



Basic add layer tutorial

based on [GeoNode Users Guide](#)
for [Data Atlas Fontium](#) platform

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About the tutorial

This tutorial is dedicated to non-advanced Users of the [Data Atlas Fontium](#) platform.

data.atlasfontium.pl is a repository of historical geodata managed by the Department of Historical Atlas (IH PAN). It allows storing historical sources and materials that have a spatial dimension and as such can easily be viewed as maps.

In this manual we describe how to add layers.

Tutorial was based on [GeoNode Users Guide](#), where you can find more advanced and detailed information.

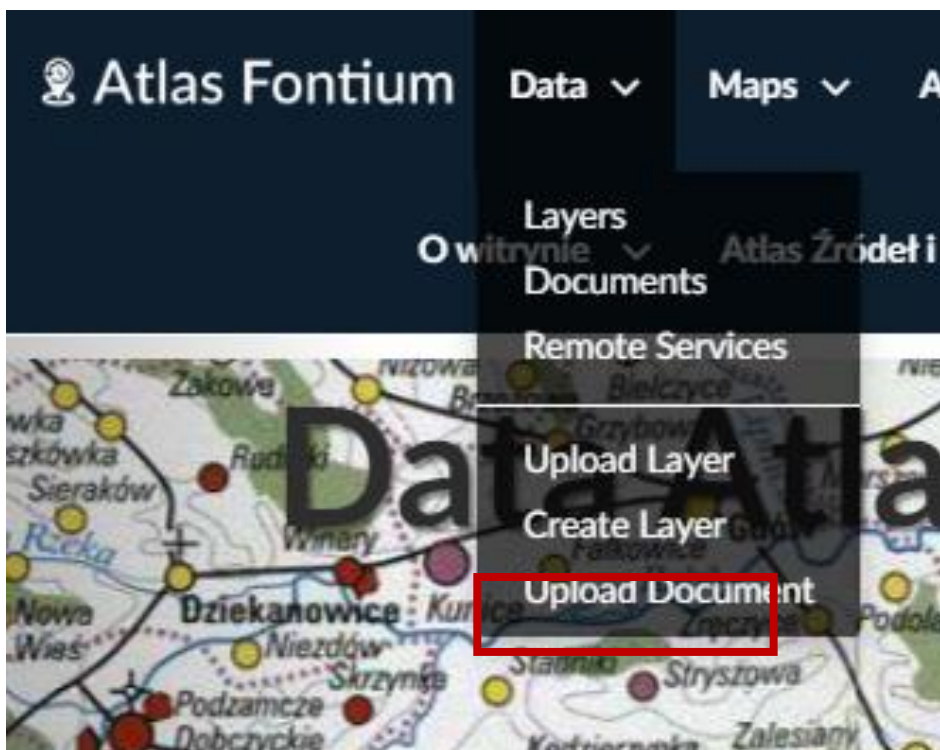
Functionality

GeoNode allows not only to upload *Layers*, but also to create them from scratch.

Created *Layer* can be edited on the platform.

The functionality is available only to registered and logged in users.

After logging in, select **Create Layer** from the Data menu:



Creating a layer

After going to the *Layer Creation Form* page, complete the required fields.

Create an empty layer

[Explore Layers](#)

Layer name

Layer title

Geometry type
Points

[Add Attribute](#)

[Create](#)

Permissions

Who can view it?

Anyone
The following users:

The following groups:

Who can download it?

Who can change metadata for it?

Who can edit data for this layer?

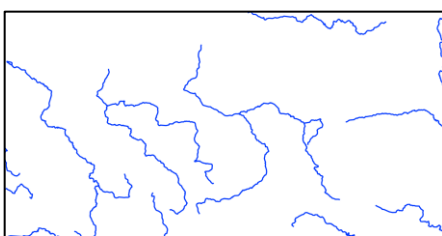
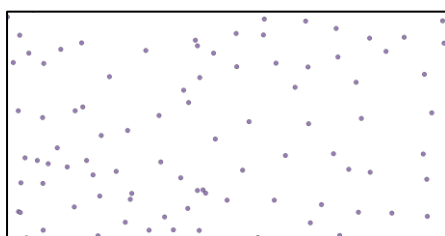
Who can edit styles for this layer?

Who can manage it? (update, delete, change permissions, publish/unpublish it)

Layer name– name of the Layer, unique in Geocode, invisible to the viewing user;

Layer title– describes the Layer in GeoNode, visible in the metadata of the Layer;


Geometry type– points, lines or polygons, depending on the target data type.



Layer permissions

Permissions must be set for each created resource.


Permissions


Who can view it? 


Anyone


The following users:


The following groups:

Who can download it? 

