

MapGuide Open Source

# Installing Sample Data and Viewer Sample Application

MapGuide Open Source

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# Installing Sample Data and Viewer Sample Application

Sample Data and a Viewer Sample Application (for PHP, .Net, and Java) are available for use with the MapGuide Open Source 1.0.0 release. Setting up the samples is a two-step process:

- 1 Load the Sample Data on the MapGuide Server.
- 2 Deploy the Viewer Sample Application for PHP, .Net, or Java on MapGuide Web Server Extensions.

## In this chapter

- [Instructions for Loading the Sample Data on the Server](#)
- [Viewer Sample Application Deployment on Microsoft Windows](#)
- [Viewer Sample Application Deployment on Linux](#)

# Instructions for Loading the Sample Data on the Server

These instructions assume that the Server and Web Server Extensions are installed in the default install locations and are working correctly.

- 1 Download the package Sheboygan.mgp from <https://mapguide.osgeo.org/downloads.html#samples>.
- 2 Copy the package Sheboygan.mgp to one of the following locations:
  - Windows: C:\Program Files\MapGuideOpenSource\Server\Packages
  - Linux: /usr/local/mapguideopensource/server/Packages

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**NOTE** When you download Sheboygan.mgp, some browsers may append the extension *.zip* to the filename, so that it becomes Sheboygan.mgp.zip. You must rename the file to Sheboygan.mgp before loading it.

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- 3 Start Site Administrator:  
<http://<servername>/mapguide/mapadmin/login.php>
- 4 Enter the following:
  - User ID: Administrator
  - Password: admin
- 5 Choose the Configure Services menu.
- 6 In the Resource Services section, make sure that the path for Packages Folder is the same as in Step 2.
- 7 Choose the Manage Packages menu.
- 8 In the list of packages in the Load Package section, click Sheboygan.mgp.
- 9 Click Load Package.
- 10 After the package has been loaded successfully, the status column will say Load Succeeded.

If you encounter any problems, check the log file for details:

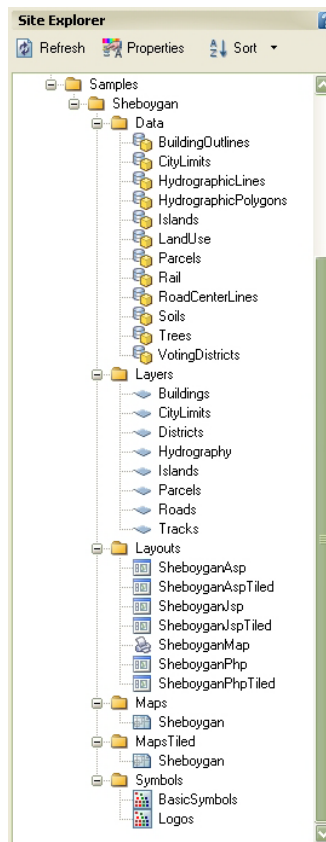
Windows: C:\Program

Files\MapGuideOpenSource\Server\Packages\Sheboygan.mgp.log

Linux: /usr/local/mapguideopensource/server/Packages/Sheboygan.mgp.log

If you have installed Autodesk MapGuide® Studio Preview, which can be downloaded from [www.autodesk.com/mapguidestudio](http://www.autodesk.com/mapguidestudio), you can use it to test that the sample data has been loaded correctly. Use the following information to connect to the server:

- Site URL: `http://servername/mapguide`
- User ID: Administrator
- Password: admin



#### Sample data in the Site Explorer

After connecting to the server, you should be able to see the sample data in the MapGuide Studio Site Explorer. You may need to click the Site Explorer Refresh button, if you installed the sample data while MapGuide Studio was running.

Alternatively, you can use HTML test forms (<http://servername/mapguide/mapagent/index.html>) to test that sample data has been loaded correctly. Select the EnumerateResources operation and specify Type as WebLayout. You should get a response with 6 WebLayouts:

- Library://Samples/Sheboygan/Layouts/SheboyganPhp.WebLayout
- Library://Samples/Sheboygan/Layouts/SheboyganPhpTiled.WebLayout
- Library://Samples/Sheboygan/Layouts/SheboyganAsp.WebLayout
- Library://Samples/Sheboygan/Layouts/SheboyganAspTiled.WebLayout
- Library://Samples/Sheboygan/Layouts/SheboyganJsp.WebLayout
- Library://Samples/Sheboygan/Layouts/SheboyganJspTiled.WebLayout

## Viewer Sample Application Deployment on Microsoft Windows

Download the Viewer Sample Application code for PHP, .Net, or Java, depending on the Web Server Extensions development environment you selected during installation of Web Server Extensions. The instructions below cover the following situations:

- Setting up Viewer Sample Application (PHP) for Web Server Extensions API and Viewer Surround for PHP 5.0.5 configured with IIS 5 or 6
- Setting up Viewer Sample Application (PHP) for Web Server Extensions API and Viewer Surround for PHP 5.0.5 configured with Apache 2.0.55
- Setting up Viewer Sample Application (.Net) for Web Server Extensions API and Viewer Surround for .Net 2.0 configured with IIS 5 or 6
- Setting up Viewer Sample Application (Java) for Web Server Extensions API and Viewer Surround for Java configured with Apache 2.0.55 and Tomcat 5.5.12

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**NOTE** These instructions assume that Server and Web Server Extensions are installed in the default install location and working correctly.

