
GeoLite

Release 2.1

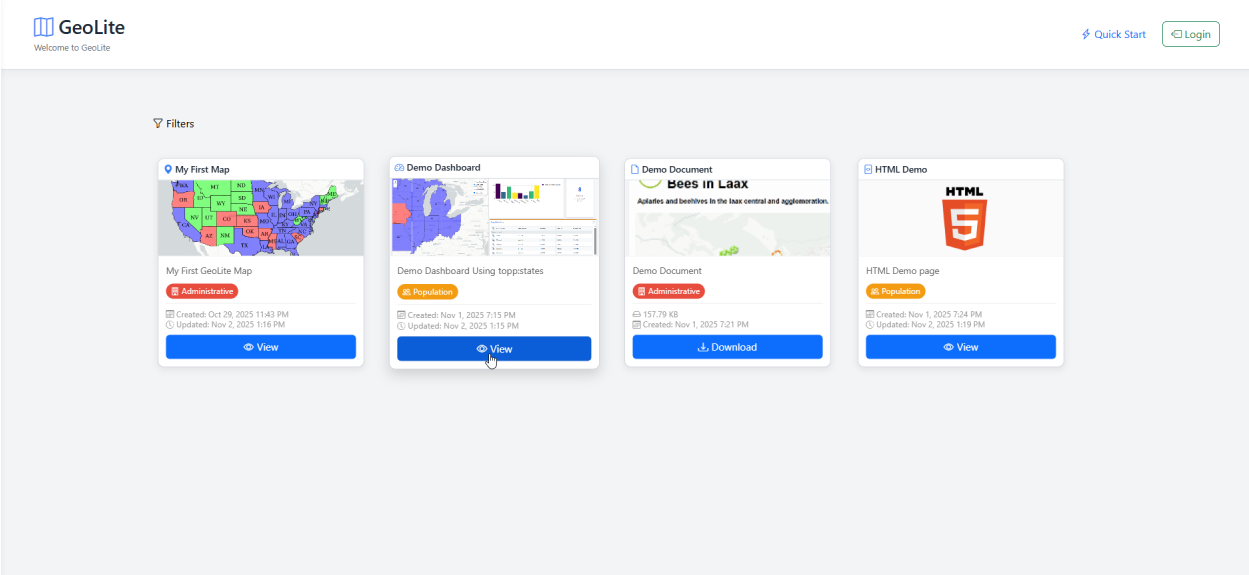
Cited Inc

Nov 04, 2025

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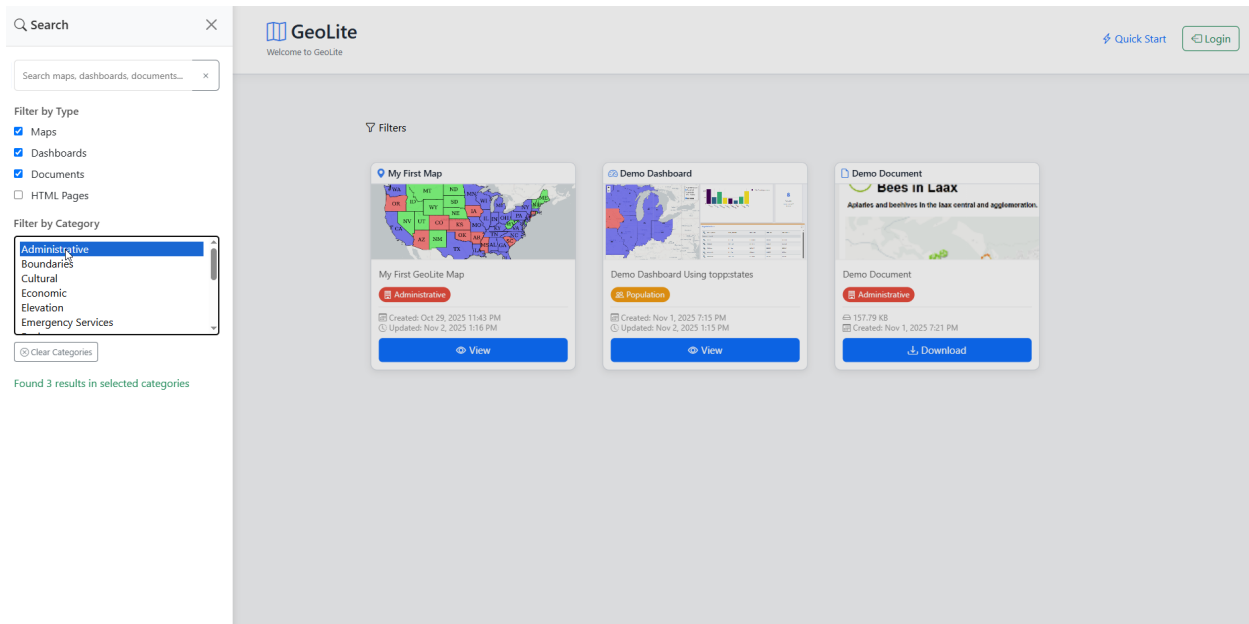
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1.1 Overview

GeoLite is a lightweight Map and Dashboard builder for GeoServer.

It requires only PHP and PostgreSQL and Apache HTTP Server (or Nginx)



1.2 Authors

- David Ghedini
- AcuGIS

1.3 Components

- PostgreSQL
- PHP
- Apache HTTP Server
- GDAL

1.4 Open Source

Novella is free, Open Source software.

GNU GENERAL PUBLIC LICENSE v3

INSTALLATION

Installation is done via /install.php

2.1 System Requirements

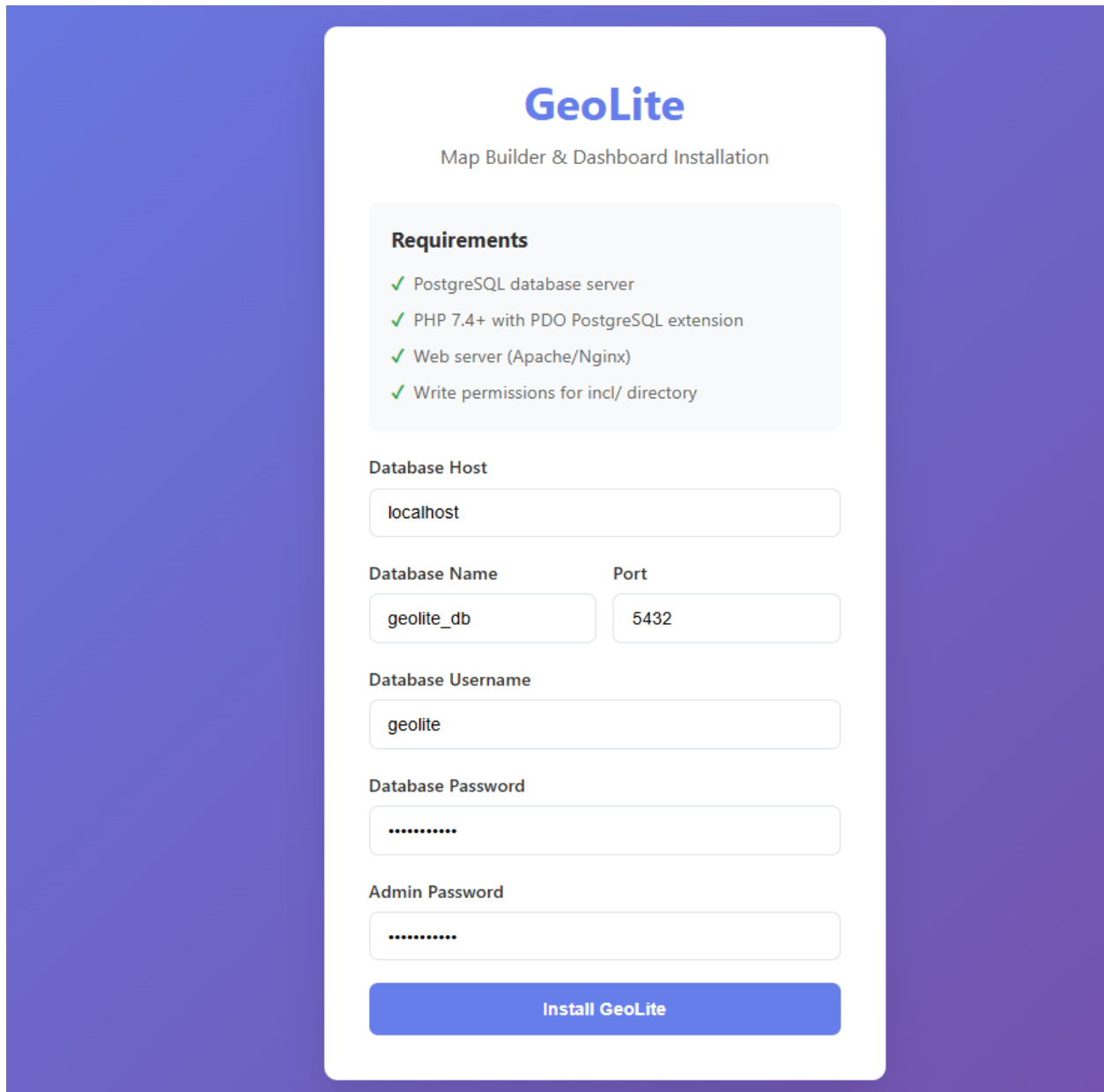
- PostgreSQL >= 16
- PHP >= 8.1
- 2 GB RAM
- 5 GB Disk

2.2 Running the Installer

Download GeoLite, unzip, and FTP to your directory of your choice.

Below, we'll install in directory 'geolite'

Navigate to <https://yourdomain.com/geolite/install.php> and enter the required information:



The image shows a web-based installation form for GeoLite. The form is titled "GeoLite" in a large blue font, with the subtitle "Map Builder & Dashboard Installation" below it. A "Requirements" section lists four items, each with a green checkmark: "PostgreSQL database server", "PHP 7.4+ with PDO PostgreSQL extension", "Web server (Apache/Nginx)", and "Write permissions for incl/ directory". Below this, there are several input fields: "Database Host" (containing "localhost"), "Database Name" (containing "geolite_db") and "Port" (containing "5432"), "Database Username" (containing "geolite"), "Database Password" (masked with dots), and "Admin Password" (masked with dots). At the bottom of the form is a large blue button labeled "Install GeoLite".

GeoLite

Map Builder & Dashboard Installation

Requirements

- ✓ PostgreSQL database server
- ✓ PHP 7.4+ with PDO PostgreSQL extension
- ✓ Web server (Apache/Nginx)
- ✓ Write permissions for incl/ directory

Database Host

localhost

Database Name Port

geolite_db 5432

Database Username

geolite

Database Password

.....

Admin Password

.....

Install GeoLite

Click “Install GeoLite” to complete the installation

2.3 Sample Data

The default installation includes sample Map, Dashboard, Document, and HTML page.

2.4 Login

The login is:

Username: admin Password: Password you selected above

Table of Contents

- *Users*
 - *Overview*
 - *User Types*
 - *Add New User*
 - *Assign User to Group*
 - *Edit User*
 - *Delete User*

3.1 Overview

Novella includes basic role based permissions.

3.2 User Types

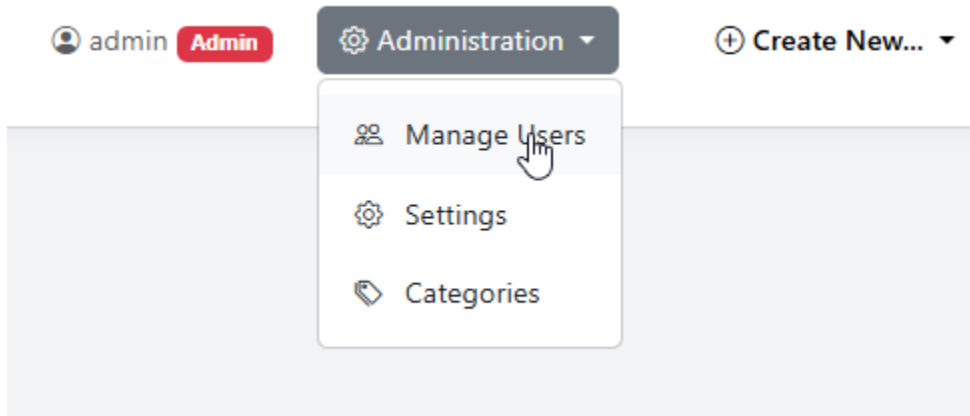
GeoLite supports the following User types.

Additional types can be added.

- Admins: All system privileges
- Users: Can view resources for which they have permission

3.3 Add New User

To create a new user, click on Manage Users in the Administration menu.



Users page looks like below

User Management

Manage users, groups, and permissions

[← Back to Library](#)

Users

[Create User](#)

Username	Full Name	Email	Group	Status	Last Login	Actions
admin	Administrator	admin@example.com	Admin	Active	Oct 26, 2025 6:55 PM	Edit
jane.doe	Jane Doe	jane@doe.com	User	Active	Oct 19, 2025 8:17 PM	Edit Delete

Groups

[Create Group](#)

Admin (1 users)
Administrators with full access to all features and content
Full access to all content
[Manage Permissions](#)

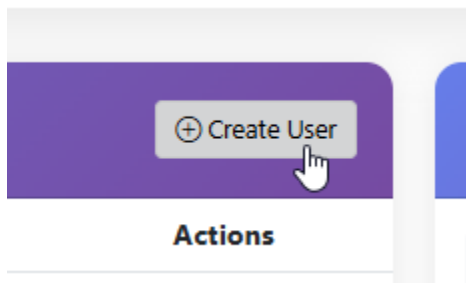
Public (0 users)
Group for public read-only access to resources
[Manage Permissions](#)

User (1 users)
Standard users with restricted access
[Manage Permissions](#)

GeoServer

URL	Username	Actions
https://novella.webgis1.com/geoserver	admin	Edit

Click the Create button



Populate the new User information

+

Create New User

Username *

john.doe

Password *

.....

Full Name

John Doe

Email

john@doe.com

Group *

User

☒ Active

Cancel

+ Create User

The User has been created.

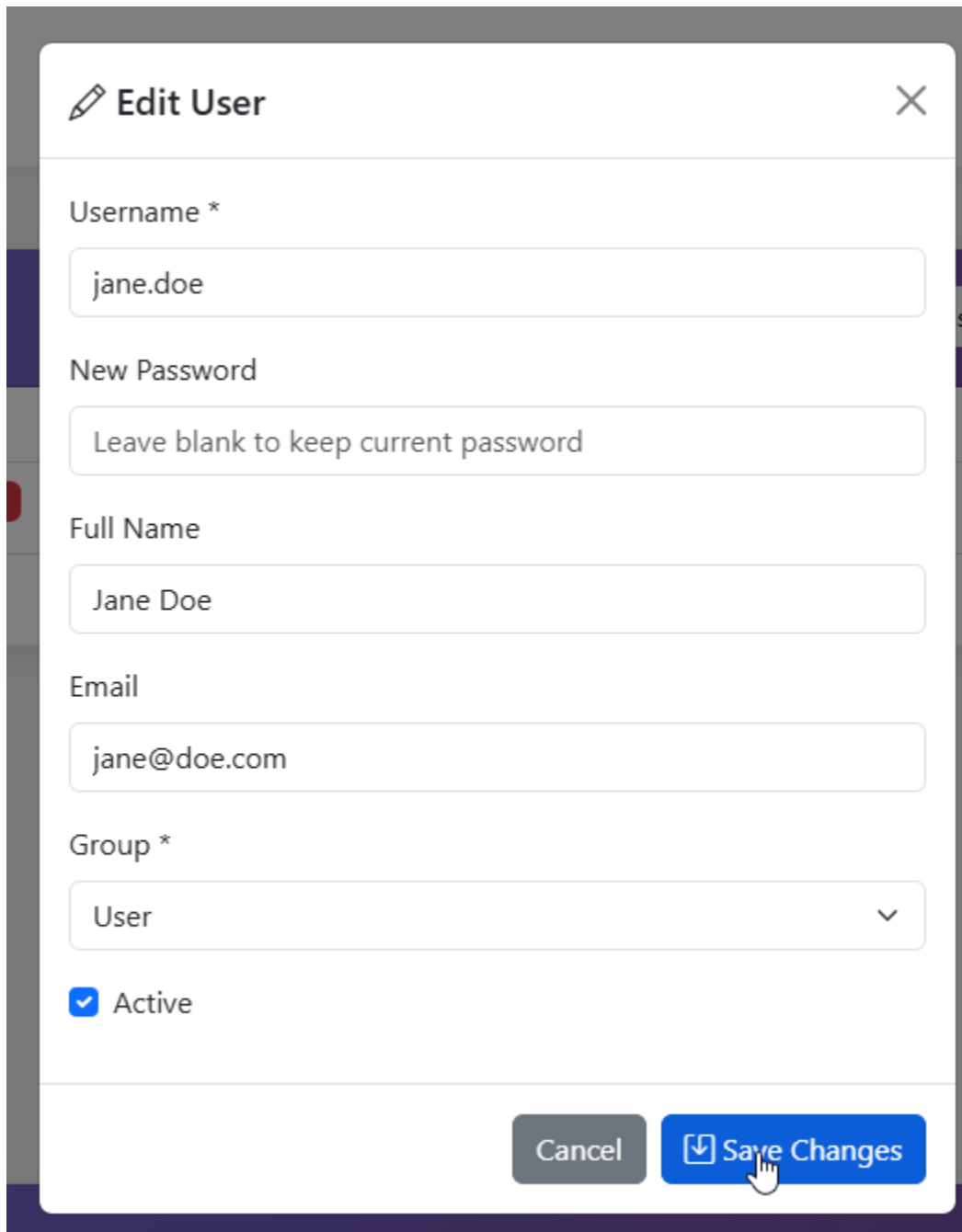
Users

Create User

Username	Full Name	Email	Group	Status	Last Login	Actions
admin You	Administrator	admin@example.com	Admin	Active	Oct 26, 2025 6:55 PM	
jane.doe	Jane Doe	jane@doe.com	User	Active	Oct 19, 2025 8:17 PM	
john.doe	John Doe	john@doe.com	User	Active	Never	

3.4 Assign User to Group

You can assign a User to Group during creating or via edit.



The image shows a modal dialog box titled "Edit User" with a pencil icon and a close button (X). The dialog contains several form fields: "Username *" with the value "jane.doe", "New Password" with the placeholder text "Leave blank to keep current password", "Full Name" with the value "Jane Doe", "Email" with the value "jane@doe.com", and "Group *" with a dropdown menu showing "User". There is also a checkbox labeled "Active" which is checked. At the bottom right, there are two buttons: "Cancel" and "Save Changes" (which is highlighted in blue and has a hand cursor over it).

Edit User

Username *
jane.doe

New Password
Leave blank to keep current password

Full Name
Jane Doe

Email
jane@doe.com

Group *
User

☒ Active

Cancel Save Changes

3.5 Edit User

You can edit users via the Edit link.

3.6 Delete User

You can delete users via the Delete link.

USER GROUPS

Table of Contents

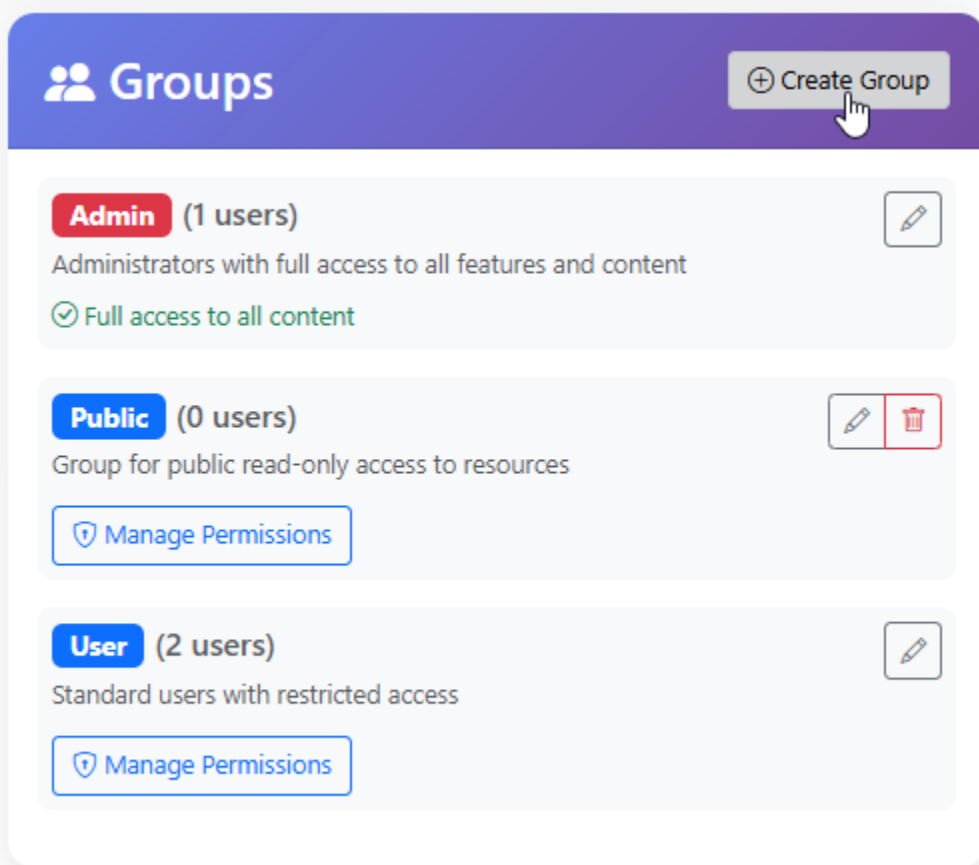
- *User Groups*
 - *Overview*
 - *Add New Group*
 - *Add and Edit Members*
 - *Delete Group*

4.1 Overview

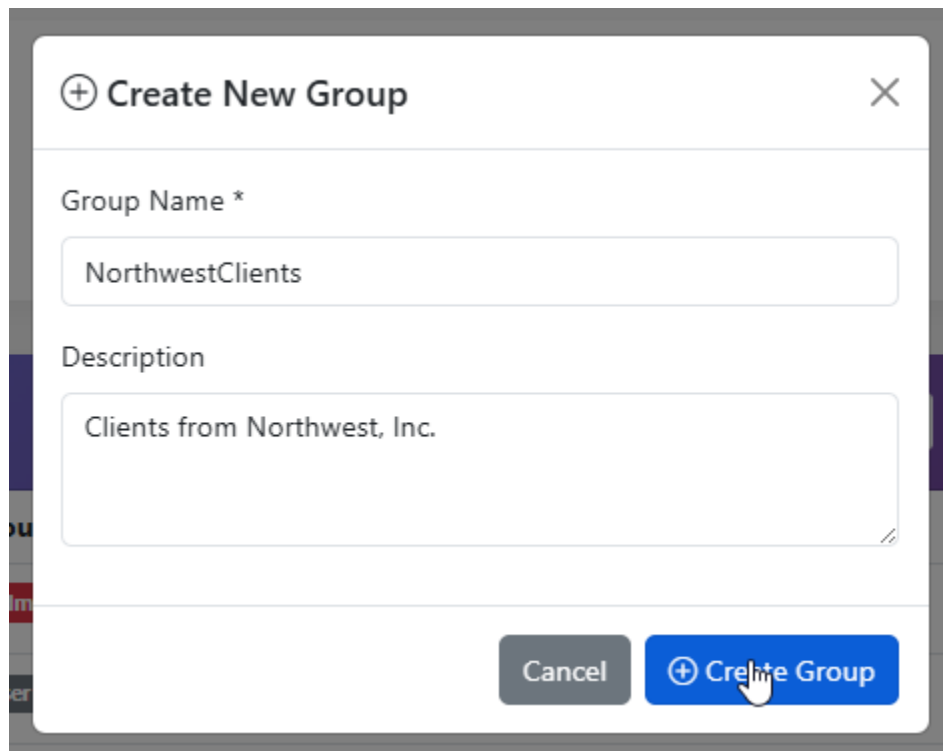
Report permissions are granted to User Groups.