Who can change metadata for it? 

Who can edit data for this layer? 

Who can edit styles for this layer? 

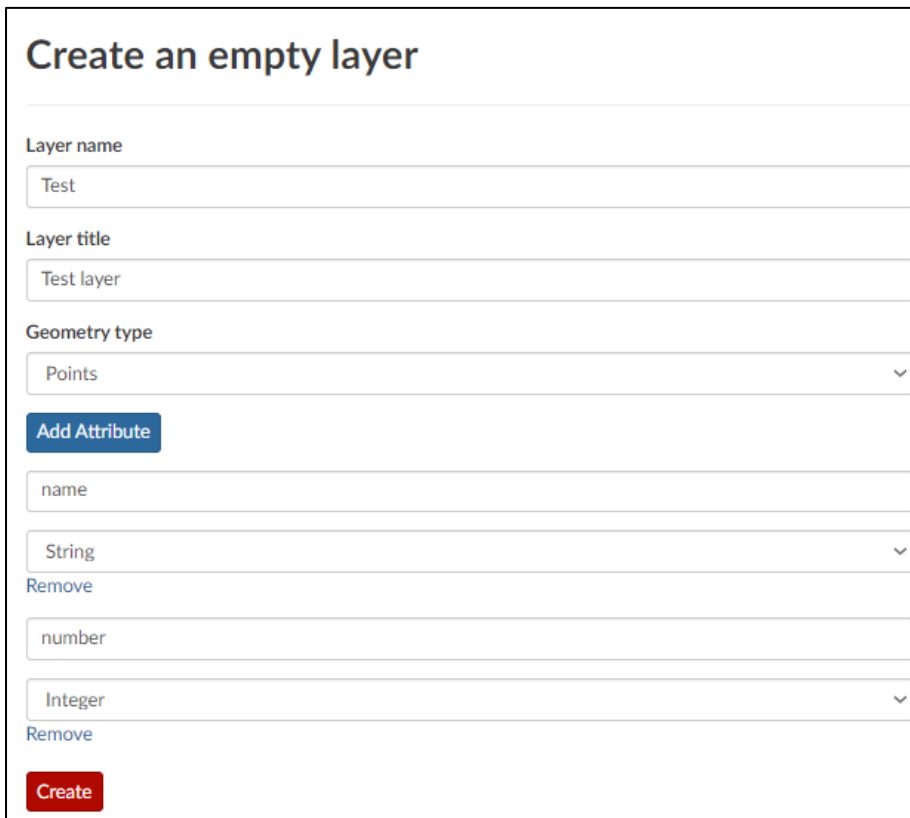
Who can manage it? (update, delete, change permissions, publish/unpublish it) 

If the default settings are left, all users, including those not logged in, will see the newly created layer. To avoid this, uncheck the **Everyone** parameter and select your account from the list.

In the list below, you can set permissions for downloading resource, editing metadata, data and styles.

Adding attributes

To add an attribute to the created *Layer*, click the **Add Attribute** button.



The screenshot shows a form titled "Create an empty layer". It contains the following fields and controls:

- Layer name:** A text input field containing "Test".
- Layer title:** A text input field containing "Test layer".
- Geometry type:** A dropdown menu with "Points" selected.
- Add Attribute:** A blue button.
- Attribute 1:** A text input field containing "name", a dropdown menu with "String" selected, and a "Remove" link below it.
- Attribute 2:** A text input field containing "number", a dropdown menu with "Integer" selected, and a "Remove" link below it.
- Create:** A red button at the bottom.

Attribute can be:

- String (text value)
- Integer
- Float (floating point number)
- Date

If you want to delete the attribute, click **Remove** button.

NOTE

After creating a layer, you will not be able to edit, add or remove attributes.

Created layer

Click the **Create** button to complete the *Layer* creation proces.

Create an empty layer

Explore Layers

Layer name

Layer title

Geometry type

Add Attribute

Remove

Remove

Create

Permissions

Who can view it? ▼

Anyone
The following users:

The following groups:

Who can download it? ▼

Who can change metadata for it? ▼


Who can edit data for this layer? ▼

Who can edit styles for this layer? ▼

Who can manage it? (update, delete, change permissions, publish/unpublish it) ▼

The new *Layer*:

Test layer



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Info Attributes Share Ratings Comments Favorite

Attribute Name	Label	Description
fid		
name		
number		

Download Layer

Metadata Detail

Editing Tools

View Layer

Download Metadata

Legend

Default Point

- Red Square

Maps using this layer

This layer is not currently used in any maps.

Create a map using this layer

Click the button below to generate a new map based on this layer.

Create a Map

Add the layer to an existing map