y: - ETRSXX89 1000 Mapbender Demo Where2B © OpenStreetMap contributors powered by Mapbender

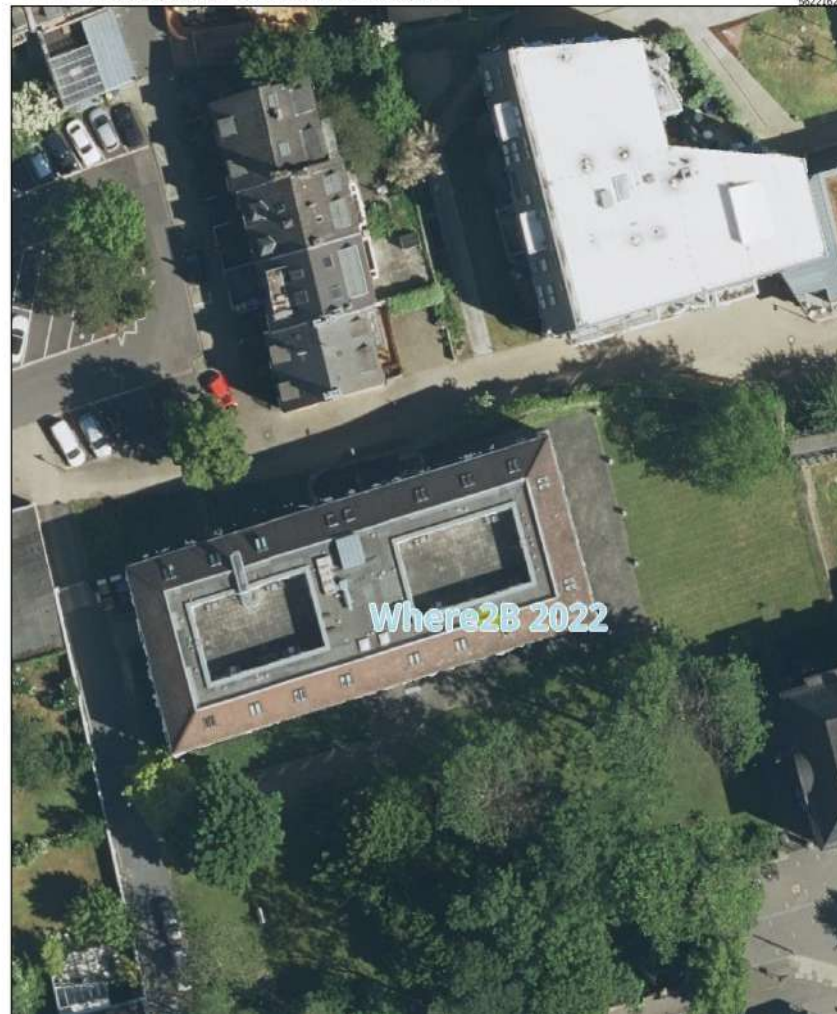
# Druck Ausgabe von Sachdaten

gid: 41

Name: Where2B 2022

Type: A

Abstract: 15 Jahre Where2B - Die Jubiläumskonferenz 2022



# Digitizer allowCustomStyle: true

Mapbender

Mapbender Digitize Demo

Information

URL teilen

Ebenenbaum

Digitizer with allowCustomStyle

polygon (allowCustomStyle)

nur Objekte des aktuellen Kartenausschnitts anzeigen

Durchsuchen:

Nr.	Name	
2	Schuppen	
3	Gebäude	
4	Turm	
5	Teich	
9	Teich mit Seerosen	
15	Pflanzbeet	
19	Fläche	
21	Park	

Zeige 1 bis 8 von 8  
PreviousNext

Fläche

Gebäude

Pflanzbeet

Park - und B

Teich

Stylemanager

Füllfarbe: #32d1d8

Deckkraft: 0.38

Strichfarbe: #0057ff

Deckkraft: 0.60

Strichstärke: 4

Strichabschlüsse: round

Linienmuster: dash

Beschriftung: \${name}

Schriftart: Comic Sans

Schriftgröße: 24

Schriftstärke: italic

Schriftfarbe: #ff004f

Deckkraft: 1.00

Abbrechen

Speichern

Imprint & Contact

Privacy-Policy

ETRS89 / UTM zone 32N

500

Mapbender Digitize Demo

© OpenStreetMap contributors

powered by Mapbender

# Digitizer Symbole

- Ebenenbaum
- Digitizer with allowCustomStyle
- Erfassung Bäume
- Digitizer

point digitizing

nur Objekte des aktuellen Kartenausschnitts anzeigen



Durchsuchen:

Nr.	Name	
6	Haltestelle	
38	Sperrung	
39	Bus	

Zeige 1 bis 3 von 3  
PreviousNext

### point test suite

Basic information | Personal information

Welcome to the digitize demo. Try the new Mapbender feature!