4.2 Add New Group

To add a new Group, click the “Create” button at top.



Enter a Name for the Group and a Description



+ Create New Group ×

Group Name *

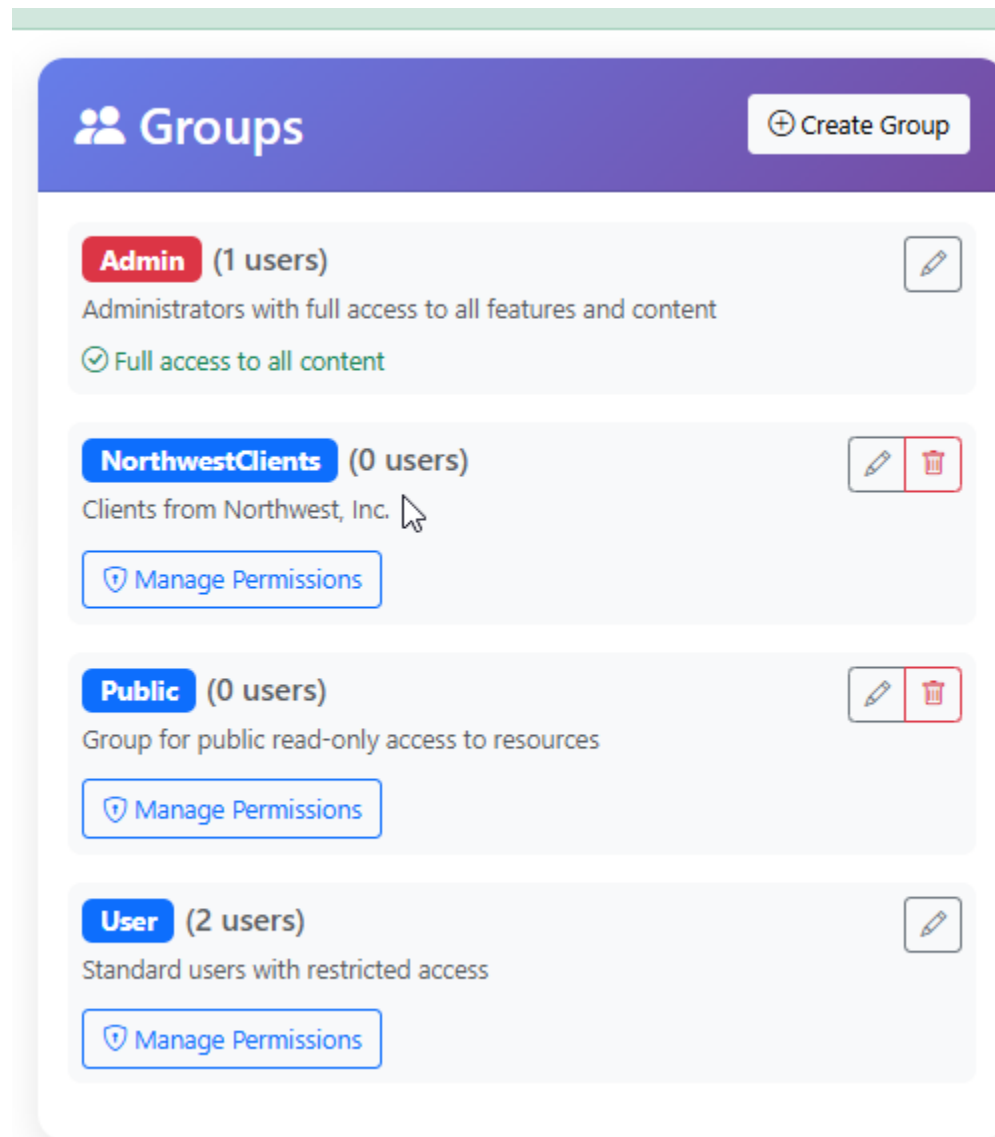
NorthwestClients

Description

Clients from Northwest, Inc.

Cancel **+ Create Group**

The Group has now been created



4.3 Add and Edit Members

Group members are added and edited via the User profile.

4.4 Delete Group

To delete a Group, click the Delete icon.

GEOSERVER

Table of Contents

- *GeoServer*
 - *Overview*
 - *Settings*
 - *Edit*

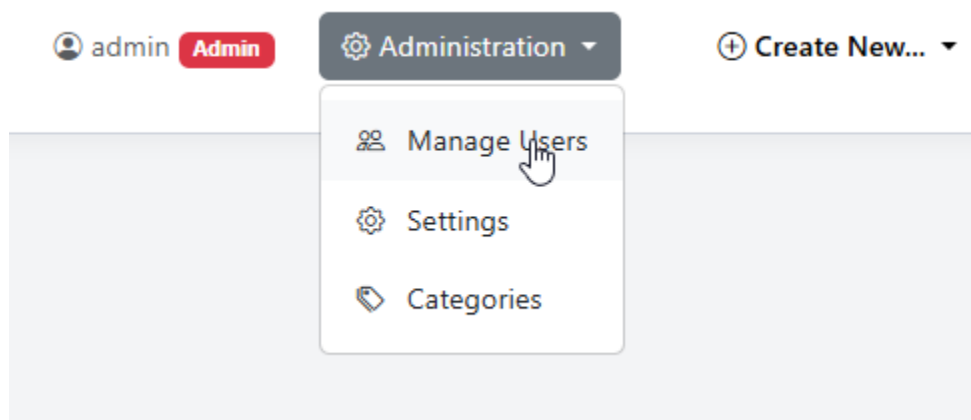
5.1 Overview

In order access your GeoServer layers, you will need to enter credentials for a REST user.

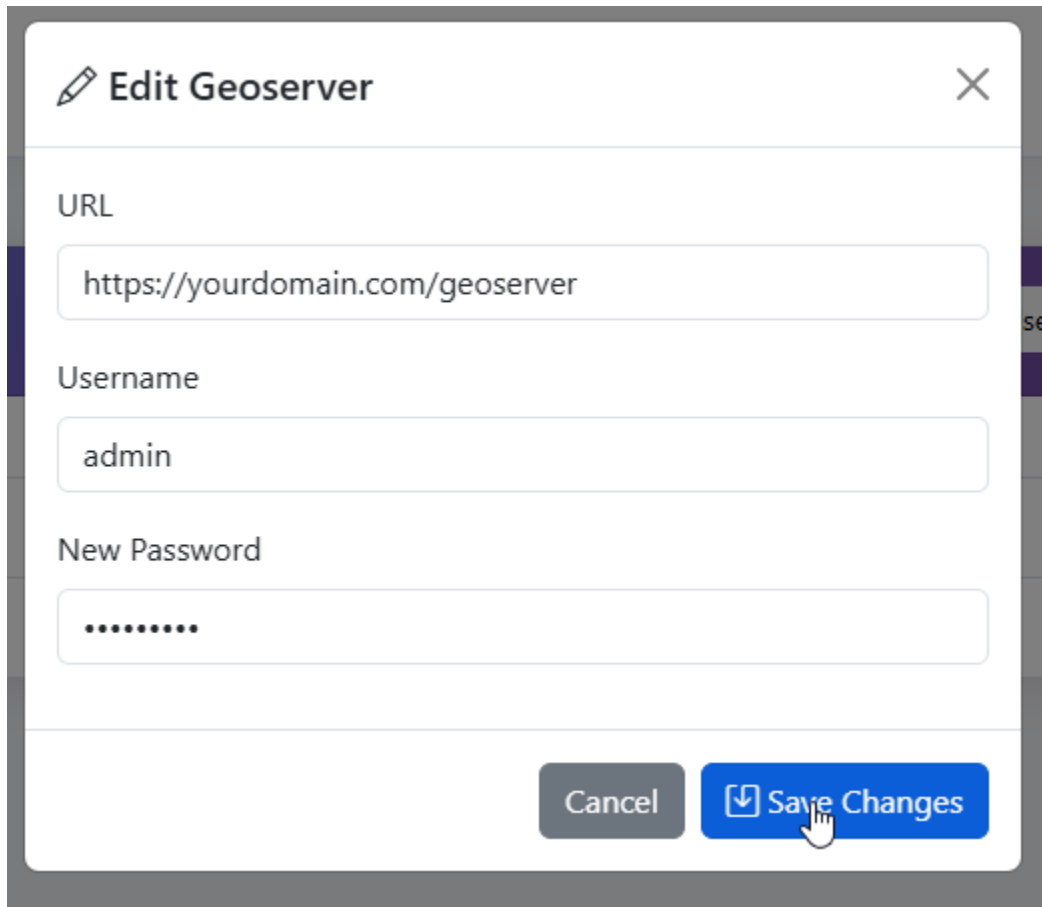
Below, we are using user 'admin'.

5.2 Settings

To set GeoServer credntials, go to Administration > Manage Users

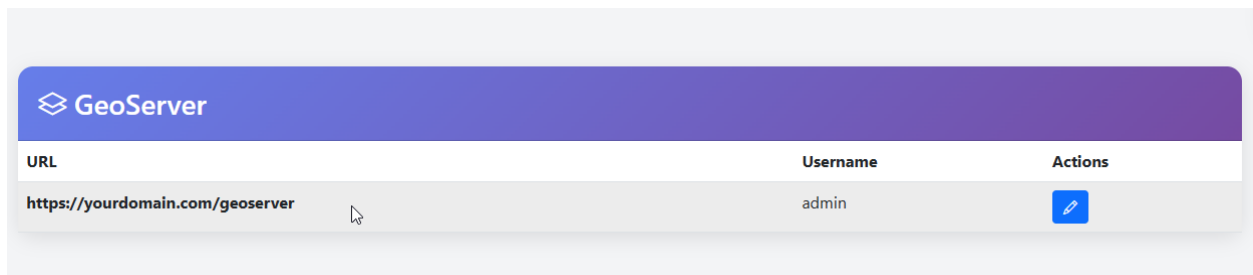


Enter your GeoServer URL and the REST username and password




The image shows a modal dialog box titled "Edit Geoserver" with a pencil icon and a close button (X). It contains three input fields: "URL" with the value "https://yourdomain.com/geoserver", "Username" with the value "admin", and "New Password" with masked characters ".....". At the bottom right, there are two buttons: a grey "Cancel" button and a blue "Save Changes" button with a checkmark icon. A mouse cursor is pointing at the "Save Changes" button.

Your GeoServer information is now added



The image shows a table with a purple header bar containing the GeoServer logo and name. The table has three columns: "URL", "Username", and "Actions". There is one data row with the URL "https://yourdomain.com/geoserver", the username "admin", and an edit icon in the Actions column.

GeoServer		
URL	Username	Actions
https://yourdomain.com/geoserver	admin	

5.3 Edit

To edit GeoServer settings, click on edit button

Make the desired edits and click Update

Table of Contents

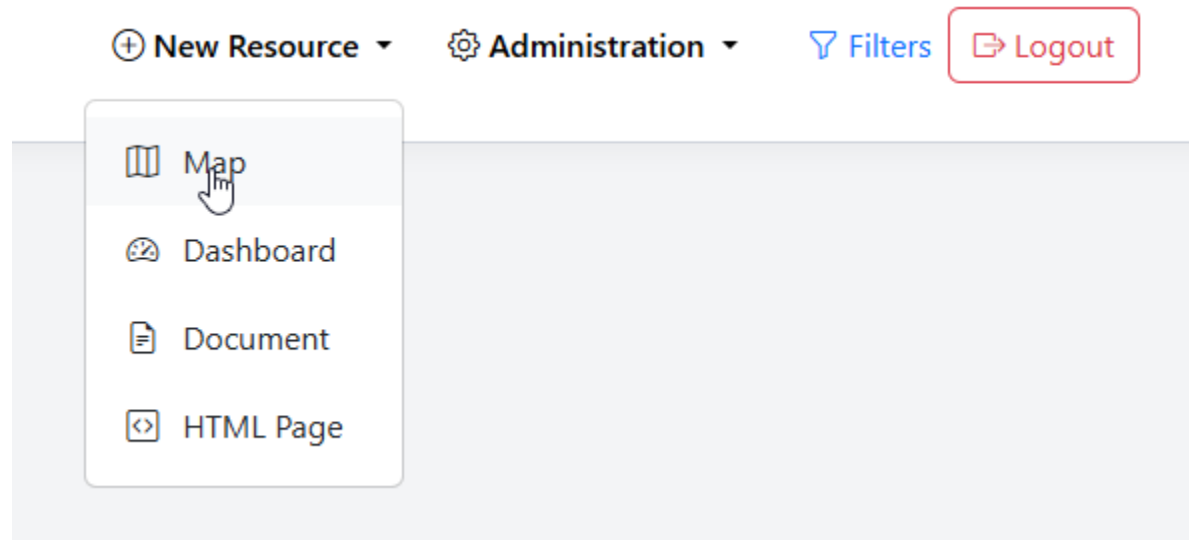
- *Maps*
 - *Overview*
 - *Create Map*
 - *Map Thumbnail*
 - *Edit Map*
 - *Map Filters*
 - *Delete Map*

6.1 Overview

Maps are created from your GeoServer layers

6.2 Create Map

To add a new Map, go to Add Resource > Map



Give your Map a name and description.

Optionally, select a Category

A screenshot of the 'Map Info' form in the GeoLite application. The form has a title 'Map Info' and a subtitle 'Enter a title and description for your map.' It contains three input fields: 'Map Title:*' with the value 'My First Map', 'Description:' with the value 'My First GeoLite Map', and 'Category:' with a dropdown menu showing 'Select a category (optional)'. A mouse cursor is hovering over the 'Description' field.

Select the GeoServer layers to include:

Map Info ▼

WMS Layers ▲

☒ poly_landmarks (tiger)

☐ tiger_roads (tiger)

☐ Arc_Sample (nurc)

☐ Img_Sample (nurc)

☐ Pk50095 (nurc)

☐ mosaic (nurc)

☐ apiary (topp)

☒ states (topp)

Previous

Page 1 of 4

Next

Select Basemap(s) to include

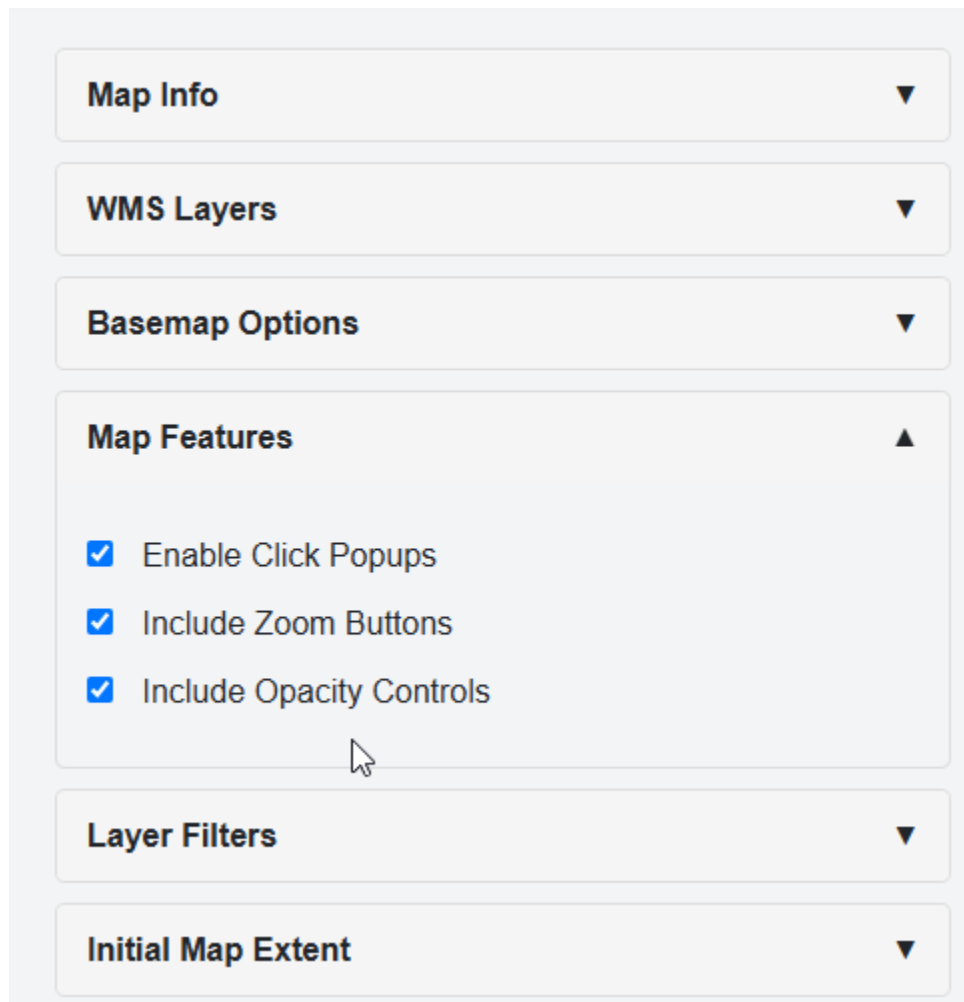
Map Info ▼

WMS Layers ▼

Basemap Options ▲

- ☐ OpenStreetMap
- ☒ Carto Light
- ☒ Carto Dark
- ☒ Carto Voyager
- ☐ ESRI Satellite
- ☐ ESRI Topo

Select Map Features to include



The screenshot displays a vertical stack of configuration panels for a map. The panels are: 'Map Info', 'WMS Layers', 'Basemap Options', 'Map Features', 'Layer Filters', and 'Initial Map Extent'. The 'Map Features' panel is expanded, showing three checked options: 'Enable Click Popups', 'Include Zoom Buttons', and 'Include Opacity Controls'. A mouse cursor is visible over the 'Map Features' panel.

Map Info ▼

WMS Layers ▼

Basemap Options ▼

Map Features ▲

- ☒ Enable Click Popups
- ☒ Include Zoom Buttons
- ☒ Include Opacity Controls

Layer Filters ▼

Initial Map Extent ▼

Filters can be added only once the Map is saved

Map Info▼

WMS Layers▼

Basemap Options▼

Map Features▼

Layer Filters▲

Set filters for selected WMS layers to show only specific features.

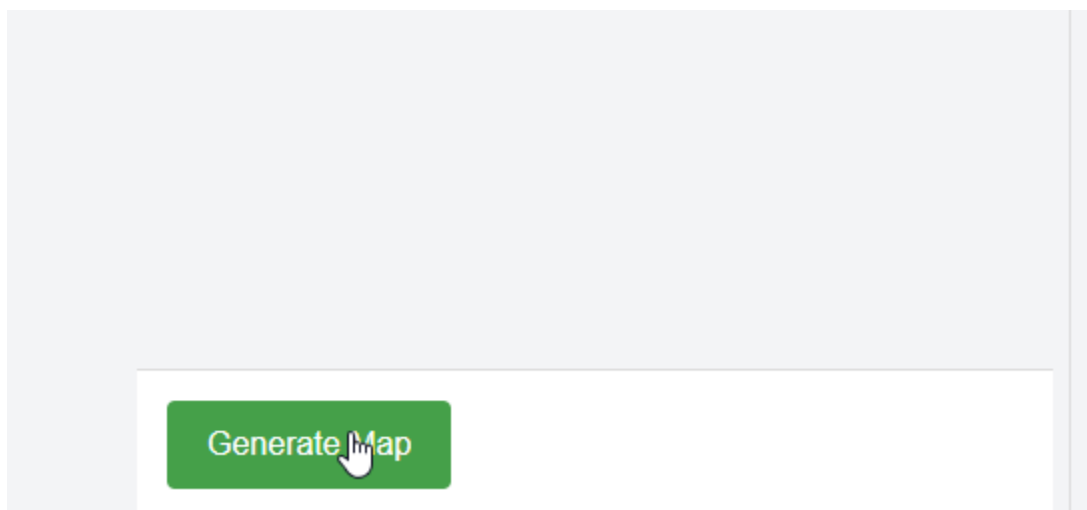
Select layers in "WMS Layers" section to configure filters.

