

SuperGIS Server 3.2

**Integrating SuperGIS Server Website
with Google Map Service**

Workflow

**Install
SuperGIS Server 3.2**

**Use SuperGIS Desktop 3.2
to set up map coordinate system**

**Publish
cache service**

**Create
cached map website**

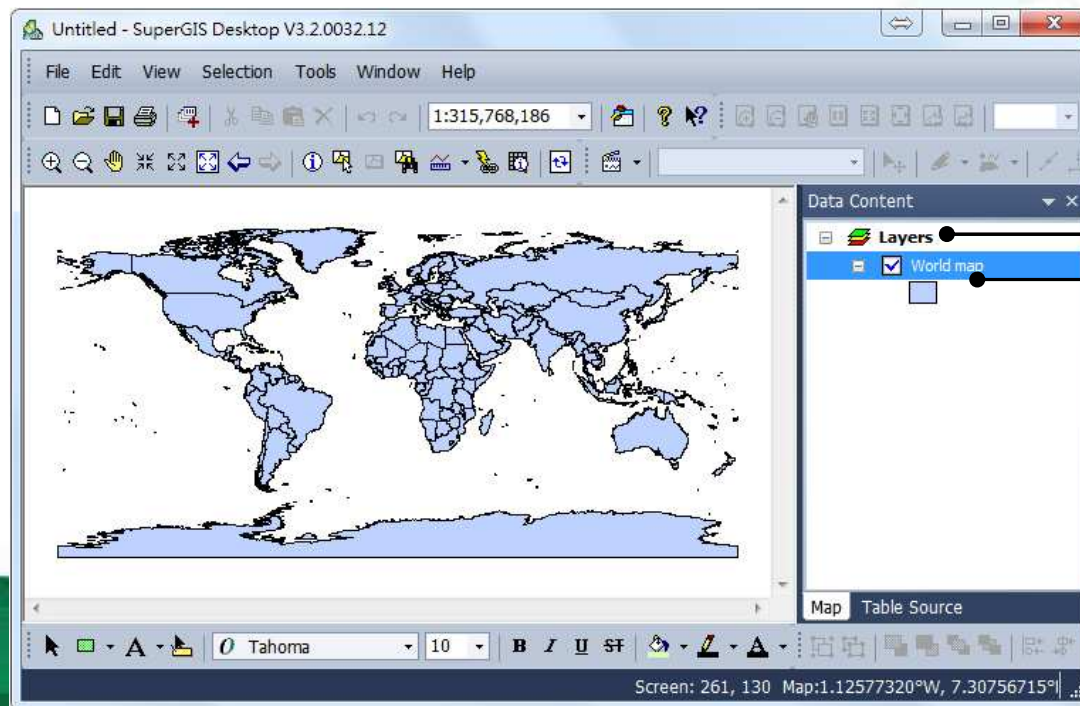
Customize website

Done

Setup coordinate system

- Open layers in SuperGIS Desktop 3.2, their original coordinate system should be WGS84.
- Assign the layer's projection as GoogleWGS84.prj
- Assign the Layers' projection as GoogleMercator.prj

under "...\Supergeo\Server\ClientAPI\GoogleMap"



Set projection as GoogleMercator.prj

Set projection as GoogleWGS84.prj

Publish cache service

- Publish a map service first
- Configure the service as cache service
- Set the cache scale as Google scheme

Cache Scale Definition

Cache Directory

Scale Definition read from scheme

▼

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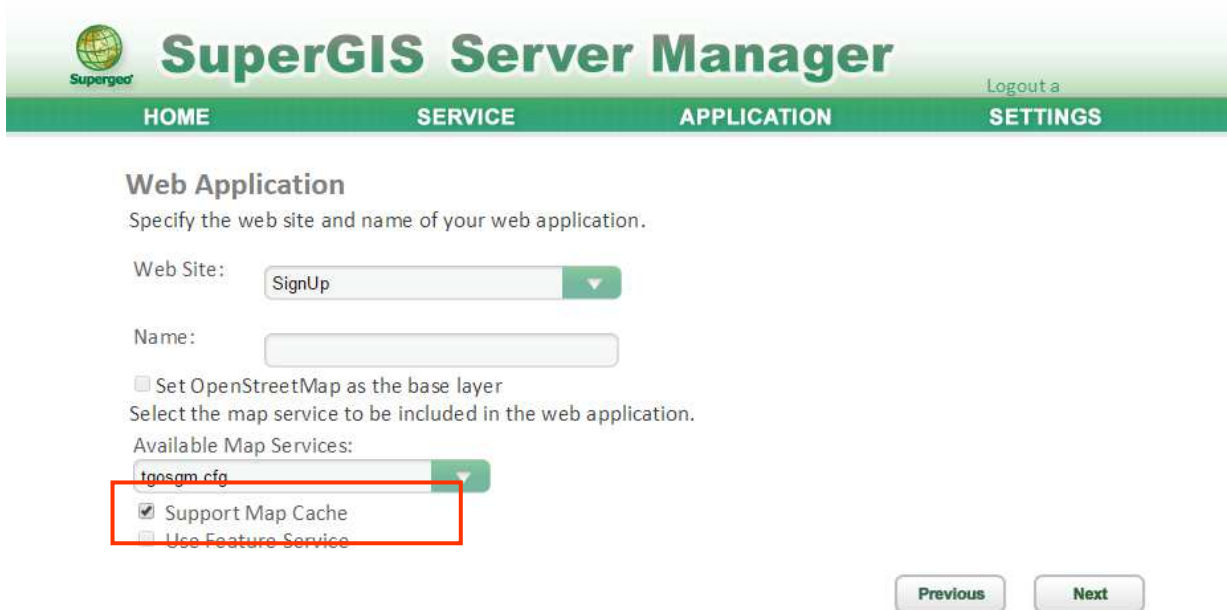
Or

type in manually

1:591658710.909131
1:295829355.454566
1:147914677.727283
1:73957338.863641
1:36978669.431821
1:18489334.71591
1:9244667.357955
1:4622333.678978
1:2311166.839489
1:1155583.419744
1:577791.709872
1:288895.854936
1:144447.927468
1:72223.963734
1:36111.981867
4:48955.989834

Create cached map website

- Use SuperGIS Server Manager to create a cached map website using the cache service



SuperGIS Server Manager Logout a

HOME **SERVICE** **APPLICATION** **SETTINGS**

Web Application

Specify the web site and name of your web application.