Name

Title

Abstract

Type

Mapbender user/group

user: anon. group:

Text with function type: text

user: anon. group: -

**Duplizieren** **Speichern** **Löschen** **Abbrechen**

```
styles:  
  default:  
    graphic: true  
    externalGraphic: 'https://schulung.foss.academy/mapbender-release/symbols/${type}.png'  
    graphicWidth: 30  
    graphicHeight: 30
```

# Digitizer mit Events & Filter

Mapbender

Mapbender Digitize Demo Benutzer: Astrid Emde

### Erfassung Bäume

## Bäume

nur Objekte des aktuellen Kartenausschnitts anzeigen

Durchsuchen:

Nr.	Name	Baumart	👁	📄	🗑
2	Baum des Jahres	Quercus robur	👁	📄	🗑
3	Bürgermeisterbuche	Fagus sylvatica	👁	📄	🗑
4	Rotbuche	Fagus sylvatica	👁	📄	🗑
5	Bürgermeister-Birke	Betula pendula	👁	📄	🗑
10	Bonner-Birke	Betula pendula	👁	📄	🗑
11	Platane	Platanus xhispanica	👁	📄	🗑

Zeige 1 bis 6 von 6

1

Baumarten - Erfassung (data manager)  
Kontakte (data manager)

Imprint & Contact Privacy-Policy ETRS89 / UTM zone 32N

**Neu - bitte speichern**

Baum des Jahres Astrid Emde  
Bonner-Birke Astrid Emde  
3 - Bürgermeisterbuche - Fagus sylvatica  
Rotbuche Astrid Emde  
Platane Astrid Emde

### Bäume


Name: Baum des Jahres

Umfang: 22 Jahr: 1998

Baumart: Quercus robur (Stieleiche - Achtung viel Dreck durch Eicheln)

Baumpatenschaft: Gonzo Oppenheimer

Dateiupload: 160509\_Starke-Baumtypen\_Eiche-im-Seidengewand\_...



user\_name: Astrid Emde

Druck Speichern Löschen Abbrechen

```
featureType:  
connection: geodata_db  
table: baeume  
uniqueId: gid  
geomType: point  
geomField: geom  
srid: 25832  
filter: 'user_name = :userName'  
events:  
onBeforeSave: '$feature->setAttribute('user_name', $user );'
```

# Data Manager zur Datenerfassung

The screenshot displays the Mapbender Digitize Demo interface. At the top, the header includes the Mapbender logo, the text "Mapbender Digitize Demo", the user name "Benutzer: Astrid Emde", and various utility icons like "Information", "Print", "Camera", "Layers", "Home", "Fullscreen", "Share", and "URL teilen".

On the left side, there is a sidebar with a blue header "Erfassung Bäume" and a sub-header "Baumarten - Erfassung (data manager)". Below this, a "Baumart" section contains a search bar labeled "Durchsuchen:" and a table of tree species. The table has two columns: "Lat. Name" and "deutscher Name".

Lat. Name	deutscher Name		
Acer campestre	Feld-Ahorn	<input type="checkbox"/>	<input type="checkbox"/>
Betula pendula	Birke	<input type="checkbox"/>	<input type="checkbox"/>
Fagus sylvatica	Rotbuche	<input type="checkbox"/>	<input type="checkbox"/>
Platanus xhispanica	Platane	<input type="checkbox"/>	<input type="checkbox"/>
Quercus robur	Stieleiche	<input type="checkbox"/>	<input type="checkbox"/>

Below the table is a pagination control showing "Zeige 1 bis 5 von 5" and a "1" button. At the bottom of the sidebar is a blue header "Kontakte (data manager)".

The main area is a map of Poppelsdorf, Bonn. A modal window titled "Baumart" is open, containing a form with the following fields:

- "Lat. Name" with a placeholder "Bitte den lat. Namen angeben."
- "deutscher Name" with the value "Eibe" entered.
- "Empfehlung" with an empty text area.
- "Speichern" and "Abbrechen" buttons.

At the bottom of the interface, there is a footer with "Imprint & Contact", "Privacy-Policy", a coordinate system dropdown set to "ETRS89 / UTM zone 32N", a zoom level dropdown set to "1226", a map style dropdown set to "Mapbender Digitize Demo", and the text "© OpenStreetMap contributors powered by Mapbender".