ⓘ

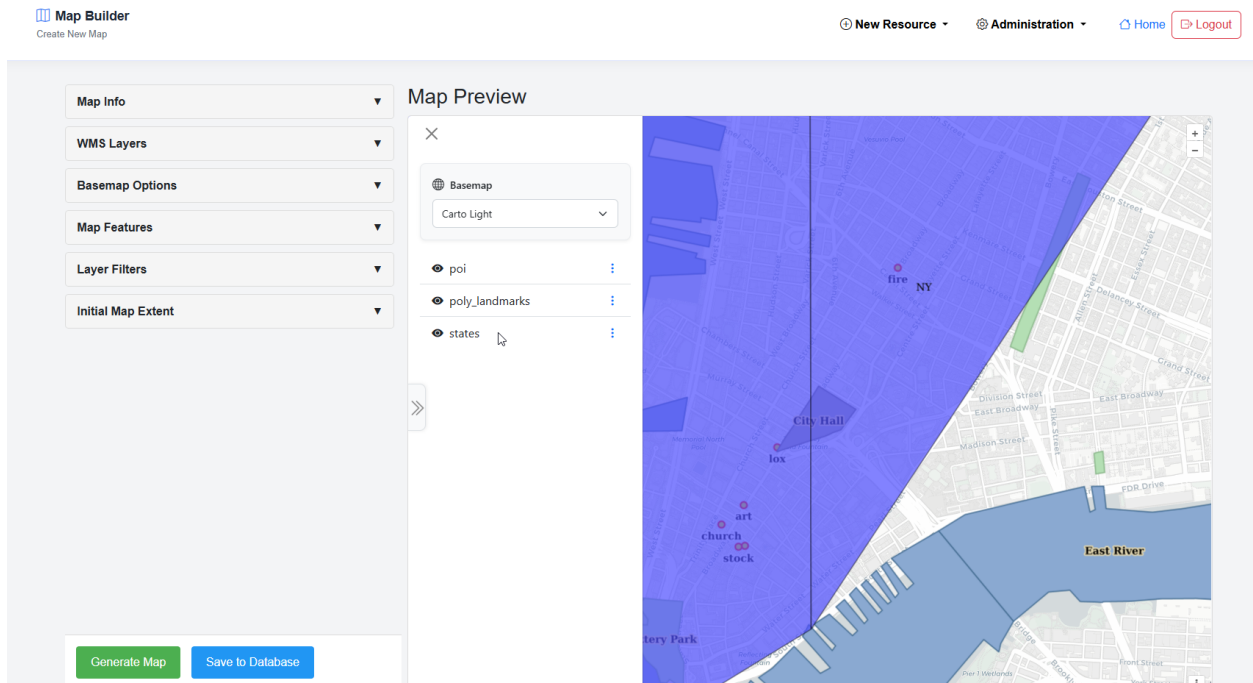
 Leave fields empty to show all features for that layer.

Initial Map Extent▼

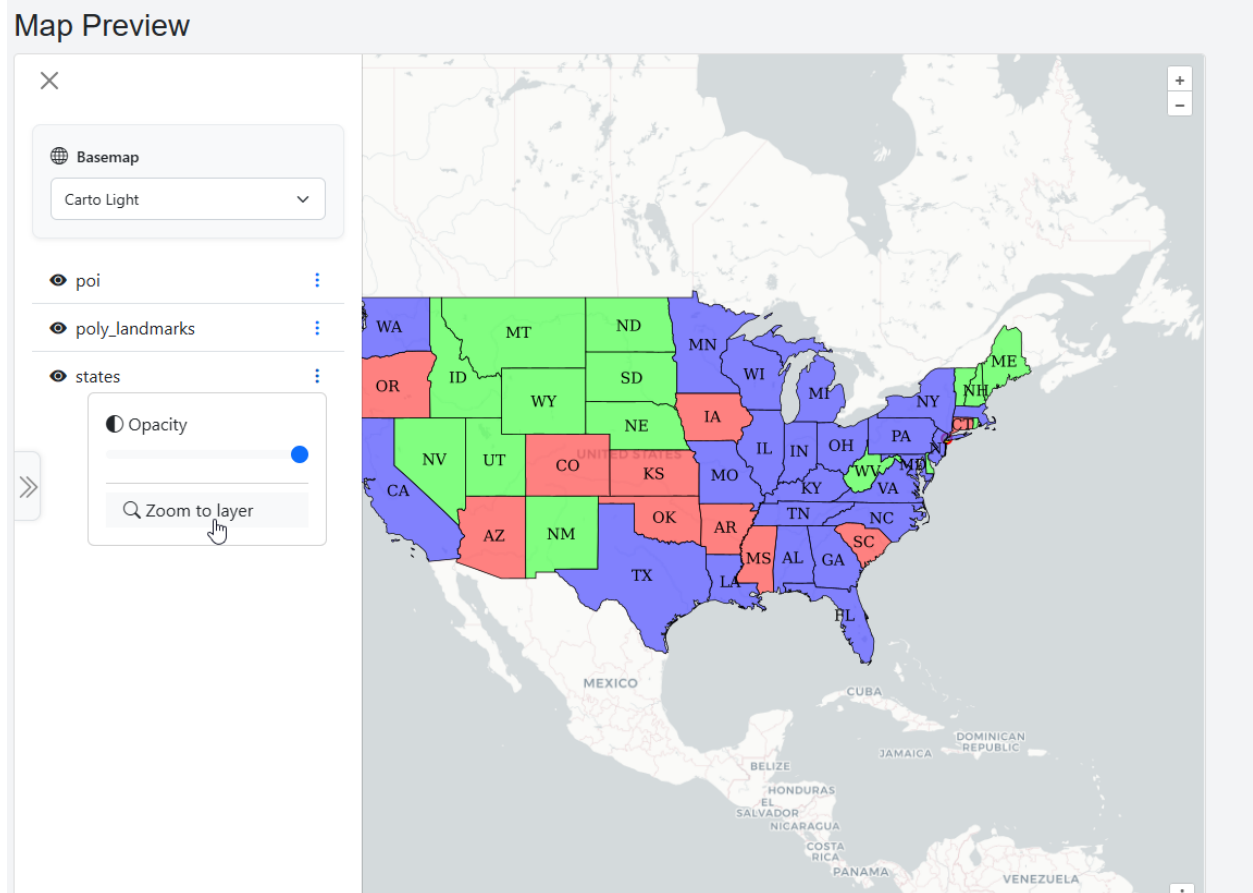
Click Generate Map



The generated map is displayed in the preview pane



Adjust the desired initial extent



Under Initial Extent, click the Capture Current Position

Map Info

WMS Layers

Basemap Options

Map Features

Layer Filters

Initial Map Extent

Set the initial map center and zoom level. Leave empty to use the first layer's extent.

Longitude: Latitude:

e.g., -95.7129

e.g., 37.0902

Zoom Level:

e.g., 4

Capture Current Map Position

Generate Map

Save to Database

Map Preview

Basemap

Carto Light

poi

poly_landmarks

states

The current Map position is populated

Initial Map Extent

Set the initial map center and zoom level. Leave empty to use the first layer's extent.

Longitude: Latitude:

-102.636903

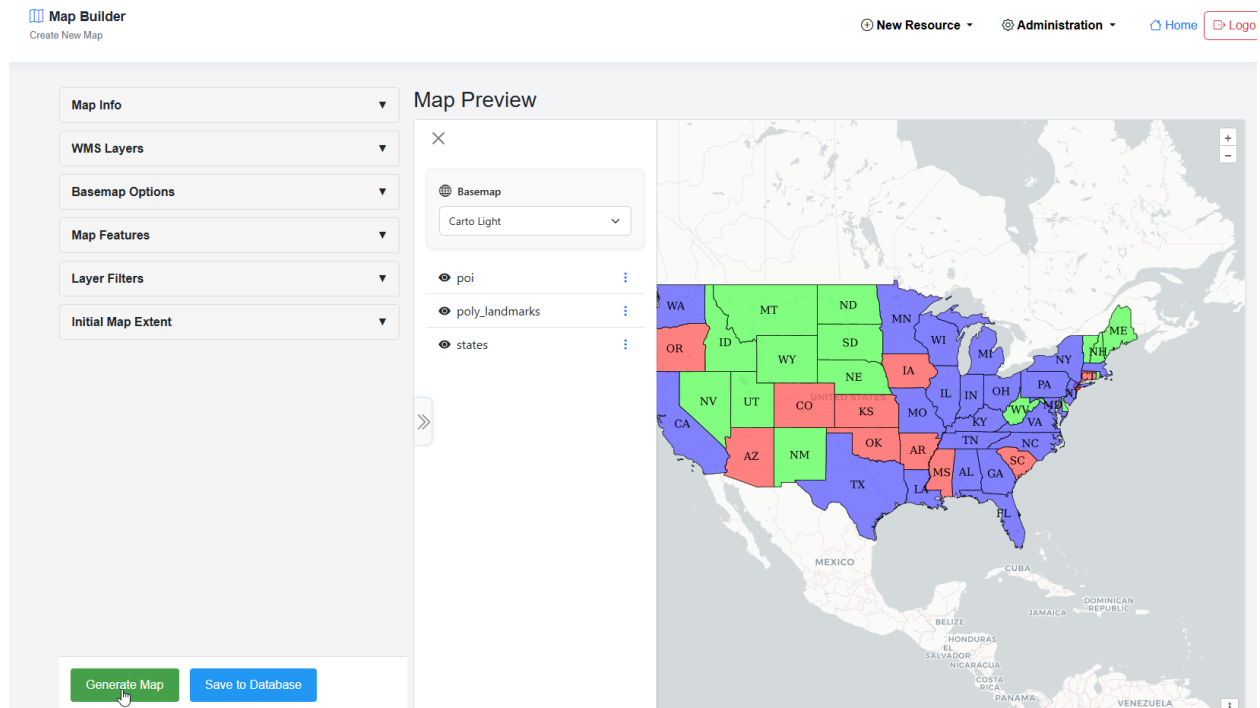
37.588201

Zoom Level:

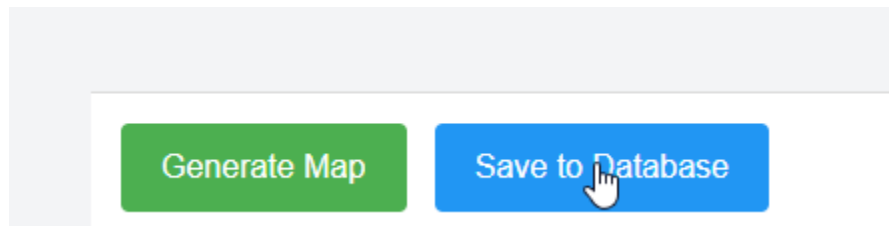
4.0

Capture Current Map Position

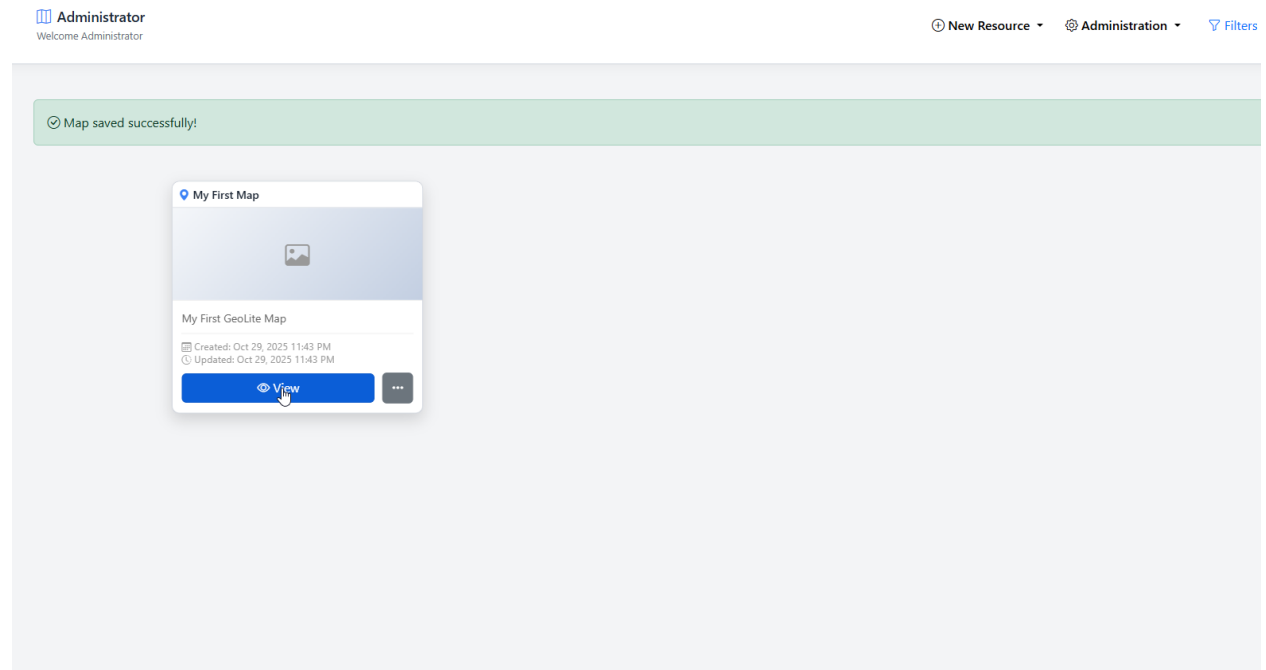
Click Generate Map



When you have completed your Map, click the Save to Database button

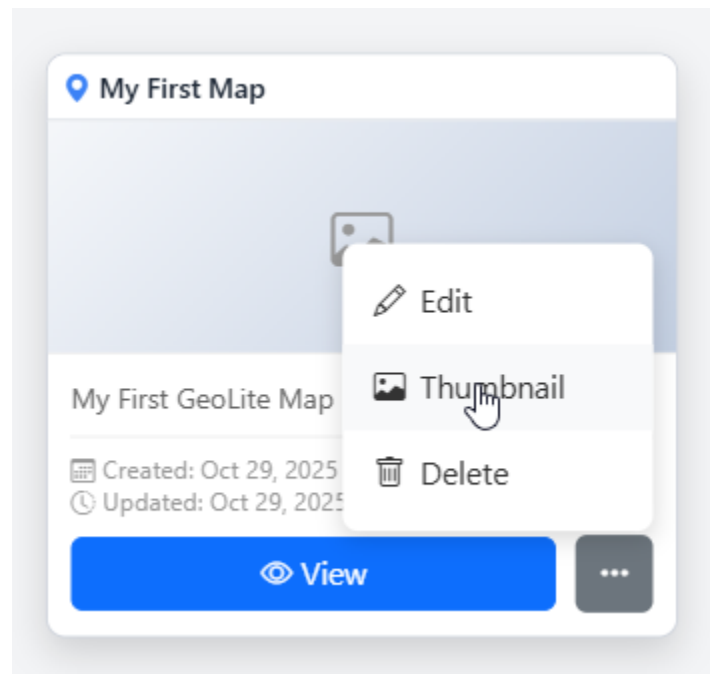


Your Map has now been created:

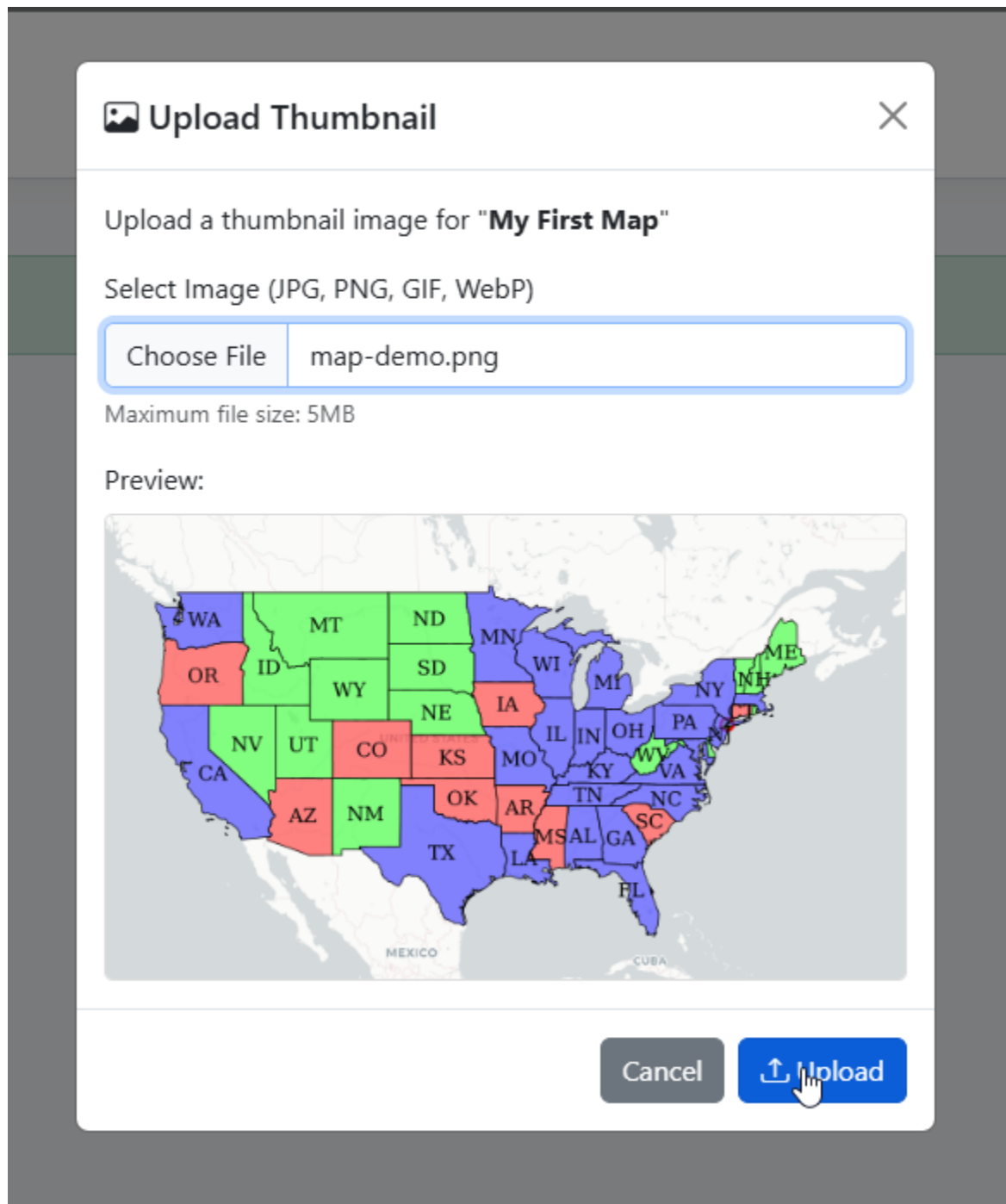


6.3 Map Thumbnail

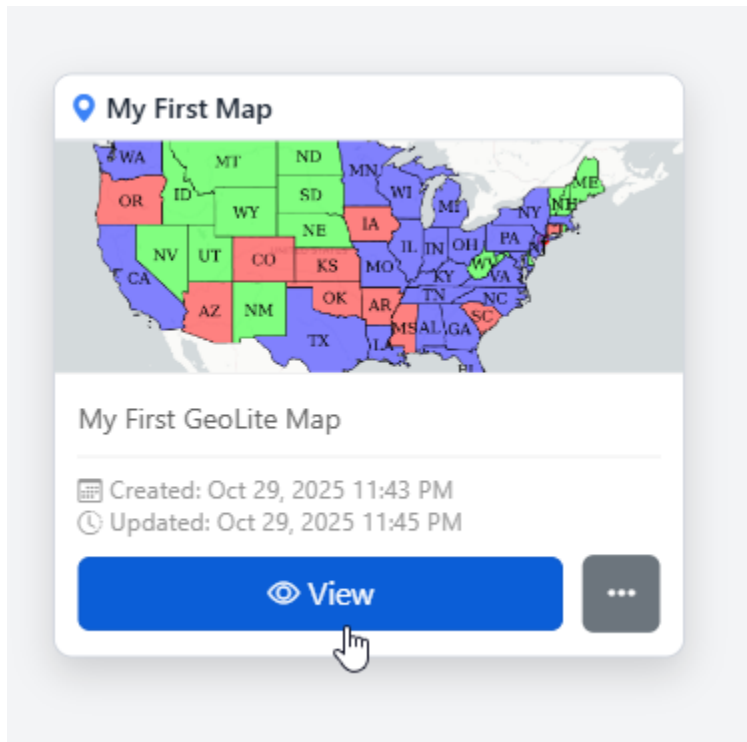
To set a thumbnail for the map, select Thumbnail on the menu



Chose your thumbnail and click Upload

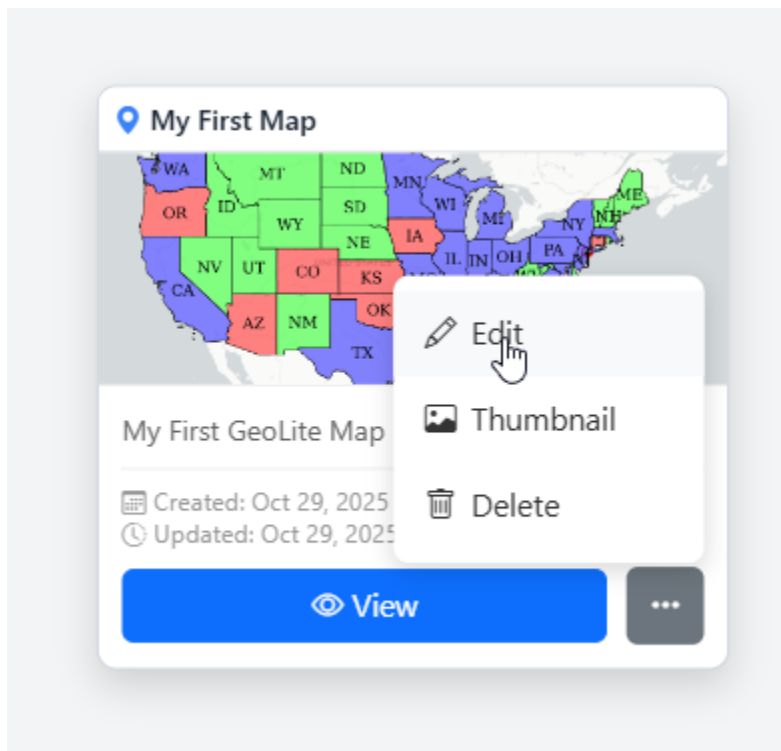


The Map thumbnail has now been set



6.4 Edit Map

To edit a Map, click the edit link



Make any changes or updates, making sure to click Update Map as you go

The screenshot displays the GeoLite map creation interface. On the left, the 'Map Info' section is expanded, showing fields for 'Map Title' (filled with 'My First Map'), 'Description' (filled with 'My First GeoLite Map'), and 'Category' (a dropdown menu with 'Select a category (optional)' selected). Below these are several collapsed sections: 'WMS Layers', 'Basemap Options', 'Map Features', 'Layer Filters', and 'Initial Map Extent'. At the bottom of the 'Map Info' section is a green 'Generate Map' button with a hand cursor icon. On the right, the 'Map Preview' section is shown, containing the text 'Select options and click Generate Map to preview' above a large, empty map area.