Web Site:

Name:

Set OpenStreetMap as the base layer

Select the map service to be included in the web application.

Available Map Services:

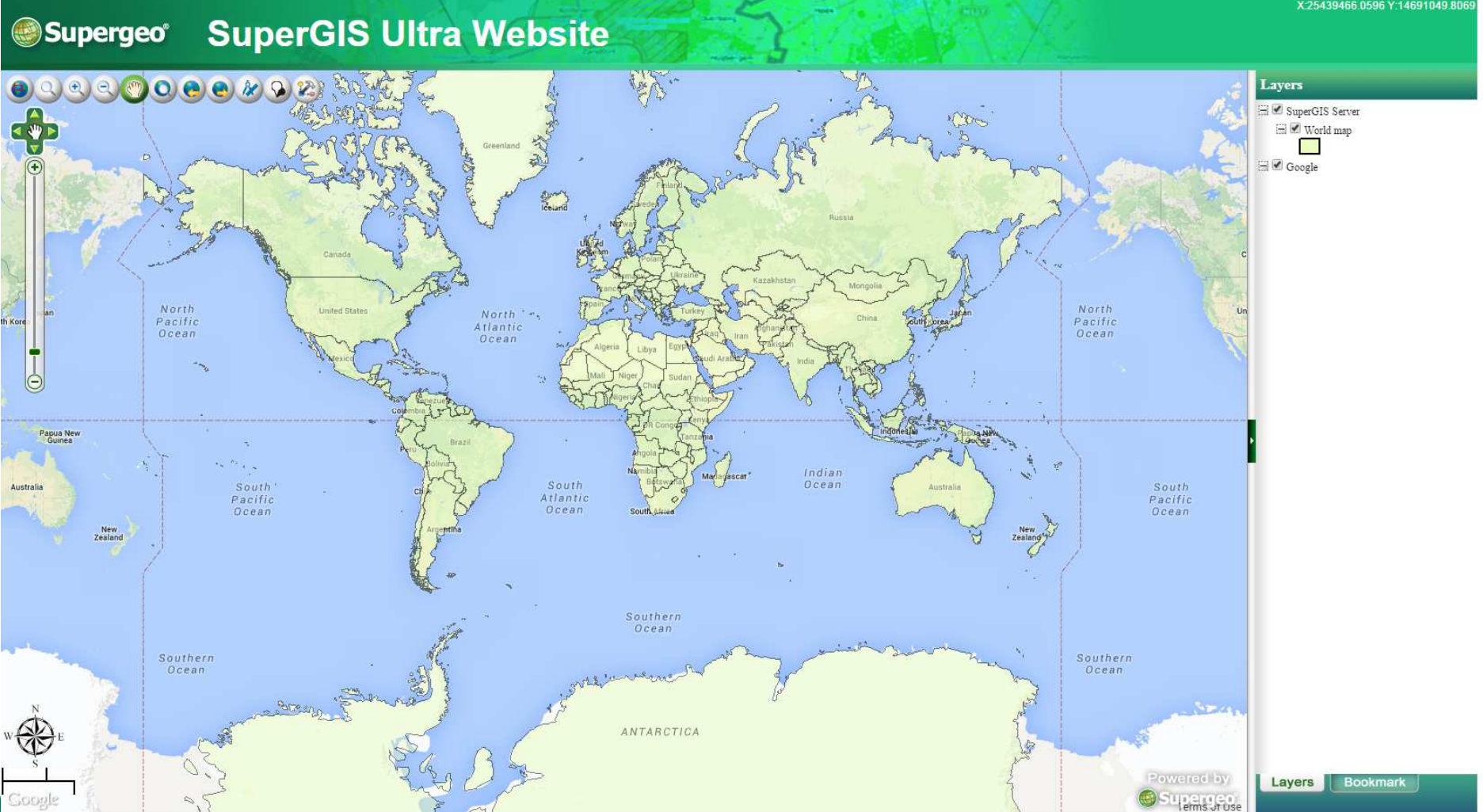
Support Map Cache

Use Feature Service

Customize the website

- Include Google map API
 - `<script type="text/javascript"src="scripts/Google.js"></script>`
- Add Google map layer
 - `pMapBase.AddLayer(new GoogleLayer());`

Done!



Supergeo SuperGIS Ultra Website X:25439466.0596 Y:14691049.8069

Layers

- SuperGIS Server
- World map
- Google

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Layers Bookmark

The screenshot displays a web-based GIS application. At the top, the title bar reads "Supergeo SuperGIS Ultra Website" with a small globe icon on the left and coordinates "X:25439466.0596 Y:14691049.8069" on the right. Below the title bar is a toolbar with various icons for navigation and map interaction. The main area is a world map showing continents and oceans. A vertical scale bar is on the left side of the map. In the bottom left corner, there is a compass rose and the Google logo. In the bottom right corner, there is a "Powered by Supergeo Terms of Use" logo and a "Layers" panel with three checked items: "SuperGIS Server", "World map", and "Google". Below the "Layers" panel are "Layers" and "Bookmark" buttons.