# FeatureInfo Highlight

Mapbender Anwendung: Mapbender Demo Where2B Benutzer: Astrid Emde Ansicht zurücksetzen Information Legende WMS laden Messen Messen Radius eingeben

Ebenenbaum

- Themen
- Germany (with FeatureInfo Highlight)
- Touristik und Freizeit

Suche nach Adresse

Information

Germany (with FeatureInfo Highlight)

**Info mit Highlight**

Postleitzahlgebiet: 53119 - Bonn

Postleitzahlgebiet: 53111 - Bonn

Postleitzahlgebiet: 53115 - Bonn

Drucken Schließen

Element bearbeiten

Automatisches Öffnen  Beim Schließen deaktivieren  Print result  Nur valide zeigen

Title: mb.core.featureinfo.class.title

Display type \*: Tabs

Max count: 100

Width \*: 500

Height \*: 500

Highlighting

Highlighting aktiv

Standard	Hover
Füllfarbe *: #ffff00	Füllfarbe *: #00ffff
Strichfarbe: #ff00ff	Strichfarbe: #0000ff
Deckkraft (%): 25	Deckkraft (%): 50
Linienstärke (Pixel): 3	Linienstärke (Pixel): 5

Speichern Abbrechen

Imprint & Contact Privacy-Policy 365086.27 y: 5622487.00 ETRSXX89 24718 Mapbender Demo

# Vendor Specific

The screenshot displays the Mapbender web application interface. At the top, the application title is "Anwendung: Mapbender Demo Where2B". Navigation and utility icons include "Ansicht zurücksetzen", "Information", "Legende", "WMS laden", "Messen", and "Radius eingeben".

The left sidebar contains a "Ebenenbaum" (Layers) section with the following items:

- Themen
- Germany (with Featureinfo Highlig...)
- Touristik und Freizeit
- WMS NW TFIS

Below the layers is a "Sketch" section with the following items:

- Koordinaten Utility
- About Mapbender
- BasesourceSwitcher
- Digitizer

The main map area shows a street map of Bonn, Germany, with various postal codes and place names. A search bar at the top right contains the text "Suche nach Adresse". The bottom of the interface features a status bar with "Imprint & Contact", "Privacy-Policy", a coordinate display "x: - y: -", a dropdown menu showing "97577", another dropdown menu showing "Mapbender Demo Where2B", and copyright information: "© OpenStreetMap contributors powered by Mapbender".



# Vendor Specific

Mapbender Anwendung: Mapbender Demo Where2B Ansicht zurücksetzen Information Legende WMS laden Messen Messen Radius eingeben

Ebenenbaum

- Themen
  - Germany (with Featureinfo Highlig...
  - Touristik und Freizeit
  - WMS NW TFIS

Suche nach Adresse

Vendor specific

- + Vstype simple
- Name ort
- Default Troisdorf
- Hidden

Imprint & Contact Privacy-Policy x: - y: 97577

# Backend twig im HTML-/Copyright-Element

The screenshot shows the Mapbender web application interface. At the top, there's a navigation bar with 'Anwendung: Mapbender Demo Where2B' and various utility icons. On the left, a sidebar contains a 'Themen' menu with options like 'Germany (with Featureinfo Highlig...', 'Touren und Freizeit', and 'WMS NW TFS'. The main area displays an aerial map with a white dialog box titled 'Neuigkeiten' (News) overlaid. The dialog contains the following text: '15 Jahre Where2B - Die Jubiläumskonferenz 2022', 'Veranstalter: WhereGroup GmbH', and 'Ort: Universitätsclub Bonn e.V., Konviktstr. 9 | 53113 Bonn, where2b-conference.com'. An 'Ok' button is at the bottom right of the dialog. Below the dialog, a code editor shows the HTML output of the Twig template, including DOCTYPE, meta tags, and the rendered news content. To the right, another dialog titled 'Element bearbeiten' (Edit Element) is visible, showing configuration options: 'Automatisches Öffnen' (checked), 'Title' (Neuigkeiten), 'Dialog-Breite' (500), 'Dialog-Höhe' (Automatisch), and 'Content \*' (a Twig include statement). At the bottom right of this dialog are 'Speichern' (Save) and 'Abbrechen' (Cancel) buttons.