Once completed, click the Update Map button

6.5 Map Filters

To add a Map filter, expand the Layer Filter section

Layer Filters

Set filters for selected WMS layers to show only specific features.

poly_landmarks (tiger) [+ Add Condition](#)

equals (=)

Remove

states (topp) [+ Add Condition](#)

equals (=)

Remove

Leave fields empty to show all features for that layer.

Add any Filters you wish to add

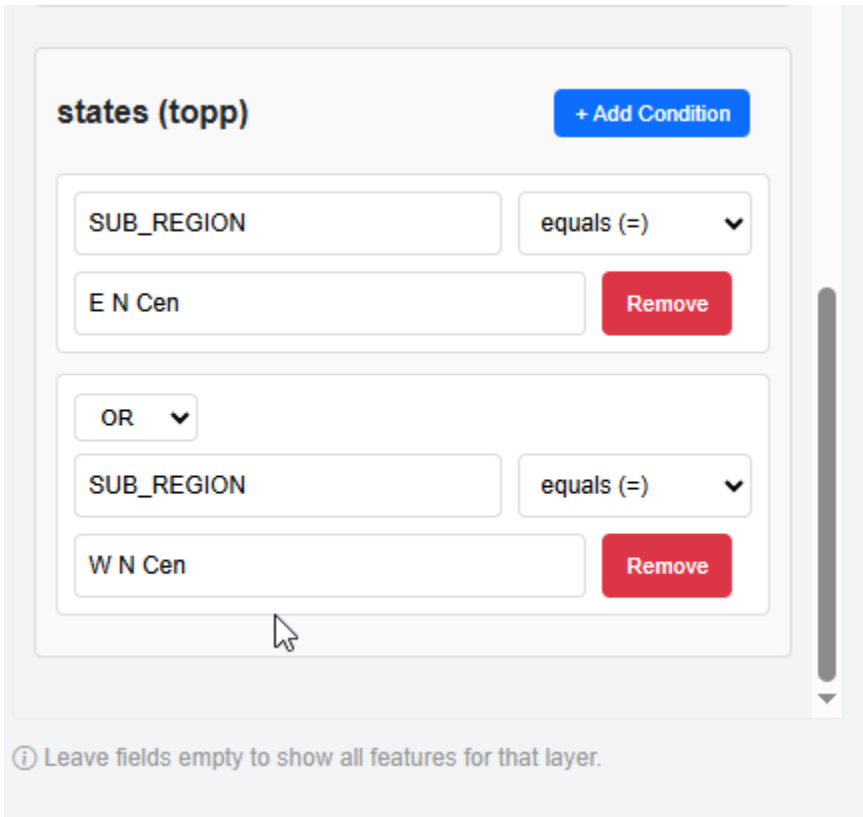
states (topp) [+ Add Condition](#)

equals (=)

Remove

For multiple Filters on same layer, click “Add Condition”

be sure to select “And” or “Or” as needed



states (topp) + Add Condition

SUB_REGION equals (=) ▼

E N Cen Remove

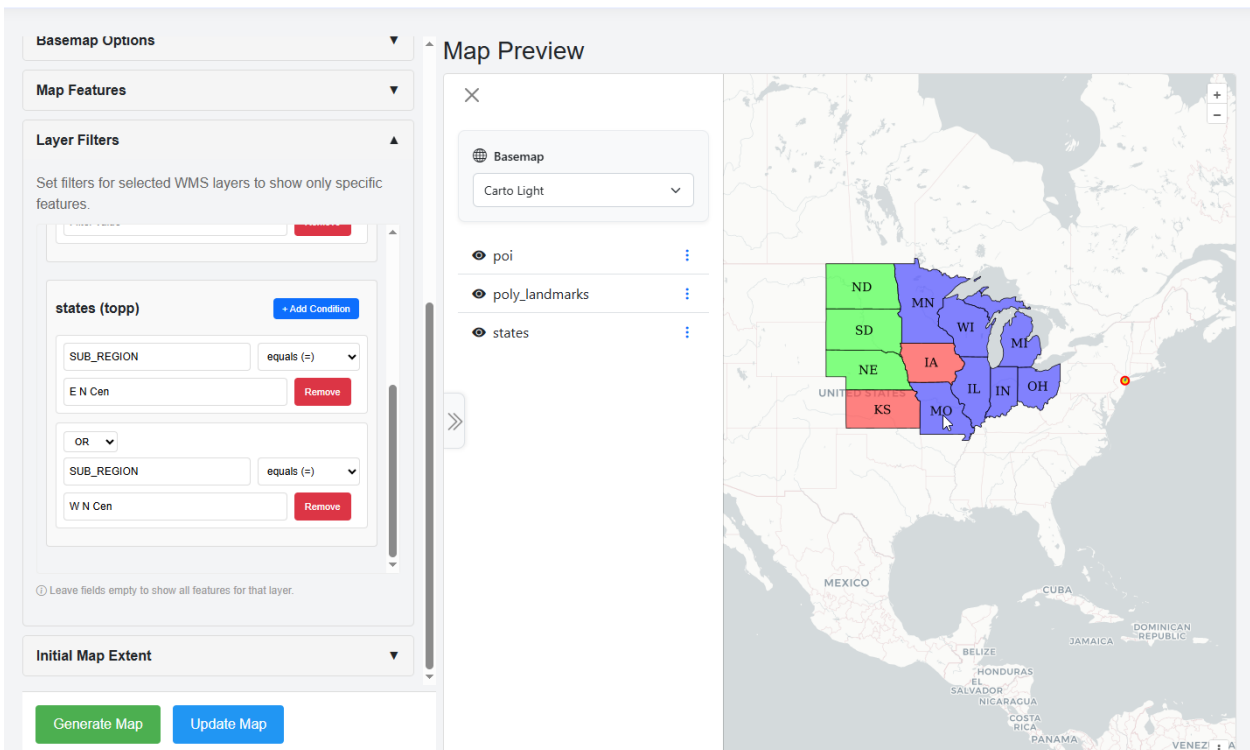
OR ▼

SUB_REGION equals (=) ▼

W N Cen Remove

① Leave fields empty to show all features for that layer.

Click Generate Map



Basemap Options

Map Features

Layer Filters

Set filters for selected WMS layers to show only specific features.

states (topp) + Add Condition

SUB_REGION equals (=) ▼

E N Cen Remove

OR ▼

SUB_REGION equals (=) ▼

W N Cen Remove

① Leave fields empty to show all features for that layer.

Initial Map Extent

Generate Map Update Map

Map Preview

Basemap ▼

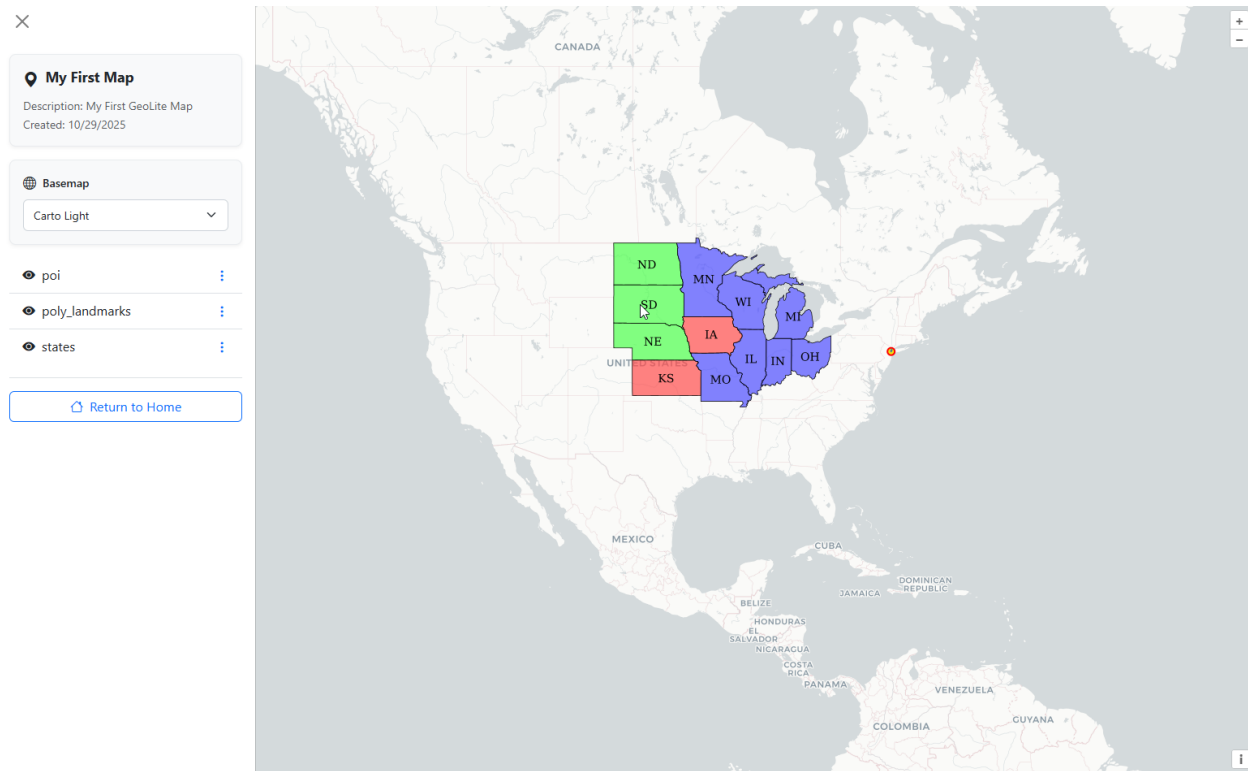
Carto Light

poi ⋮

poly_landmarks ⋮

states ⋮

Your Map is now Filtered



6.6 Delete Map

To delete a Map, click the delete icon

DASHBOARDS

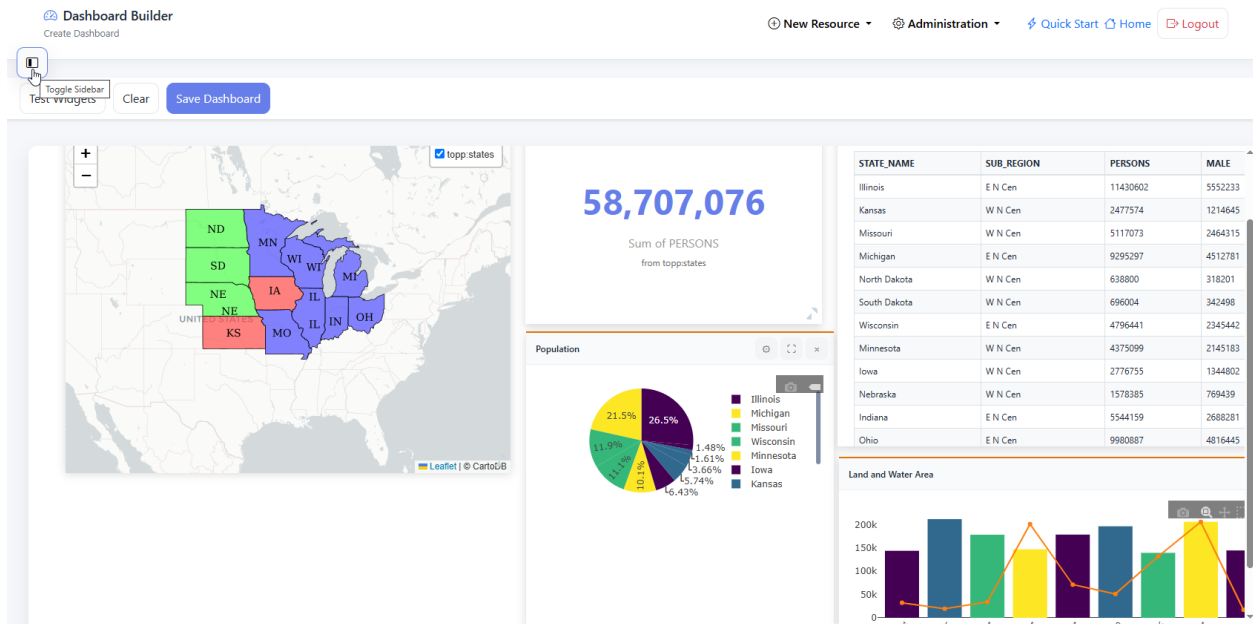
Table of Contents

- *Dashboards*
 - *Overview*
 - *Create Dashboard*
 - *Map Widget*
 - *Chart Widget*
 - *Data Tables*
 - *Counter*
 - *HTML*
 - *Save Dashboard*
 - *Dashboard Thumbnail*
 - *Edit Dashboard*
 - *Delete Dashboard*

7.1 Overview

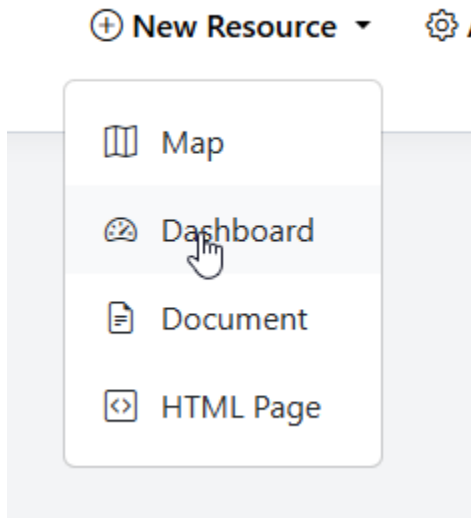
Dashboards contain a Map widget along with Chart, Table, Counter, and HTML widgets.

When creating a Dashboard, be sure to use the Toggle function in order to see full width



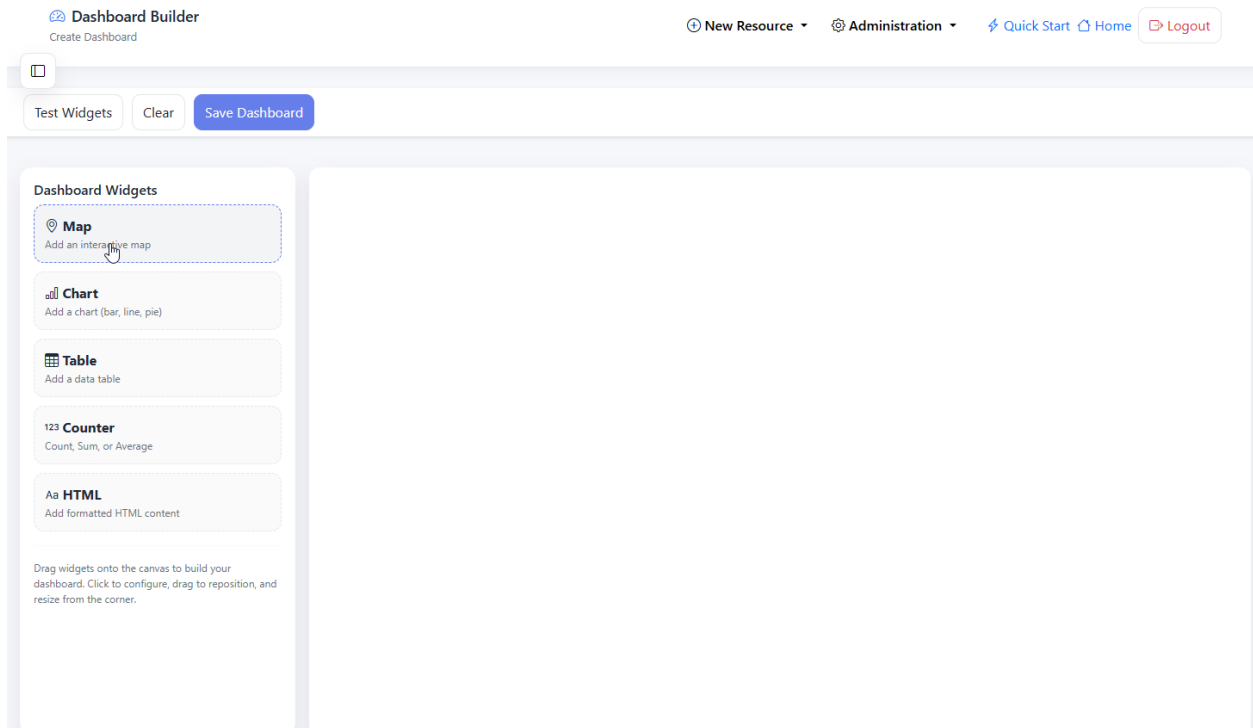
7.2 Create Dashboard

To add a new Map, go to Add Resource > Dashboard



7.3 Map Widget

Click on Map to add a Map widget



Click the Configure button



Give your map a Title, select a basemap, and select the Layer(s) you wish to use

Click Save

Configure Map

Title:

Basemap:

Select Layers:

Pk50095 (nurc)

mosaic (nurc)

apiary (topp)

states (topp)

tasmania_cities (topp)

tasmania_roads (topp)

tasmania_state_boundaries (topp)

Layer Filters

Set filters for selected WMS layers to show only specific features.

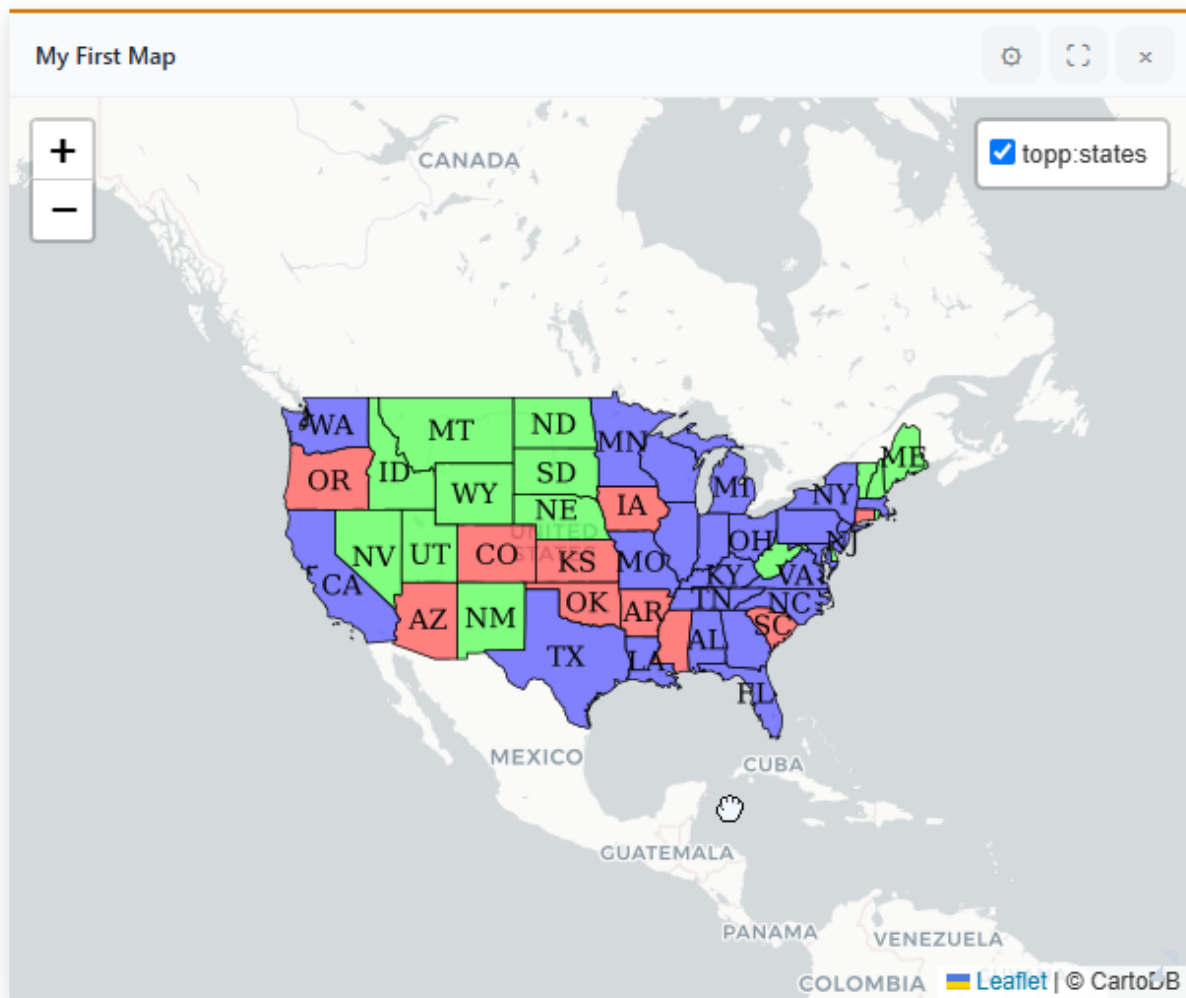
Select layers above to configure filters.