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## Setting up Viewer Sample Application (PHP) with IIS

- 1 Download phpviewersample.zip from <https://mapguide.osgeo.org/downloads.html#samples>.
- 2 Unzip phpviewersample.zip to C:\Program Files\MapGuideOpenSource\WebServerExtensions\www.
- 3 Open the Internet Information Services application (available from Administrative Tools), and navigate the tree to Default Web Site. Right-click Default Web Site. Choose New > Virtual Directory. Click Next.
- 4 Enter phpviewersample for the Alias. Click Next.
- 5 At the Directory prompt, enter or select the directory phpviewersample located in the directory containing the files extracted in step 2. Click Next.
- 6 Under Allow The Following, make sure both Read and Run Scripts are checked. Click Next.
- 7 Click Finish to create the virtual directory.

This sample application can be used with the DWF Viewer or the AJAX Viewer.

- For the DWF Viewer (Internet Explorer only), use this URL:  
<http://servername/mapguide/phpviewersample/dwfviewersample.php>  
Make sure that the system on which you are launching Internet Explorer has DWF Viewer version 6.5.0.679 or later installed.
- For the AJAX Viewer (Internet Explorer or Firefox), use this URL:  
<http://servername/mapguide/phpviewersample/ajaxviewersample.php>
- For the AJAX Viewer (Internet Explorer or Firefox), use this URL to display a tiled map:  
<http://servername/mapguide/phpviewersample/ajaxtiledviewersample.php>

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**NOTE** *servername* is the name or IP Address of the computer on which the Web Server Extensions and Sample Application are installed.

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## Setting up Viewer Sample Application (PHP) with Apache

- 1 Download phpviewersample.zip from <https://mapguide.osgeo.org/downloads.html#samples>.
- 2 Unzip phpviewersample.zip to C:\Program Files\MapGuideOpenSource\WebServerExtensions\www.

This sample application can be used with the DWF Viewer or the AJAX Viewer.

- For the DWF Viewer (Internet Explorer only), use this URL:  
<http://servername:8008/mapguide/phpviewersample/dwfviewersample.php>  
Make sure that the system on which you are launching Internet Explorer has DWF Viewer version 6.5.0.679 or later installed.
- For the AJAX Viewer (Internet Explorer or Firefox), use this URL:  
<http://servername:8008/mapguide/phpviewersample/ajaxviewersample.php>
- For the AJAX Viewer (Internet Explorer or Firefox), use this URL to display a tiled map:  
<http://servername:8008/mapguide/phpviewersample/ajaxtiledviewersample.php>

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**NOTE** *servername* is the name or IP Address of the computer on which the Web Server Extensions and Sample Application are installed.

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## Setting up Viewer Sample Application (.Net) with IIS

- 1 Download dotnetviewersample.zip from <https://mapguide.osgeo.org/downloads.html#samples>.
- 2 Unzip dotnetviewersample.zip to C:\Program Files\MapGuideOpenSource\WebServerExtensions\www.
- 3 Copy webconfig.ini from C:\Program Files\MapGuideOpenSource\WebServerExtensions\www to dotnetviewersample.
- 4 Create a "bin" folder under dotnetviewersample.

- 5 Copy MapGuideDotNetApi.dll and MapGuideUnmanagedApi.dll from C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\mapviewernet\bin to C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\dotnetviewersample\bin.
- 6 Do one of the following:
  - Add C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\mapviewernet\bin to the Path Environment Variable.
  - Copy all DLLs from C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\mapviewernet\bin to C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\dotnetviewersample\bin
- 7 Open the Internet Information Services application (available from Administrative Tools) and navigate the tree to Default Web Site/mapguide. Right-click mapguide. Choose New > Virtual Directory. Click Next.
- 8 Enter dotnetviewersample for the Alias. Click Next.
- 9 At the Directory prompt, enter or select the directory dotnetviewersample located in the directory containing the files extracted in step 2. Click Next.
- 10 Under Allow The Following, make sure Read and Run Scripts are checked. Click Next.
- 11 Configure dotnetviewersample as application.
- 12 Click Finish to create the virtual directory.