Mapbender Anwendung: Mapbender Demo Where2B Ansicht zurücksetzen Information Legende WMS laden Messen Messen Radius eingeben

Ebenenbaum

- Themen
  - Germany (with Featureinfo Highlig...)
  - Touren und Freizeit
  - WMS NW TFS

Suche nach Adresse

### Neuigkeiten

15 Jahre Where2B - Die Jubiläumskonferenz 2022

Veranstalter: WhereGroup GmbH

**Ort:**  
Universitätsclub Bonn e.V.  
Konviktstr. 9 | 53113 Bonn  
where2b-conference.com

Ok

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1">
  </head>
  <body>
    <p><b>15 Jahre Where2B - Die Jubiläumskonferenz 2022</b></p>
    <p>Veranstalter: WhereGroup GmbH</p>
    <b>Ort:</b><br>
    Universitätsclub Bonn e.V.<br>
    Konviktstr. 9 | 53113 Bonn<br>
    <p><a href="https://where2b-conference.com/">where2b-conference.com</a>
  </body>
</html>
```

### Element bearbeiten

Automatisches Öffnen

Title: Neuigkeiten

Dialog-Breite: 500

Dialog-Höhe: Automatisch

Content \*  
{% include 'WorkshopDemoBundle::news.html.twig' %}

Speichern Abbrechen

# Backend Styling über SCSS-Varibalen

The screenshot displays the Mapbender web application interface. At the top, the navigation bar includes the Mapbender logo, the application name "Anwendung: Mapbender Demo Where2B", and several utility icons: "Ansicht zurücksetzen", "Information", "Legende", "WMS laden", "Messen", and "Radius eingeben".

On the left side, there is a sidebar with a "Ebenerbaum" (Layer Tree) section containing a list of layers: "Themen", "Germany (with Featureinfo Highlig...", "Touristik und Freizeit", and "WMS NW TFIS". Below this is a "Sketch" section with links for "Koordinaten Utility", "About Mapbender", "BasesourceSwitcher", and "Digitizer".

The main area shows a satellite map of a city. A search bar at the top right contains the text "Suche nach Adresse". A vertical toolbar on the right side of the map includes icons for navigation, home, and other map functions.

At the bottom of the map area, there is a tabbed interface with the following tabs: "Basisdaten", "Layouts", "Layerset", "CSS" (which is currently selected and underlined), and "Sicherheit".

The "CSS" tab displays a SCSS code editor with the following content:

```
3 /*$rootPath: "bundles/mapbendercore/"; // ldefault;
4 $imageBasePath: $rootPath + "image";
5 $iconBasePath: $rootPath + "fonts";
6 */
7
8 //-----font
9 $fontFamily: "Times New Roman, Open Sans", "Calluna Sans", "Gill Sans MT", Calibri, "Trebuchet MS", sans-serif;
10 $fontSize:15px;
11 $uiFontSize: 15px;
12
13 // Colors applied on body / normal content containers (sidepane, popups, mobile pane)
14 $textColor: #002647;
15 $backgroundColor: #f4f4f4;
16 $panelBorderColor: #002647;
17
```

At the bottom right of the CSS editor, there are two buttons: "Speichern" (Save) and "Abbrechen" (Cancel).

At the bottom left of the page, there are links for "Imprint & Contact" and "Privacy-Polic".

# app/console-Befehle

- app/console-Befehle
- <https://doc.mapbender.org/de/customization/commands.html>

## **Benutzer anlegen**

```
app/console mapbender:user:create --password xyuak8910 --email m.mustermann@xy.com 'Max Mustermann'
```

## **WMS laden**

```
app/console mapbender:wms:add https://osm-demo.wherogroup.com/service?  
VERSION=1.3.0&Service=WMS&request=getCapabilities
```

## **WMS aktualisieren**

```
app/console mapbender:wms:reload:url 76 https://osm-demo.wherogroup.com/service?  
VERSION=1.3.0&Service=WMS&request=getCapabilities
```

# Migration Guide & Workshop Bundle

- <https://github.com/mapbender/mapbender-workshop/>
- [https://github.com/mapbender/mapbender-workshop/blob/master/MIGRATION\\_GUIDE.md](https://github.com/mapbender/mapbender-workshop/blob/master/MIGRATION_GUIDE.md)
- Demo <https://mapbender.org/demo/>

# Wichtige Links rund um Mapbender

- <https://mapbender.org>
- <https://doc.mapbender.org>
- <https://demo.mapbender.org>
- <https://wherogroup.com/blog/>

Astrid Emde

[astrid.emde@wherereg.com](mailto:astrid.emde@wherereg.com)

<https://where2b-conference.com/>

Folien

<https://github.com/astroidex/presentations/tree/master/Where2B2022>