① Leave fields empty to show all features for that layer.

Cancel

Save

Position your map to where you would like it on page load



If you wish to add Filters to map, click Configure.

Add any Filters you wish to add.

Configure Map

Select Layers:

tiger_roads (tiger)

Arc_Sample (nurc)

Img_Sample (nurc)

Pk50095 (nurc)

mosaic (nurc)

apiary (topp)

states (topp)

Layer Filters

Set filters for selected WMS layers to show only specific features.

states (topp)

+ Add Condition

SUB_REGION

equals (=)

E N Cen

Remove

OR

SUB_REGION

equals (=)

W N Cen

Remove

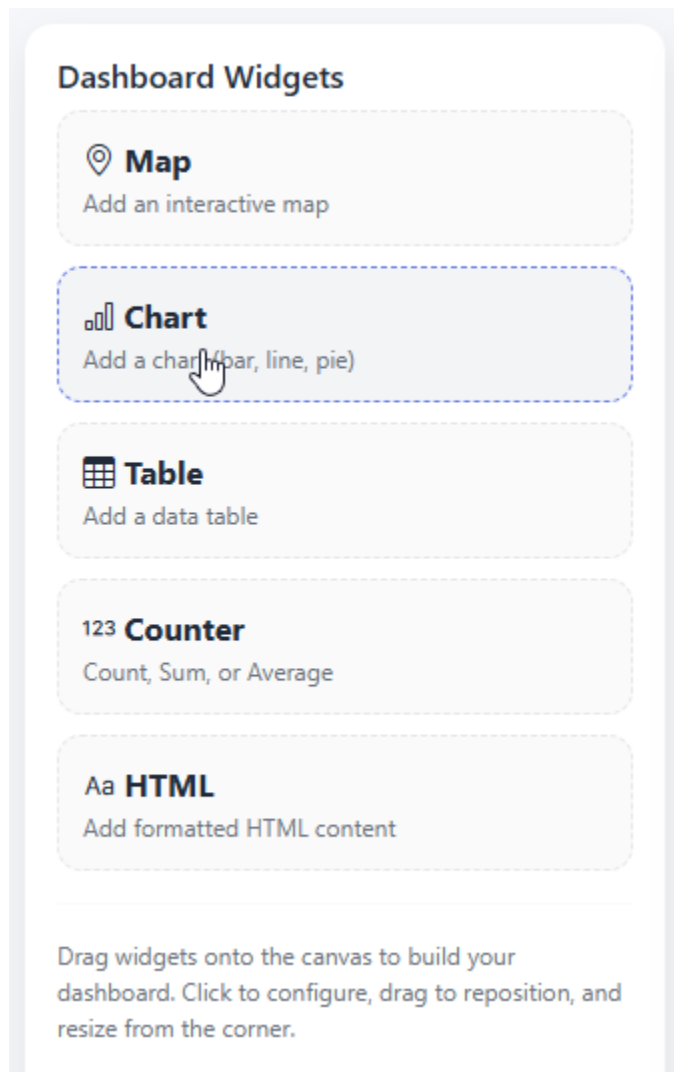
① Leave fields empty to show all features for that layer.

Cancel

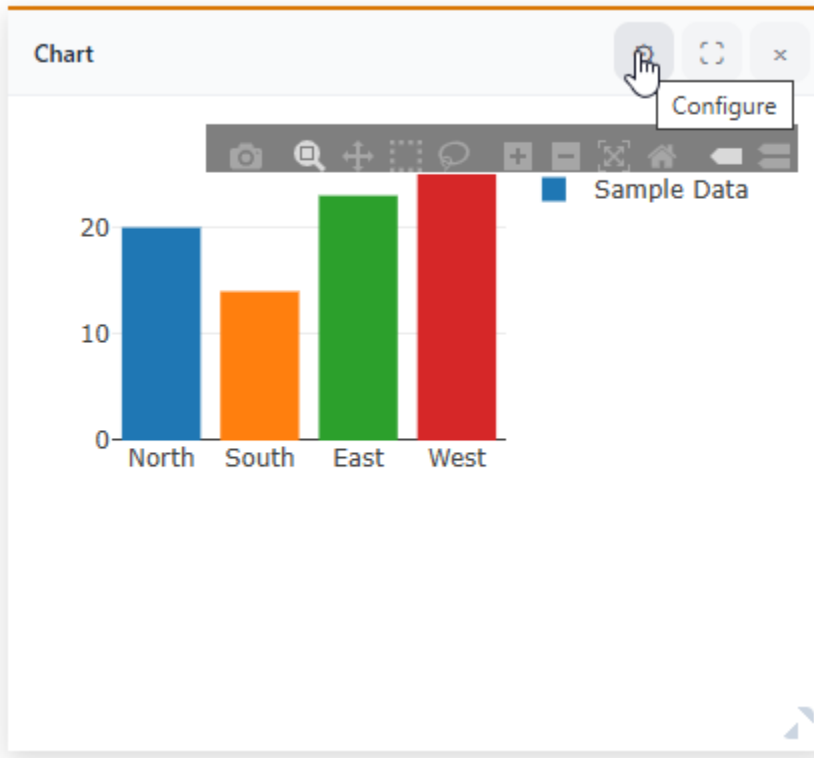
Save

7.4 Chart Widget

Click Chart to add a Chart widget



Click the configure button



Select/Enter the following value:

- Title
- Chart Type
- Show Grid
- Chart Color Scheme
- Data Layer (GeoServer Layer)
- Series Label
- Aggragation (Sum, Count)
- Enable Second Series
- X Value
- Y Value

Click Save

Configure Chart

Title:

Population

Chart Type:

Pie Chart

Show Grid:

No

Chart Color Scheme:

Viridis

Data Layer:

states

Series Label:

Population

Aggregation:

Sum

Second Series (Line - for Bar/Area charts):

Enable Second Series:

No

X Field (category):

STATE_NAME

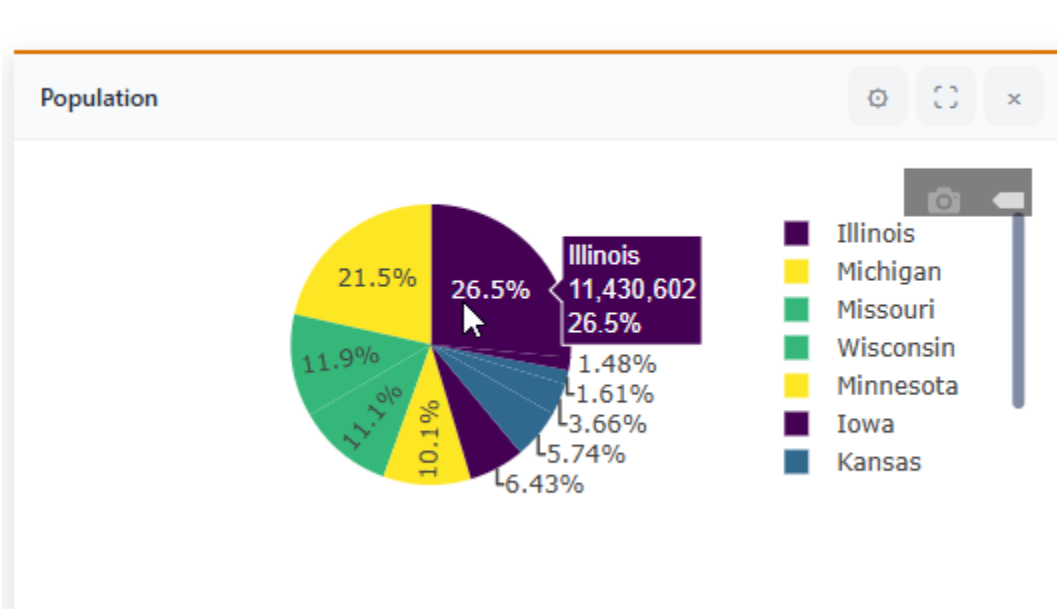
Y Field (numeric):

PERSONS

Cancel

Save

The Chart has now been created



To add a Second Series, set Enable Second Series to Yes (Only for Bar and Area Charts)

Configure Chart

Title:	Land and Water Area
Chart Type:	Bar Chart
Show Grid:	No
Chart Color Scheme:	Viridis
Data Layer:	states
Series Label:	Land
Aggregation:	Sum

Second Series (Line - for Bar/Area charts):

Enable Second Series:	No
X Field (category):	<div>No Yes</div>
Y Field (numeric):	STATE_FIPS

Cancel

Save

Select Second Series X and Y and label

Configure Chart

Show Grid:

No

Chart Color Scheme:

Viridis

Data Layer:

states

Series Label:

Land

Aggregation:

Sum

Second Series (Line - for Bar/Area charts):

Enable Second Series:

Yes

Second Y Field:

WATER_KM

Second Series Layer:

Same as primary

X Field (category):

STATE_NAME

Y Field (numeric):

LAND_KM

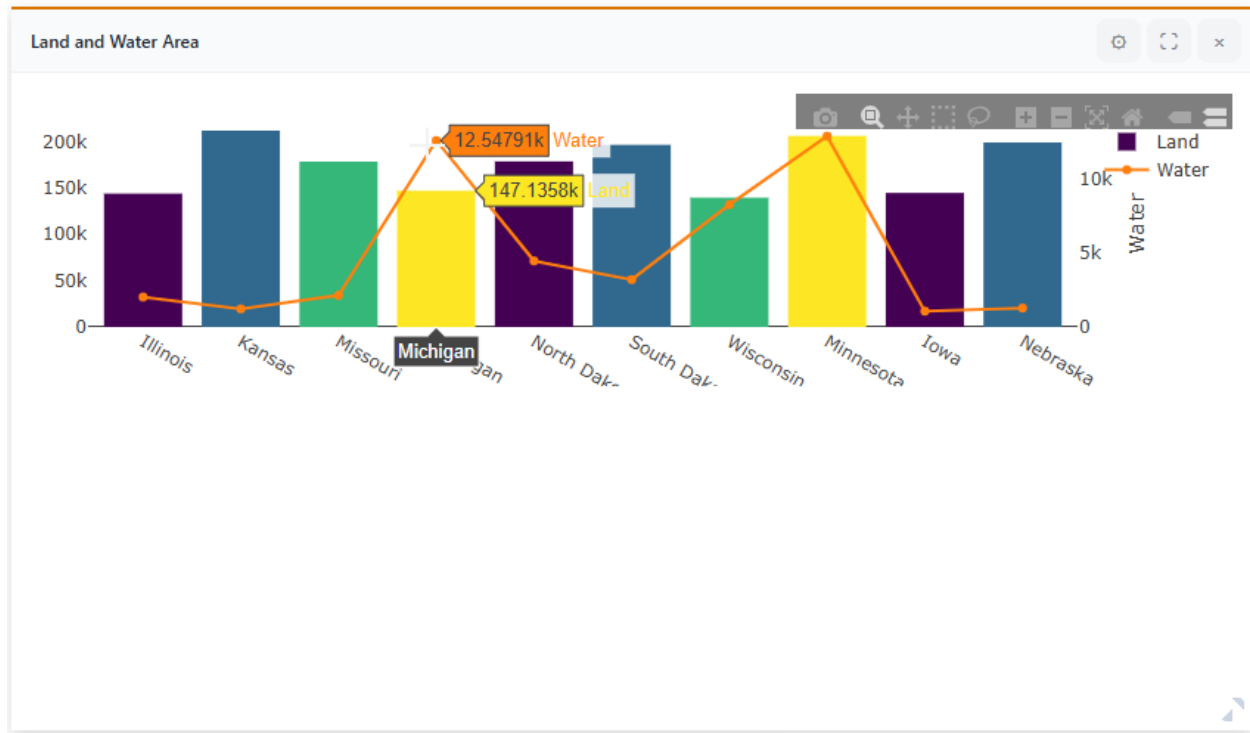
Second Series Label:

Water

Cancel

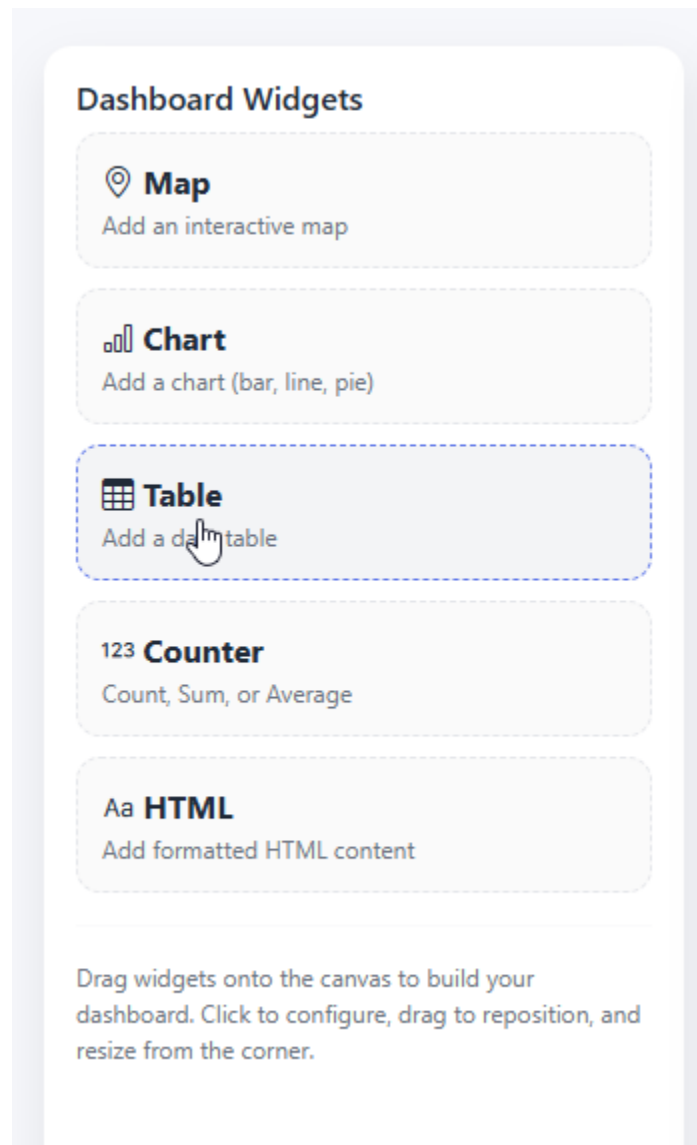
Save

The Chart has now been created.

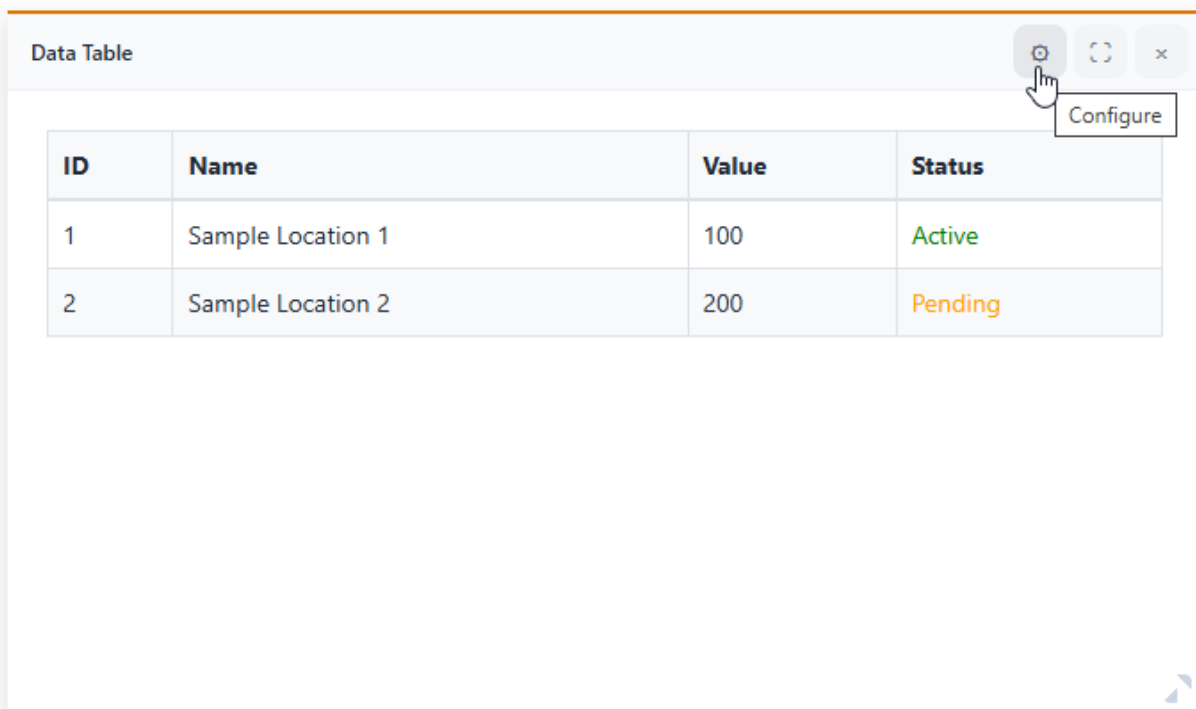


7.5 Data Tables

Click on the Table widget



Click the configure button



The screenshot shows a 'Data Table' window with a title bar containing a settings icon, a refresh icon, and a close icon. A hand cursor is pointing at the settings icon, and a 'Configure' tooltip is visible. The table itself has four columns: 'ID', 'Name', 'Value', and 'Status'. It contains two data rows. The first row has ID '1', Name 'Sample Location 1', Value '100', and Status 'Active' (in green). The second row has ID '2', Name 'Sample Location 2', Value '200', and Status 'Pending' (in orange). A small blue arrow icon is in the bottom right corner of the table area.

ID	Name	Value	Status
1	Sample Location 1	100	Active
2	Sample Location 2	200	Pending

Enter a title, and select data layer and column(s)

Note that column order can be set by dragging columns up or down

Configure Table

Title:

Population Data

Data Layer:

states

Columns:

☒

STATE_NAME

☐

STATE_FIPS

☒

SUB_REGION

☐

STATE_ABBR

☐

LAND_KM

Select columns and drag to reorder

Row Limit:

500

Cancel

Save

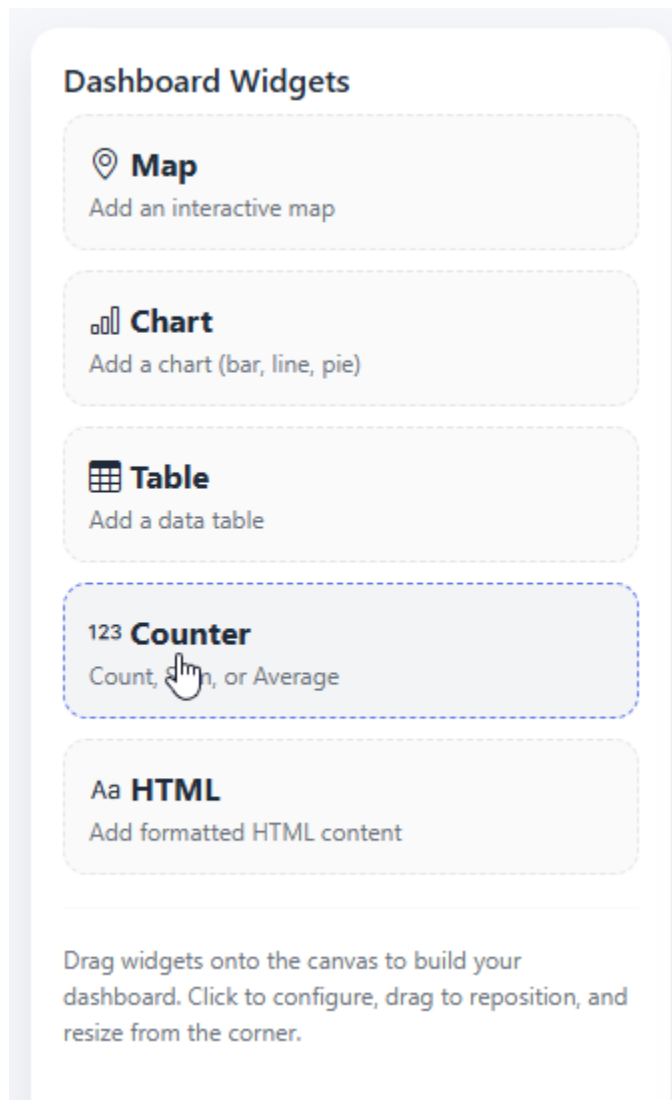
Data Tabs has been created

Population Data

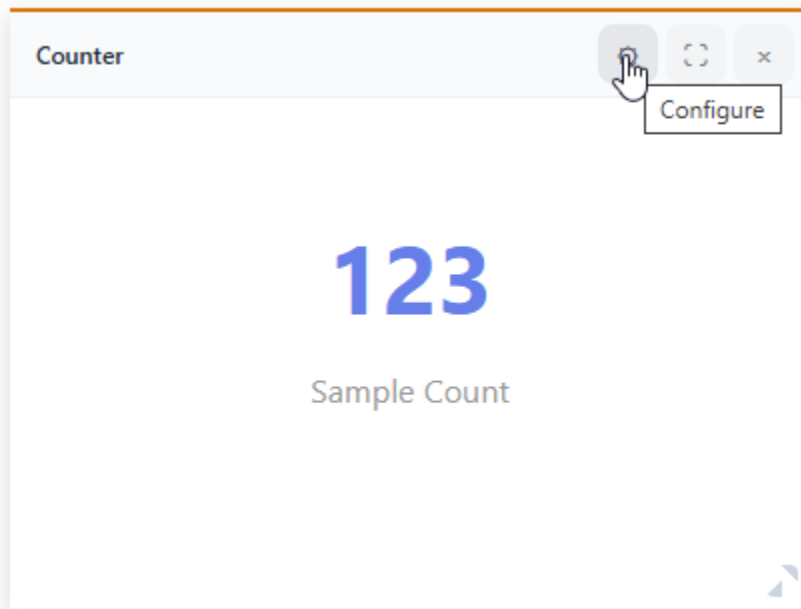
STATE_NAME	SUB_REGION	PERSONS	MALE	FEMALE
Illinois	E N Cen	11430602	5552233	5878369
Kansas	W N Cen	2477574	1214645	1262929
Missouri	W N Cen	5117073	2464315	2652758
Michigan	E N Cen	9295297	4512781	4782516
North Dakota	W N Cen	638800	318201	320599
South Dakota	W N Cen	696004	342498	353506
Wisconsin	E N Cen	4796441	2345442	2450999
Minnesota	W N Cen	4375099	2145183	2229916
Iowa	W N Cen	2776755	1344802	1431953
Nebraska	W N Cen	1578385	769439	808946
Indiana	E N Cen	5544159	2688281	2855878
Ohio	E N Cen	9980887	4816445	5164442