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**NOTE** You might have to Create Application for /mapguide/mapviewernet. Right-click mapviewernet. Click Create for Application name.

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This sample application can be used with the DWF Viewer or the AJAX Viewer.

- For the DWF Viewer (Internet Explorer only), use the URL:  
<http://servername/mapguide/dotnetviewersample/dwfviewersample.aspx>  
Make sure that the system on which you are launching Internet Explorer has DWF Viewer version 6.5.0.679 or later installed.
- For the AJAX Viewer (Internet Explorer or Firefox), use the URL:  
<http://servername/mapguide/dotnetviewersample/ajaxviewersample.aspx>

- For the AJAX Viewer (Internet Explorer or Firefox), use this URL to display a tiled map:  
<http://servername/mapguide/dotnetviewersample/ajaxtiledviewersample.aspx>

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**NOTE** *servername* is the name or IP Address of the computer on which the Web Server Extensions and Sample Application are installed.

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## Setting up Viewer Sample Application (Java) with Apache and Tomcat

- 1 Download javaviewersample.zip from  
<https://mapguide.osgeo.org/downloads.html#samples>.
- 2 Unzip javaviewersample.zip to C:\Program Files\MapGuideOpenSource\WebServerExtensions\www .
- 3 Open the file C:\Program Files\MapGuideOpenSource\WebServerExtensions\Apache2\conf\httpd.conf. Add the following line at the end:  

```
JkMount /mapguide/javaviewersample/* worker1
```
- 4 Save the changes.
- 5 Restart the Apache2 service.

This sample application can be used with the DWF Viewer or the AJAX Viewer.

- For the DWF Viewer (Internet Explorer only), use the URL:  
<http://servername:8008/mapguide/javaviewersample/dwfvviewersample.jsp>  
Make sure that the system on which you are launching Internet Explorer has DWF Viewer version 6.5.0.679 or later installed.
- For the AJAX Viewer (Internet Explorer or Firefox), use the URL:  
<http://servername:8008/mapguide/javaviewersample/ajaxviewersample.jsp>
- For the AJAX Viewer (Internet Explorer or Firefox), use this URL to display a tiled map:  
<http://servername:8008/mapguide/javaviewersample/ajaxtiledviewersample.jsp>

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**NOTE** *servername* is the name or IP Address of the computer on which the Web Server Extensions and Sample Application are installed.

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# Viewer Sample Application Deployment on Linux

Download the Viewer Sample Application code for PHP or Java, depending on the Web Server Extensions development environment you selected during installation of Web Server Extensions.

## Installing the Sample Application for PHP on Linux

These instructions assume that Server and Web Server Extensions are installed in the default install location and working correctly.

- 1 Download `phpviewersample.zip` from <https://mapguide.osgeo.org/downloads.html#samples>.
- 2 Unzip `phpviewersample.zip` to `/usr/local/mapguideopensource/webserverextensions/www`.

This sample application can be used with the DWF Viewer or the AJAX Viewer.

- For the DWF Viewer (Internet Explorer only), use the URL:  
`http://servername:8008/mapguide/phpviewersample/dwfviewersample.php`  
Make sure that the system on which you are launching Internet Explorer has DWF Viewer version 6.5.0.679 or later installed.
- For the AJAX Viewer (Internet Explorer or Firefox), use the URL:  
`http://servername:8008/mapguide/phpviewersample/ajaxviewersample.php`
- For the AJAX Viewer (Internet Explorer or Firefox), use this URL to display a tiled map:  
`http://servername:8008/mapguide/phpviewersample/ajaxtiledviewersample.jsp`

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**NOTE** *servername* is the name or IP Address of the computer on which the Web Server Extensions and Sample Application are installed.

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## Installing the Sample Application for JSP on Linux

These instructions assume that Server and Web Server Extensions are installed in the default install location and working correctly, and that the Java agent was installed.

- 1 Stop Tomcat, if it is running.
- 2 Download javaviewersample.zip from <https://mapguide.osgeo.org/downloads.html#samples>.
- 3 Unzip javaviewersample.zip to `/usr/local/mapguideopensource/webserverextensions/www`.

This sample application can be used with the DWF Viewer or the AJAX Viewer.

- For the DWF Viewer (Internet Explorer only), use the URL:  
`http://servername:8008/mapguide/javaviewersample/dwfviewersample.jsp`  
Make sure that the system on which you are launching Internet Explorer has DWF Viewer version 6.5.0.679 or later installed.
- For the AJAX Viewer (Internet Explorer or Firefox), use the URL:  
`http://servername:8008/mapguide/javaviewersample/ajaxviewersample.jsp`

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**NOTE** *servername* is the name or IP Address of the computer on which the Web Server Extensions and Sample Application are installed.

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