7.6 Counter

Click the Counter widget



Click the Configure button



Enter a title, select a data layer and operation (Count, Sum, etc..) and Field

Configure Counter

Title: Total Population

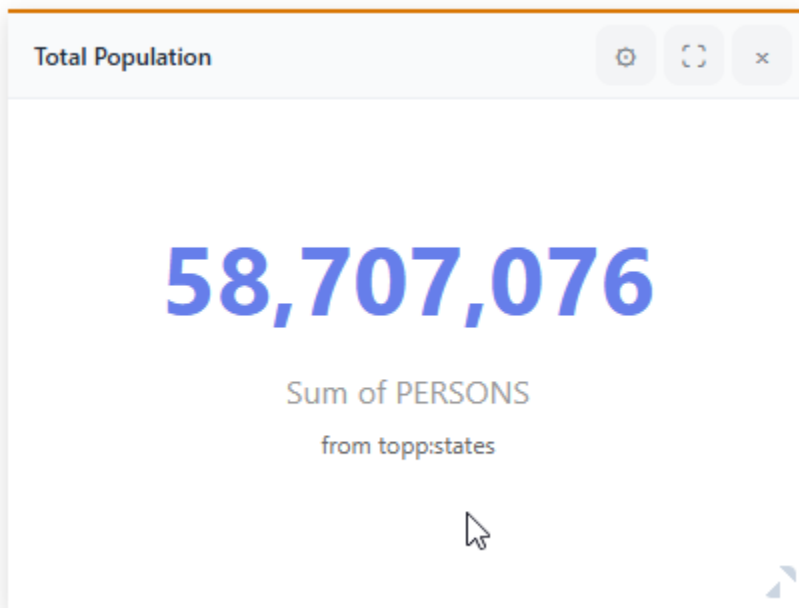
Data Layer: states

Operation: Sum

Field: PERSONS

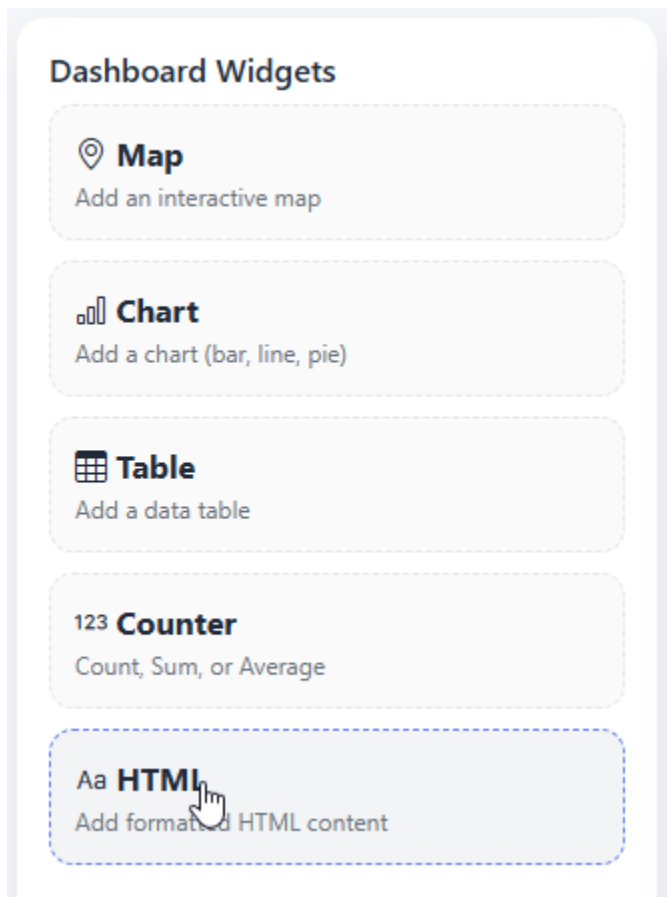
Cancel Save

The Counter has been added

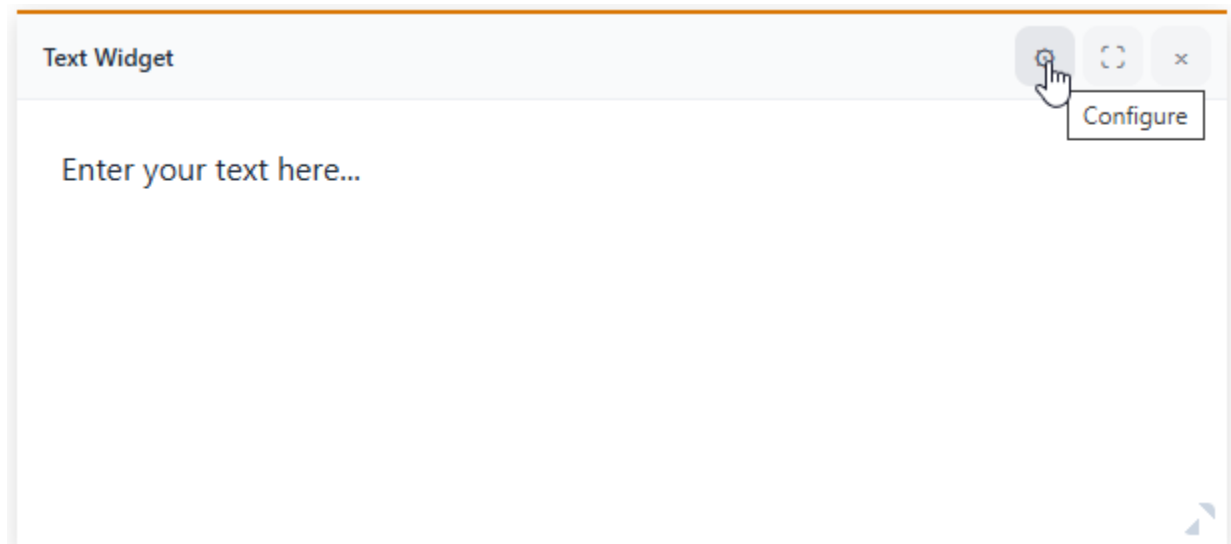


7.7 HTML

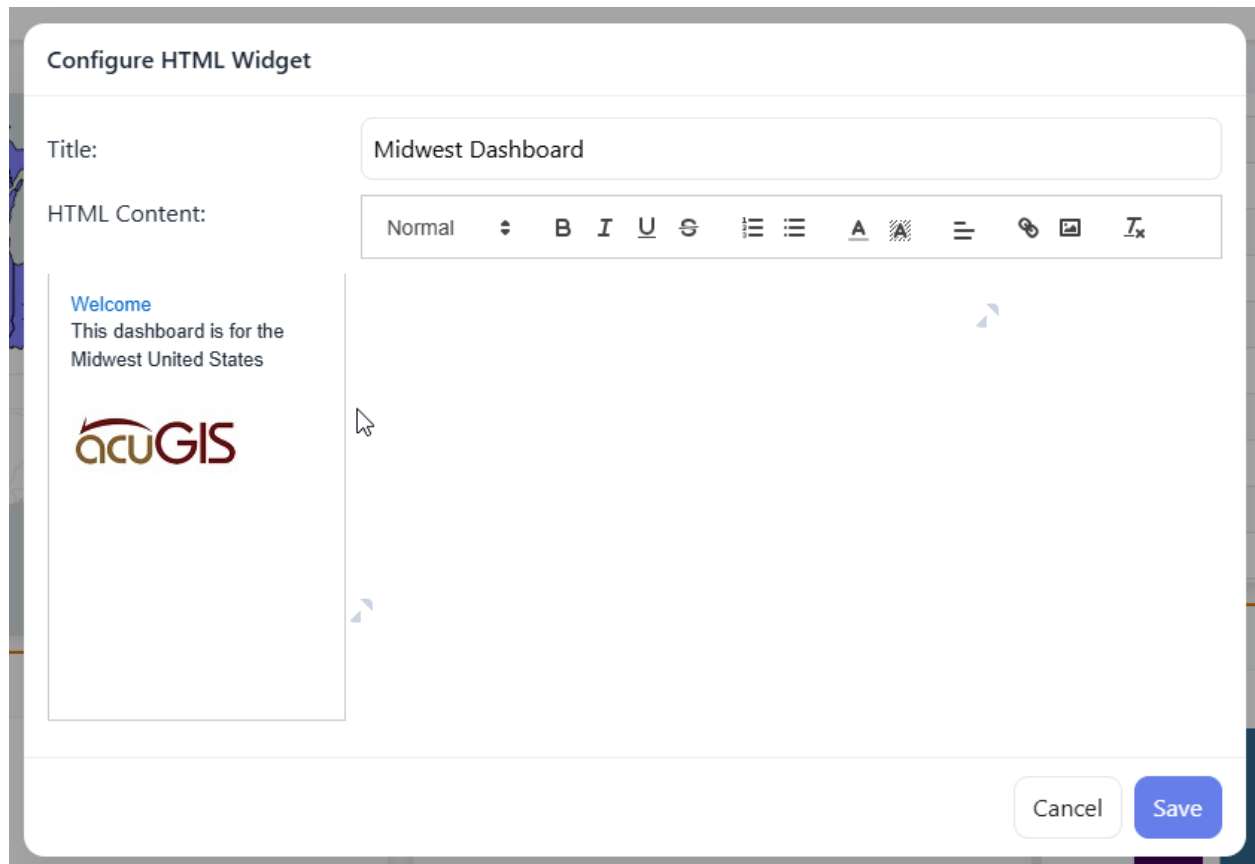
Click on the HTML widget



Click the Configure button











Add and style your HTML content



Configure HTML Widget

Title: Midwest Dashboard

HTML Content:

Normal **B** **I** **U**    **A**     

Welcome
This dashboard is for the
Midwest United States

arcGIS

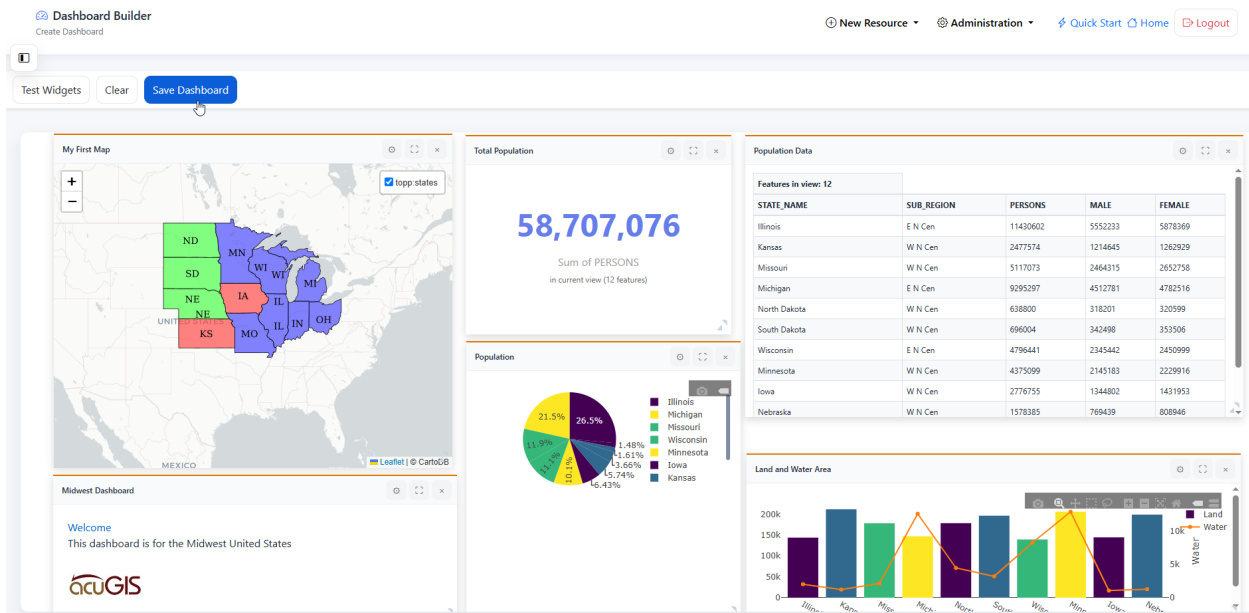
Cancel Save

Click save

Your HTML widget has been added

7.8 Save Dashboard

When ready click the Save button at top left



Give your Dashboard a Title, Description, and (optionally) select a Category

Save Dashboard

Title:

My First Dashboard

Description:

My First GeoLite Dashboard

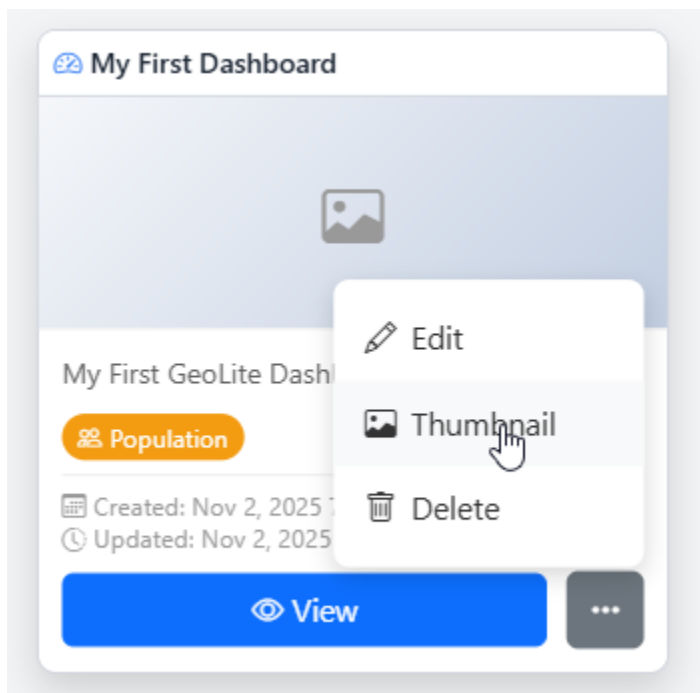
Category:

Population

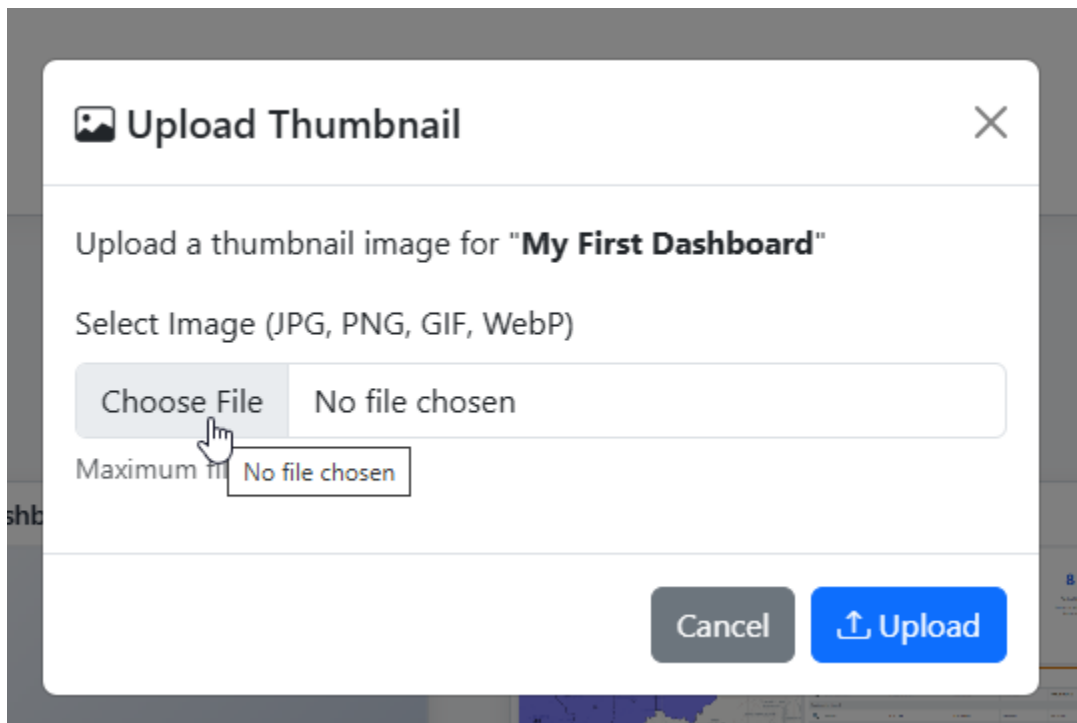
Cancel Save

7.9 Dashboard Thumbnail

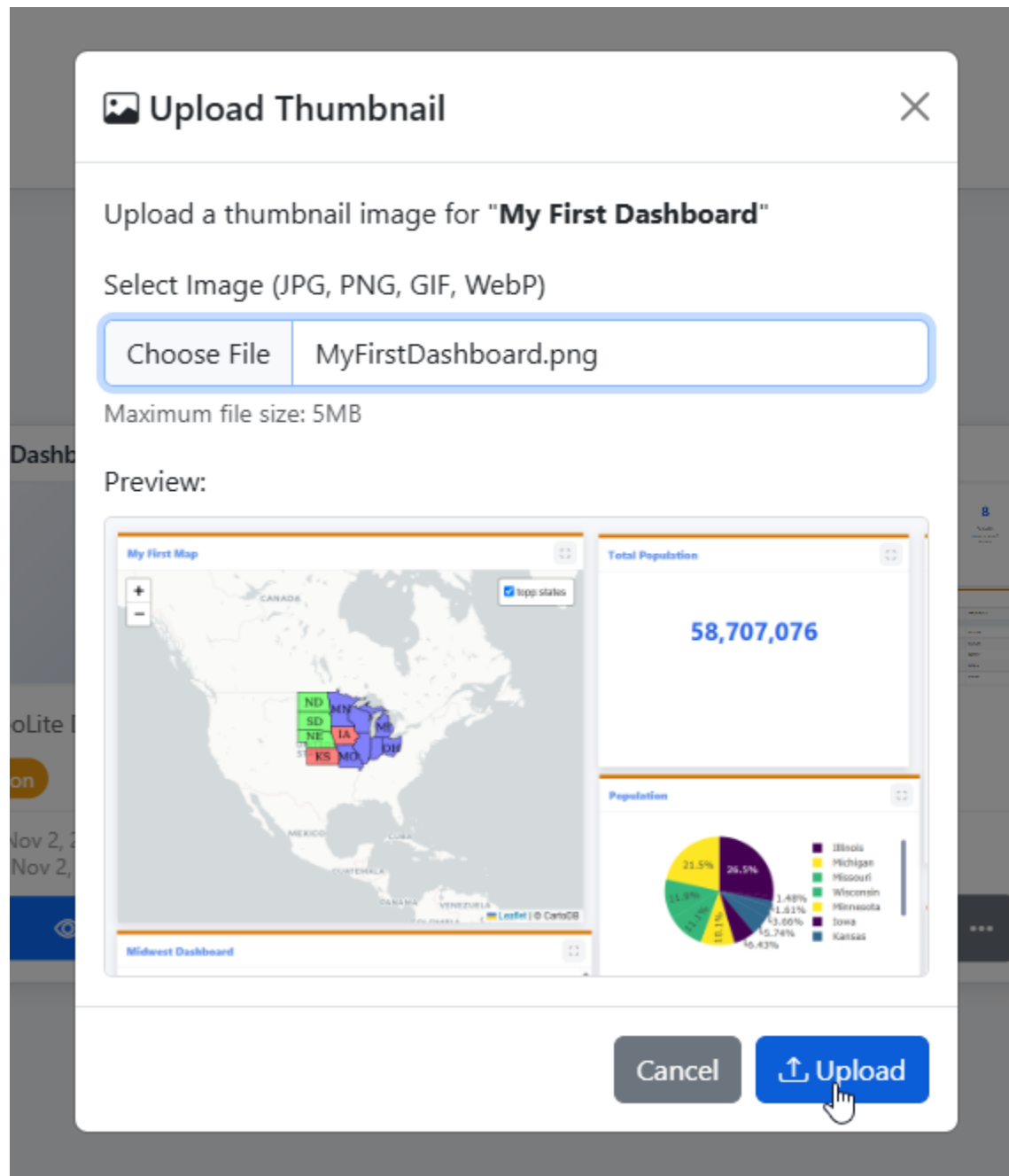
To set a thumbnail for the Dashboard, select Thumbnail on the menu



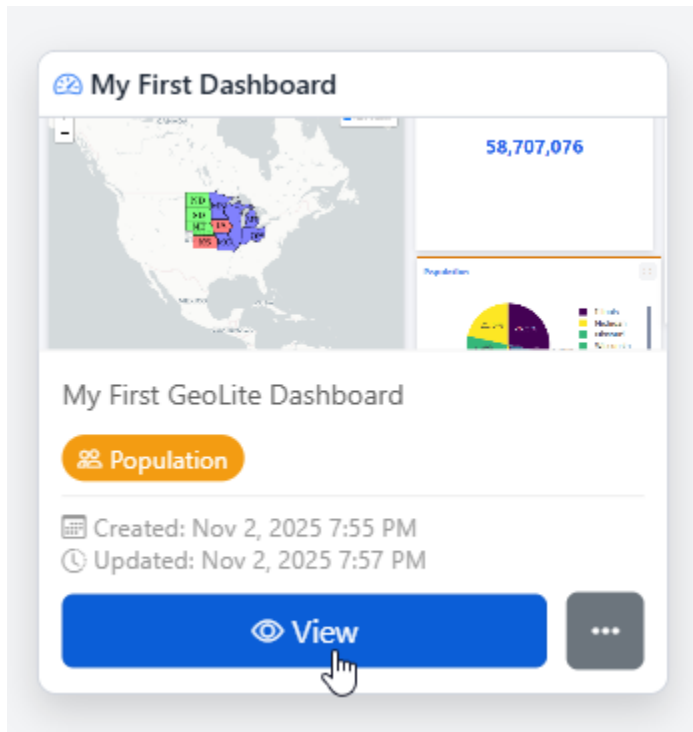
Browse to image you wish to use



Click Upload



Your thumbnail has now been set



7.10 Edit Dashboard

To edit a Dashboard, click the edit link

Make any changes or updates, making sure to click Save as you go

7.11 Delete Dashboard

To delete a Map, click the delete icon

DOCUMENTS

Table of Contents

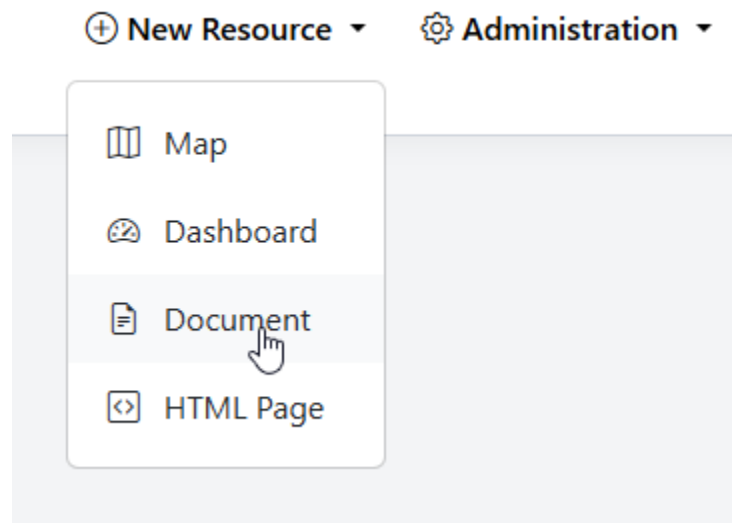
- *Documents*
 - *Overview*
 - *Create Document*
 - *Document Thumbnail*
 - *Edit Document*
 - *Delete Document*

8.1 Overview

Documents can be uploaded to GeoLite and use Permissions like other Resources.

8.2 Create Document

To add a new Document, go to Add Resource > Document




Give your Document a Name, Description, and (optionally) select a Category

Browse to the location of file

A screenshot of the 'Upload New Document' form in the GeoLite application. The form is titled 'Upload New Document' with a cloud icon. It contains several input fields: 'Title *' with the value 'My First Document', 'Description' with the value 'My First GeoLite Document', and 'Category' with the value 'Environment'. Below these is the 'Document File *' section, which includes a 'Choose File' button and the text 'No file chosen'. A note below this section states 'Supported formats: PDF, DOCX, XLSX, TXT, etc. Max size: 10MB'. At the bottom of the form is a blue button labeled 'Upload Document' with an upward arrow icon.

Click Upload Document

 **Upload New Document**

Title *

Description


Category


Document File *

Bees_Laax.png


Supported formats: PDF, DOCX, XLSX, TXT, etc. Max size: 10MB


Your Document has now been added


 **My First Document**




My First GeoLite Document

 **Environment**

 89.53 KB

 Created: Nov 2, 2025 8:00 PM



8.3 Document Thumbnail

To set a thumbnail for the Document, select Thumbnail on the menu

Chose your thumbnail and click Upload

8.4 Edit Document

To edit a Document, click the edit link

Make any changes or updates, making sure to click Update Map as you go

Once completed, click the Update button

8.5 Delete Document

To delete a Document, click the delete icon

Table of Contents

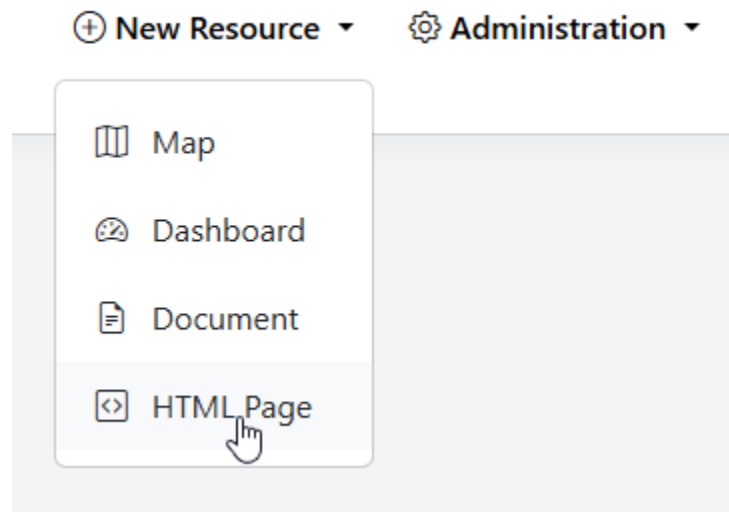
- *HTML*
 - *Overview*
 - *Create HTML*
 - *HTML Thumbnail*
 - *Edit HTML*
 - *Delete HTML*

9.1 Overview

HTML widgets are used to add HTML and media content.

9.2 Create HTML

To add a new HTML page, go to Add Resource > HTML



Enter the Title, Description, and (optionally), a Category.

Enter and style your HTML content

Create New HTML Page

Title *

My First Page



Description





My First GeoLite HTML Page


Category

Administrative

HTML Content *

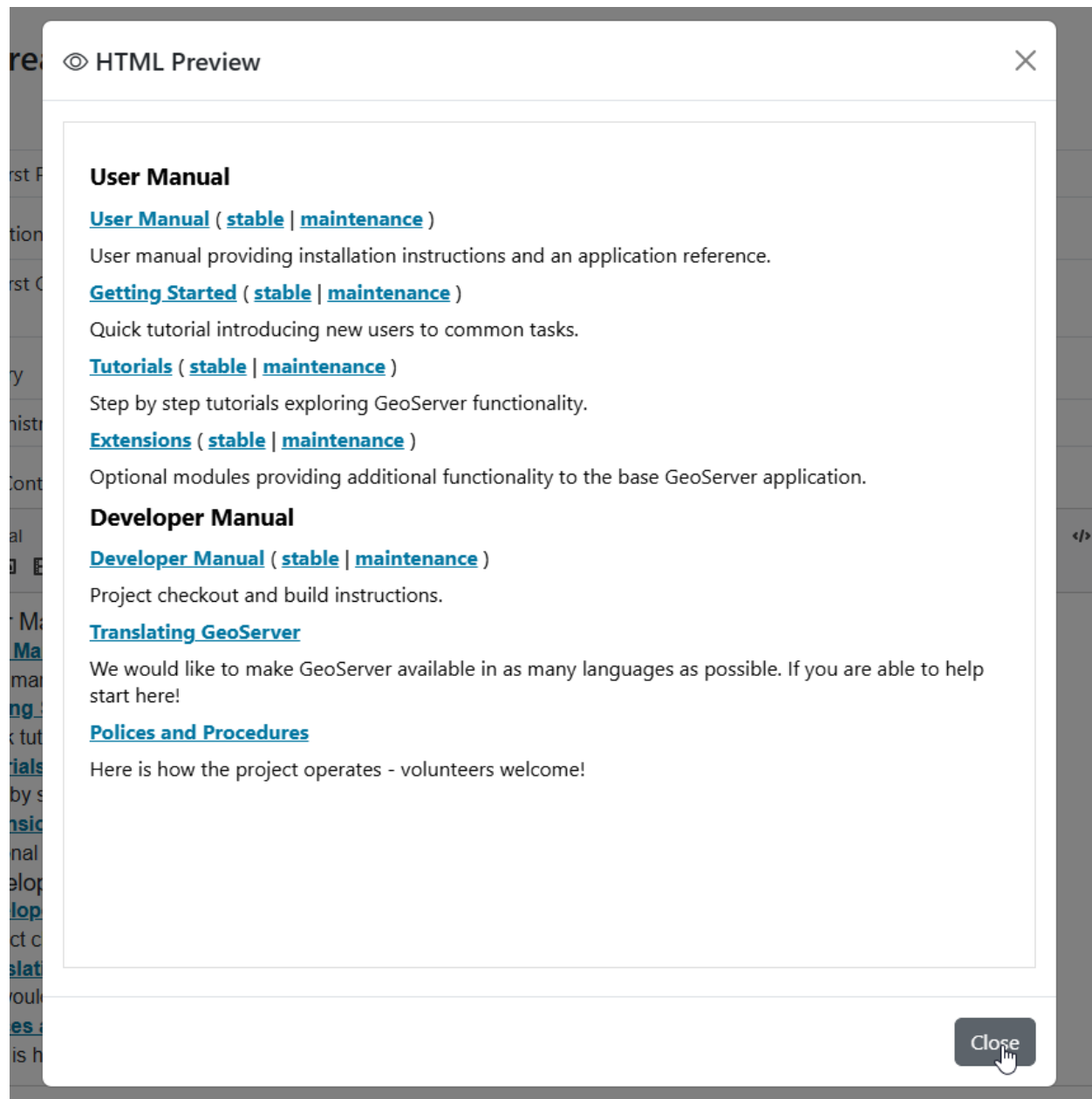
Normal
Sans Serif
Normal
B
I
U

A

x₂
x²

 Create Page

 Preview

Use the Preview button to preview the content



Click Create Page

Create New HTML Page

Title *

My First Page

Description

My First GeoLite HTML Page

Category

Administrative

HTML Content *

Normal

Sans Serif

Normal

B

I

U

A

x₂

x²

User Manual

[User Manual](#) ([stable](#) | [maintenance](#))

User manual providing installation instructions and an application reference.

[Getting Started](#) ([stable](#) | [maintenance](#))

Quick tutorial introducing new users to common tasks.

[Tutorials](#) ([stable](#) | [maintenance](#))

Step by step tutorials exploring GeoServer functionality.

[Extensions](#) ([stable](#) | [maintenance](#))

Optional modules providing additional functionality to the base GeoServer application.

Developer Manual

[Developer Manual](#) ([stable](#) | [maintenance](#))

Project checkout and build instructions.

[Translating GeoServer](#)

We would like to make GeoServer available in as many languages as possible. If you are able to help start here!

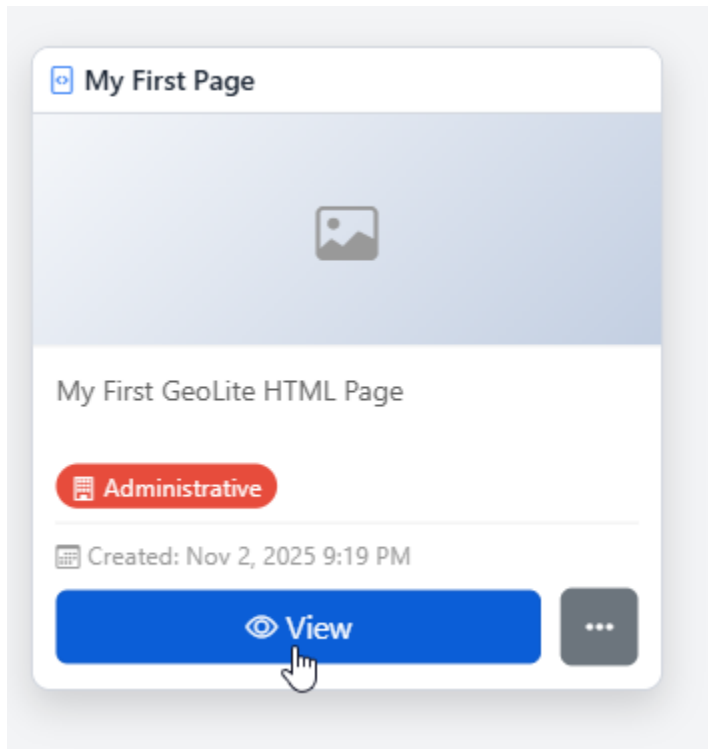
[Policies and Procedures](#)

Here is how the project operates - volunteers welcome!

Create Page

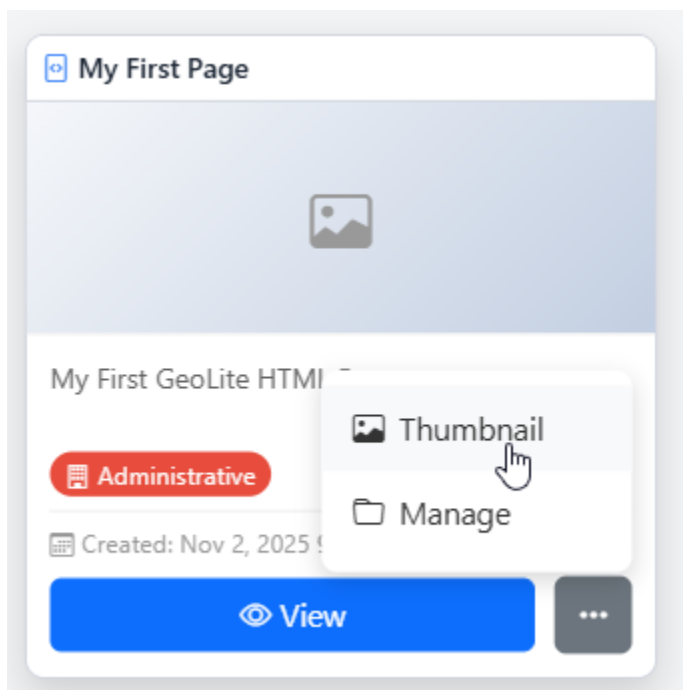
Preview

The HTML widget is created:



9.3 HTML Thumbnail

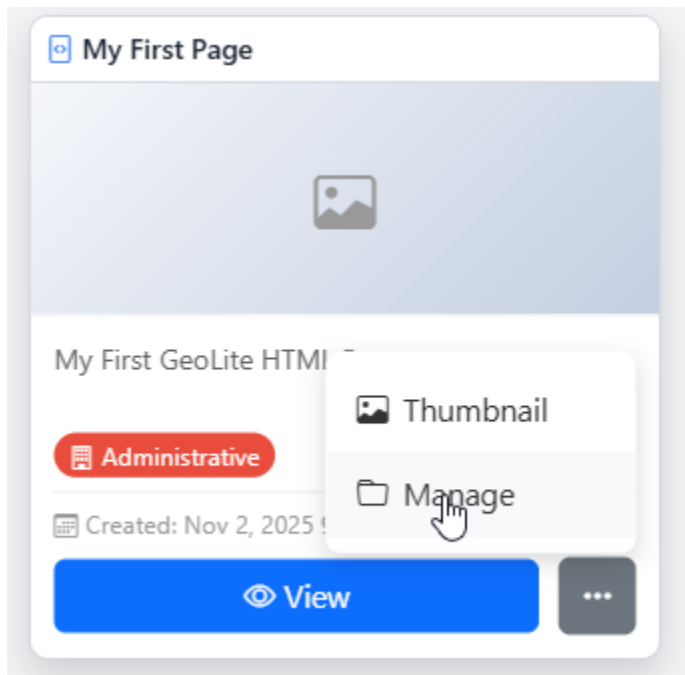
To set a thumbnail for the HTML widget, select Thumbnail on the menu



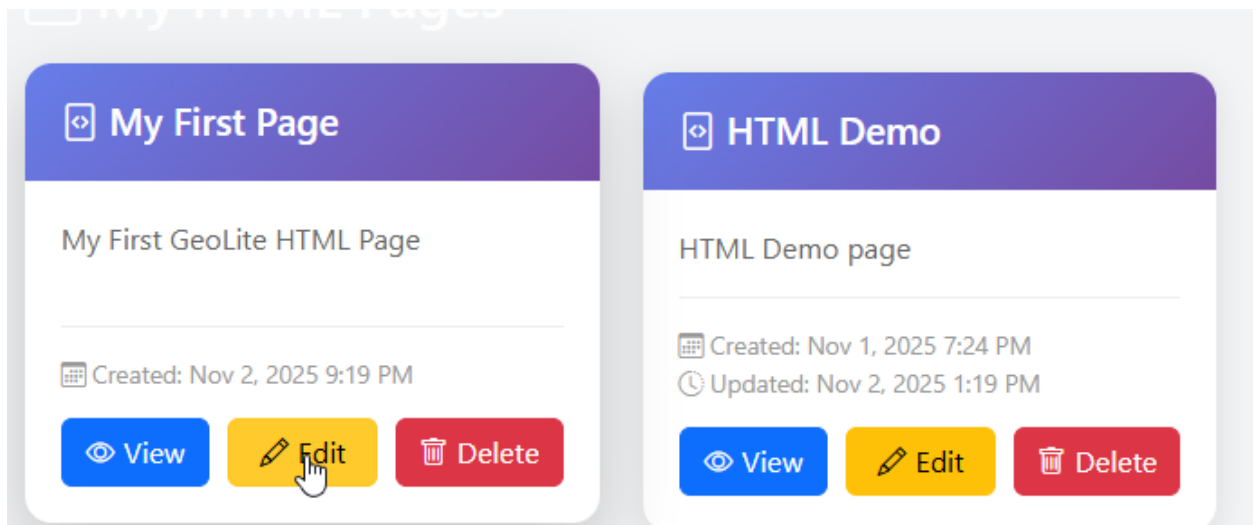
Upload the thumbnail image you wish to use

9.4 Edit HTML

To edit a Map, click the Manage link



On the HTML management page, click Edit for your HTML widget



Make any changes or updates, making sure to click Update when done.

9.5 Delete HTML

To delete a HTML widget, click the delete icon for the widget on the HTML management page.

PERMISSIONS

Table of Contents

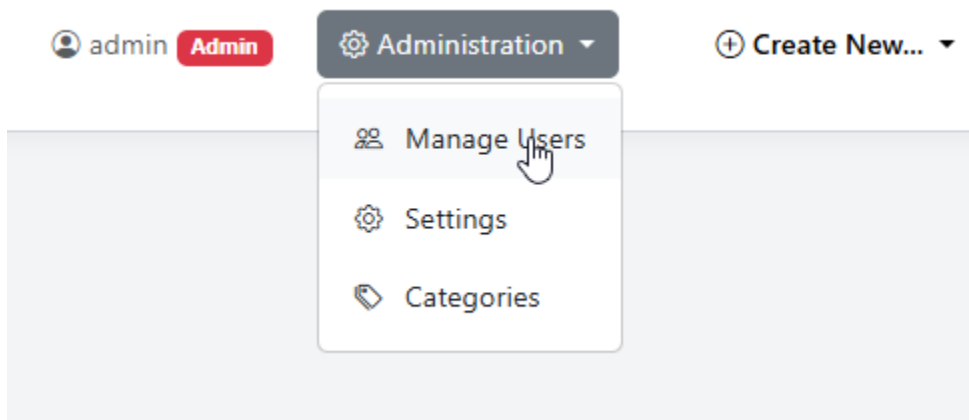
- *Permissions*
 - *Overview*
 - *Grant*
 - *Edit Permissions*
 - *Revoke*

10.1 Overview

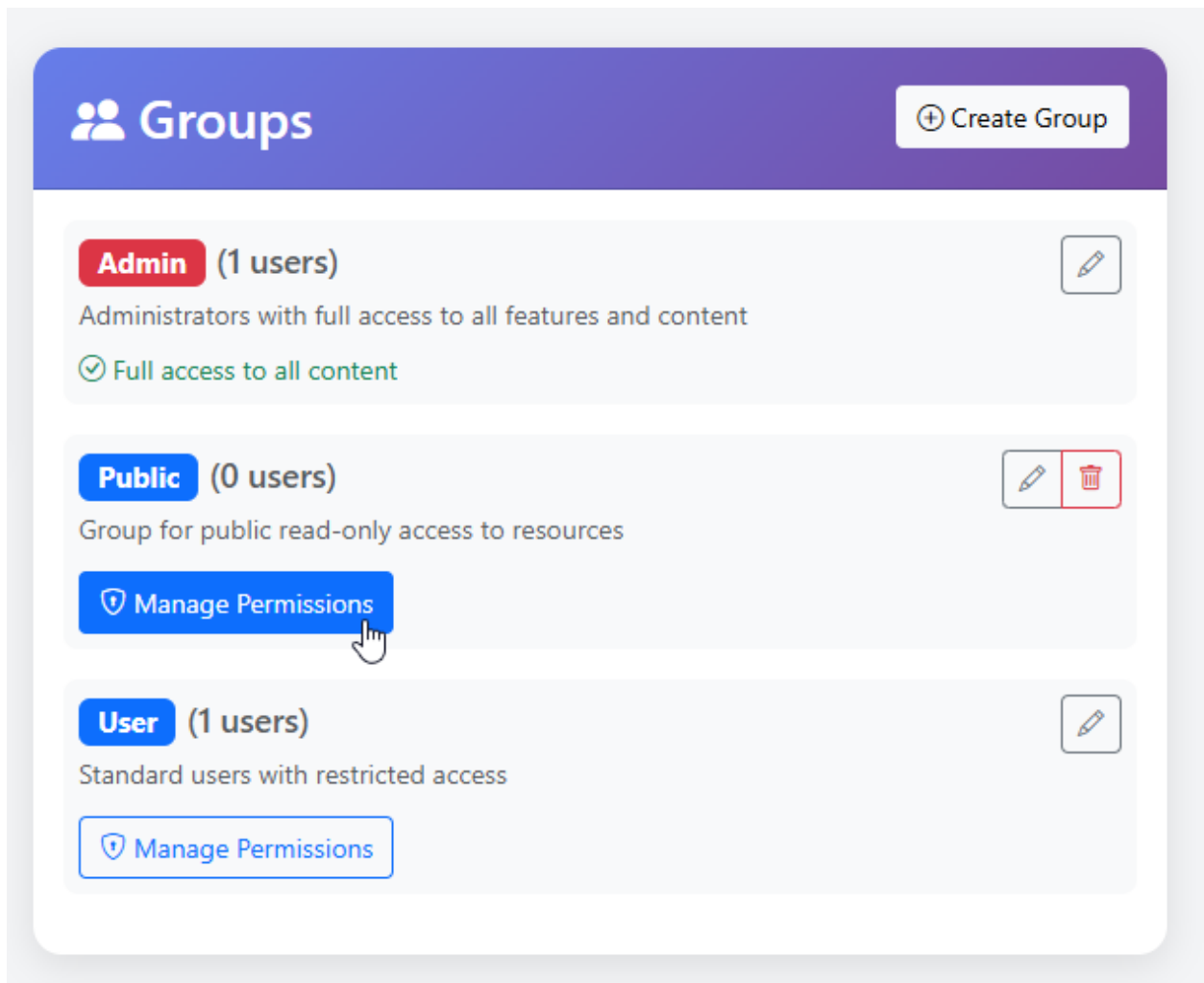
Permissions on Resources (Maps, Dashboard, Documents, and HTML) are assigned to Groups via the Users page

10.2 Grant

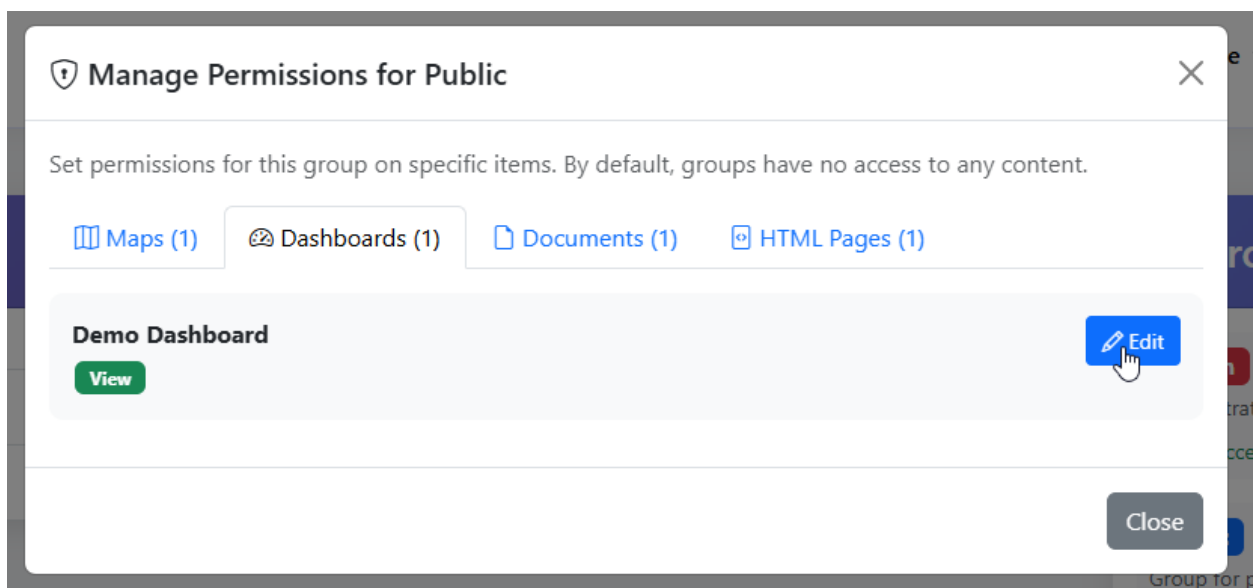
To assign permissions for a Resource, go to Administration > Manage Users



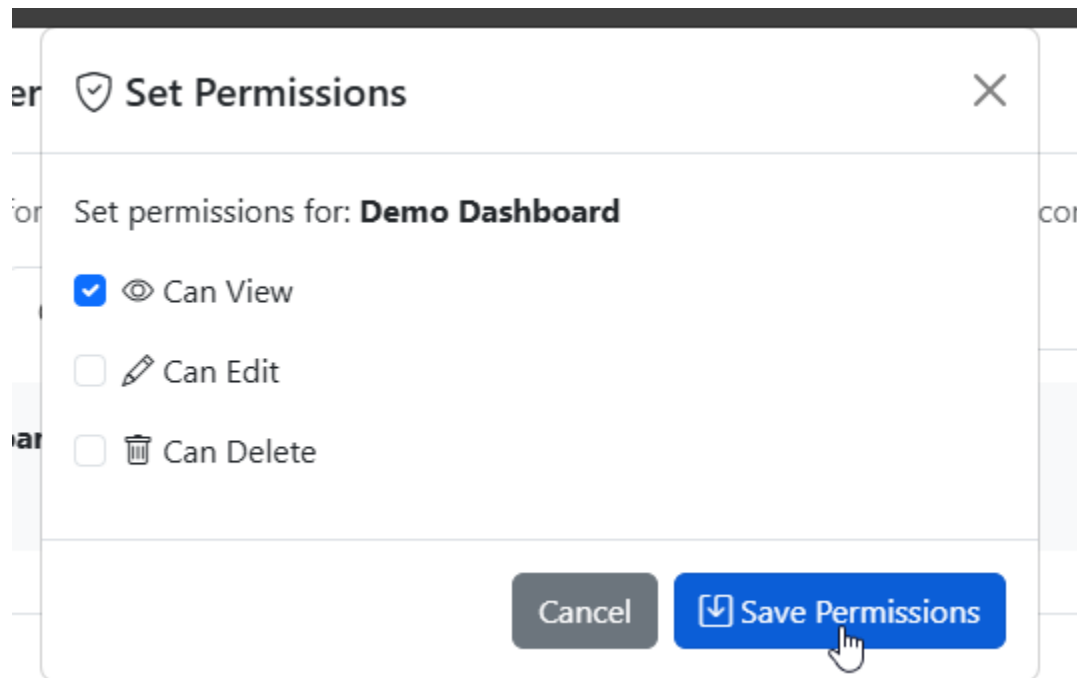
Click the Manage Permissions button for the Group



Go to the tab(s) for the resource and click the Edit button



Assign the permissions you want for the Group



10.3 Edit Permissions

To edit permissions, click on Manage Permissions button.

Make the desired edits and click Update

10.4 Revoke

To Revoke permissions, click on Manage Permissions button.

Revoke the desired permissions and click Update

CATEGORIES


Table of Contents

- *Categories*
 - *Overview*
 - *Create Category*
 - *Edit Category*
 - *Delete Category*


11.1 Overview


Categories are used for Search and organization.


GeoLite comes prepopulated with common Categories. These can be edited or deleted.


 **Categories**
Manage categories for organizing your maps and content


[+ New Resource](#) [Administration](#) [Home](#) [Logout](#)


 **Categories**
Manage categories for organizing your maps and content [+ Add Category](#)


 **Administrative**
● bi-building
Administrative boundaries, districts, and jurisdictional areas
Created: Oct 25, 2025 [Edit](#) [Delete](#)


 **Boundaries**
● bi-diagram-2
International borders, state lines, and territorial boundaries
Created: Oct 25, 2025 [Edit](#) [Delete](#)


 **Cultural**
● bi-building
Historical sites, monuments, museums, and cultural landmarks
Created: Oct 25, 2025 [Edit](#) [Delete](#)


 **Economic**
● bi-shop
Business districts, commercial areas, and economic zones
Created: Oct 25, 2025 [Edit](#) [Delete](#)

 **Elevation**
● bi-mountain
Topography, elevation contours, and terrain features
Created: Oct 25, 2025 [Edit](#) [Delete](#)

 **Emergency Services**
● bi-hospital
Fire stations, police stations, hospitals, and emergency facilities
Created: Oct 25, 2025 [Edit](#) [Delete](#)

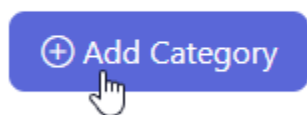
 **Environment**
● bi-flower1
Environmental features, protected areas, and ecological zones
Created: Oct 25, 2025 [Edit](#) [Delete](#)

 **Infrastructure**
● bi-gear
Bridges, dams, ports, and major infrastructure projects
Created: Oct 25, 2025 [Edit](#) [Delete](#)

 **Land Use**
● bi-tree
Land cover, zoning, agricultural areas, and land use classifications
Created: Oct 25, 2025 [Edit](#) [Delete](#)

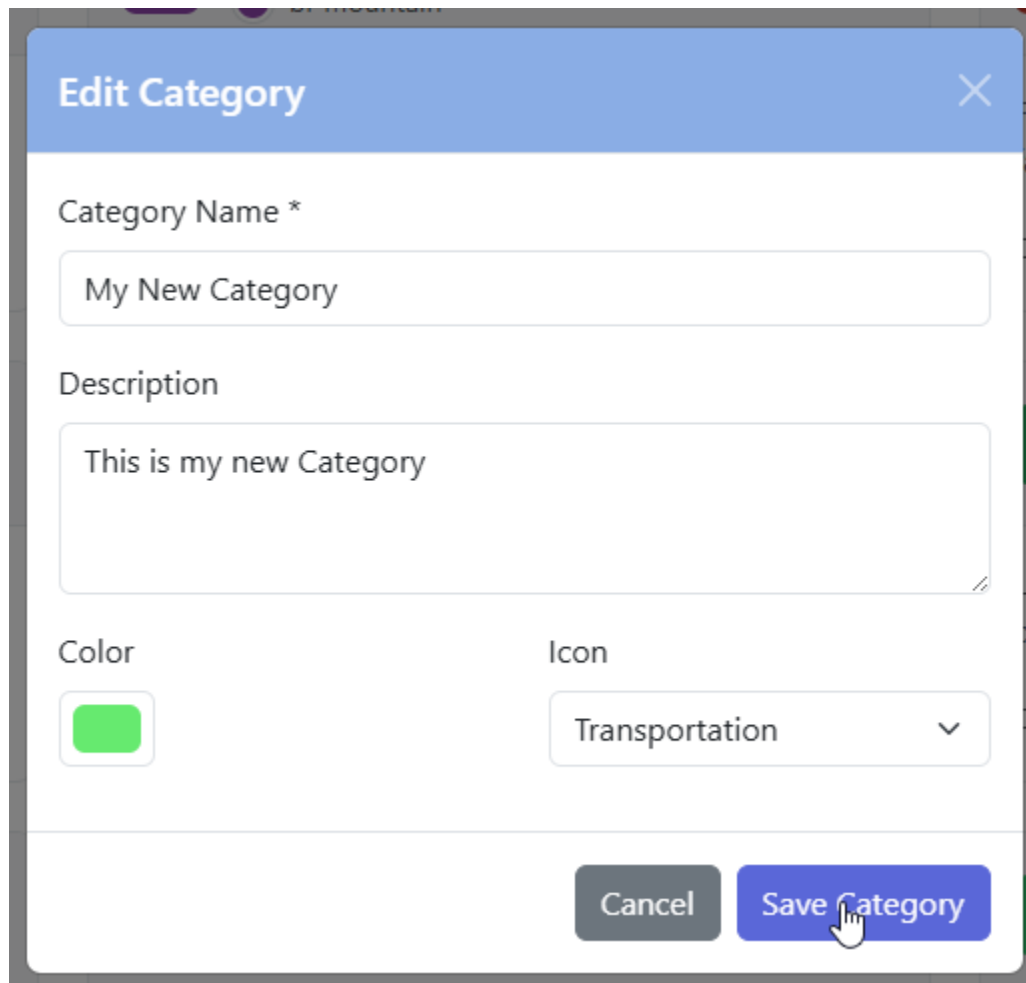
11.2 Create Category

To add a new Category, click the “Add New” button at top.



Give your Category a name and description and select color and icon.

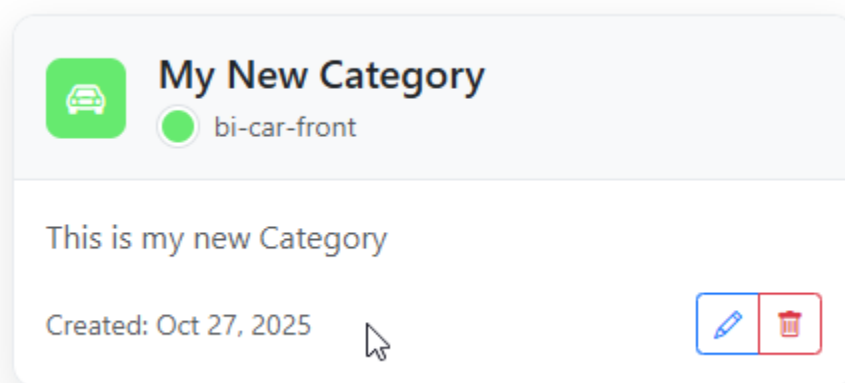
Click Save



The image shows a modal dialog box titled "Edit Category" with a close button (X) in the top right corner. The dialog contains the following fields and controls:

- Category Name ***: A text input field containing "My New Category".
- Description**: A text area containing "This is my new Category".
- Color**: A color selection box showing a green square.
- Icon**: A dropdown menu showing "Transportation" with a downward arrow.
- Buttons**: "Cancel" and "Save Category" buttons at the bottom right. A mouse cursor is hovering over the "Save Category" button.

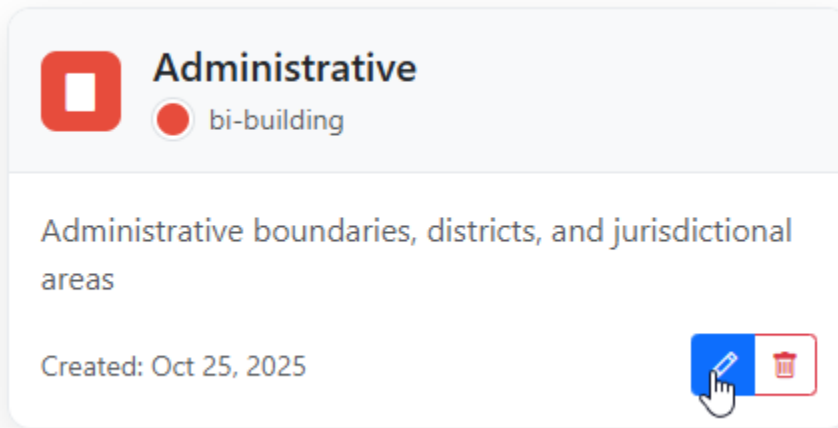
The Category has been created



The image shows a category card for "My New Category". It features a green car icon, a green circle with a white car icon, and the text "bi-car-front". Below the title is the description "This is my new Category". At the bottom left, it says "Created: Oct 27, 2025". At the bottom right, there are two icons: a blue pencil icon and a red trash can icon. A mouse cursor is hovering over the "Created" text.

11.3 Edit Category

To edit a Category, click the edit icon



Make your edits and click the Save Category button

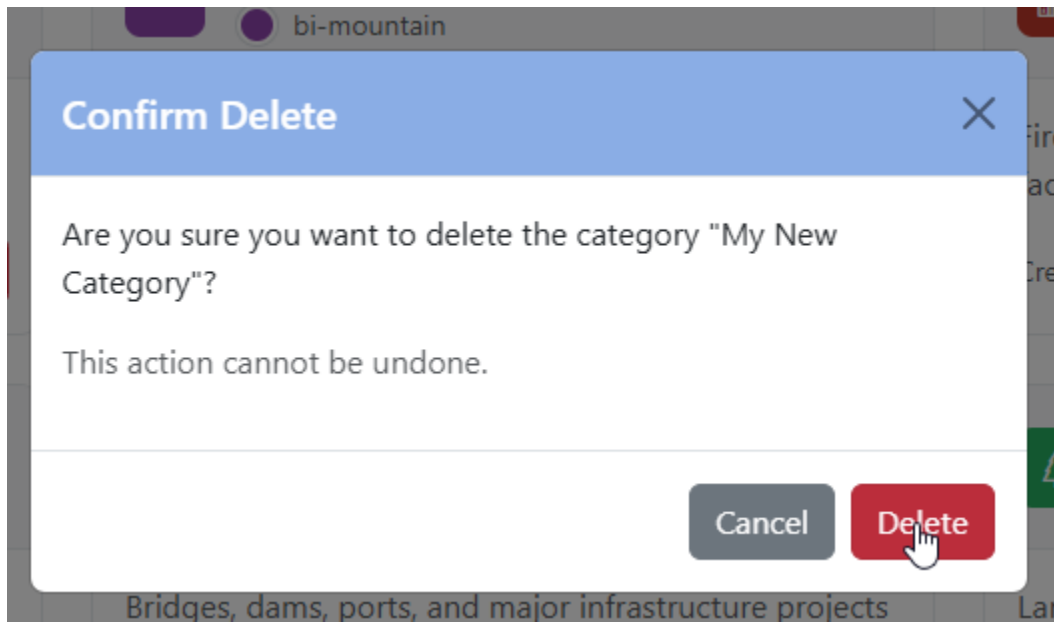
A dialog box titled 'Edit Category' with a close button (X) in the top right corner. It contains the following fields:

- Category Name ***: A text input field containing 'Administrative'.
- Description**: A text area containing 'Administrative boundaries, districts, and jurisdictional areas'.
- Color**: A color picker showing a red square.
- Icon**: A dropdown menu showing 'Building' with a downward arrow.

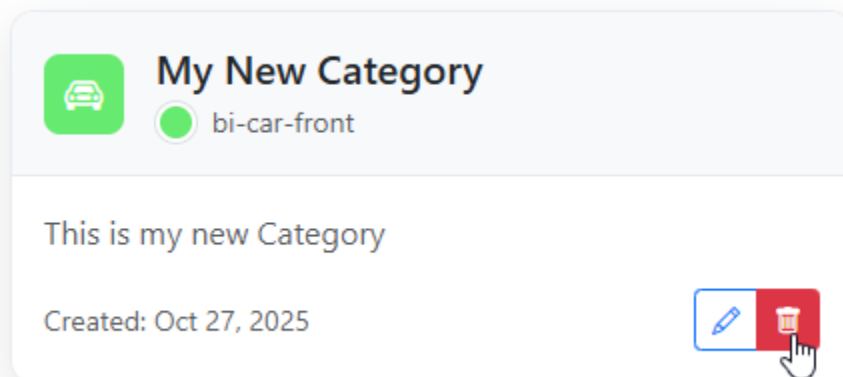
At the bottom, there are two buttons: 'Cancel' and 'Save Category'. A hand cursor is pointing at the 'Save Category' button.

11.4 Delete Category

To delete a Category, click the delete icon



Confirm deletion



SETTINGS

Table of Contents

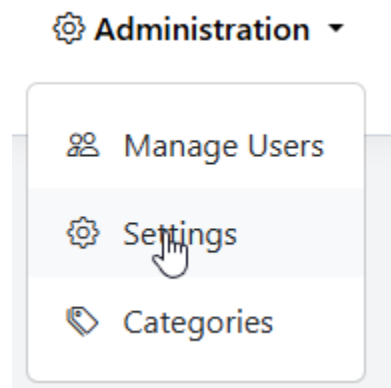
- *Settings*
 - *Overview*
 - *Access*

12.1 Overview


The Settings section allows to manage basic site settings.



12.2 Access

To access the Settings page, click Administration > Settings



Make any desired changes and click Save Settings

 **Settings**
Admin Settings


[New Resource](#)  [Administration](#) 

[Home](#) [Logout](#)

Site Settings

Site name

Primary color Hex (e.g., #10b981)


667eea 


Footer text


Logo (PNG/JPG/WebP/SVG) Hero image (PNG/JPG/WebP/SVG)

Choose File No file chosen

Choose File No file chosen

 Save settings

 Preview login

 Back to Home

This updates the database. If `settings.php` exists, it is merged as fallback.

dashboard/index

PROJECT SUPPORT

13.1 Contributing

We welcome all contributors.

While any code contributions are welcome, areas that could use improvement are:

- Providing feedback
- Email Formatting
- iReport Library Updates

13.2 Issues

If you've found a bug, let us know.

13.3 Pull Requests

Create a fork of our repo.

To submit a pull request for a **new feature**:

1. Run the tests. Every pull request for a new feature should have an accompanying unit test and docs changes.
2. Create a new branch off of the *master* branch for your feature.
3. Add a test (or multiple tests) for your feature.
4. Add your new feature.
5. Push to your fork and submit the pull request.

To submit a **bug fix**:

1. Create a new branch off of the *master* branch.
2. Add a test that demonstrates the bug.
3. Make the test pass.
4. Push to your fork and submit the pull request!

To submit a **documentation fix**:

1. Create a new branch off of the *master* branch.

2. Add your documentation fixes (no tests required).
3. Push to your fork and submit the pull request!

COMMERCIAL SUPPORT

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Version 3, 29 June 2007

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed

this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents.

States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

“This License” refers to version 3 of the GNU General Public License.

“Copyright” also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

“The Program” refers to any copyrightable work licensed under this License. Each licensee is addressed as “you”. “Licensees” and “recipients” may be individuals or organizations.

To “modify” a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a “modified version” of the earlier work or a work “based on” the earlier work.

A “covered work” means either the unmodified Program or a work based on the Program.

To “propagate” a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To “convey” a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays “Appropriate Legal Notices” to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The “source code” for a work means the preferred form of the work for making modifications to it. “Object code” means any non-source form of a work.

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