

Autodesk MapGuide® OpenSource 1.2

# Installing Sample Data and Sample Applications

MapGuide Open Source

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# Installing Sample Data and Sample Applications

Sample data and sample applications (for PHP, .Net, and Java) are available for use with MapGuide Open Source. There are the sample applications that accompany the *MapGuide Developer's Guide* and more complex Viewer Samples that show more functionality. Setting up the samples is a three-step process:

- 1 Load the Sheboygan Sample Data onto the MapGuide Server.
- 2 Load the web layout for the samples onto the MapGuide Server.
- 3 Deploy the sample applications for PHP, .Net, or Java on Autodesk MapGuide Web Server Extensions.

## In this chapter

- [Instructions for Loading the Sample Data on the Server](#)
- [Sample Application Deployment on Microsoft Windows](#)
- [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, use the default password, and are working correctly.

- 1 Download the package *Sheboygan.mgp* from <https://mapguide.osgeo.org/downloads.html> to one of the following locations:
  - Windows: *C:\Program Files\MapGuideOpenSource\Server\Packages*
  - Linux: */usr/local/mapguideopensource/server/Packages*
- 2 Start the Site Administrator:  
<http://servername/mapguide/mapadmin/login.php>
- 3 Enter the following:
  - User ID: Administrator
  - Password: admin
- 4 Choose the Configure Services menu.
- 5 In the Resource Services section, make sure that the path for Packages Folder is the same as in Step 2.
- 6 Choose the Manage Packages menu.
- 7 In the list of packages in the Load Package section, click *Sheboygan.mgp*.
- 8 Click Load Package.
- 9 After the package has been loaded successfully, the status column will say Load Succeeded.

If you encounter any problems, click View Log in the Load Package section. Or check the log file directly for details:

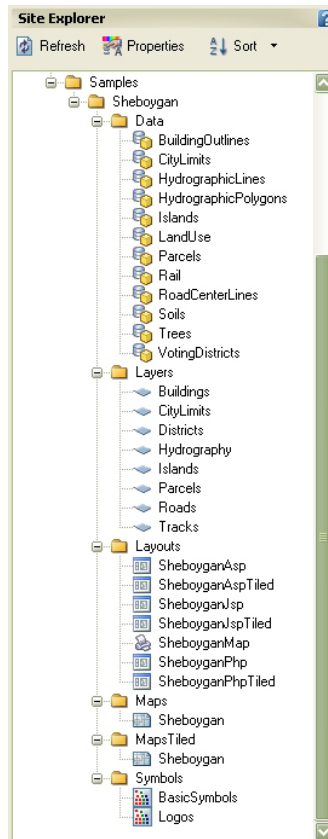
Windows: *C:\Program Files\MapGuideOpenSource\Server\Packages\Sheboygan.mgp.log*

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



If you have installed Autodesk MapGuide® Studio, which is available separately, 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

## Sample Application Deployment on Microsoft Windows

Deploy the 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 Sample Applications (PHP) for Web Server Extensions API and Viewer Surround for PHP 5.2.1 configured with IIS 5 or 6
- Setting up Sample Applications (PHP) for Web Server Extensions API and Viewer Surround for PHP 5.2.1 configured with Apache 2.0.55
- Setting up Sample Applications (.Net) for Web Server Extensions API and Viewer Surround for .Net 2.0 configured with IIS 5 or 6
- Setting up Sample Applications (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 Sample Applications (PHP) with IIS

- 1 Download *phpsamples.mgp*, *phpsamples.zip*, and *phpviewersample.zip* from <https://mapguide.osgeo.org/downloads.html>.
- 2 Unzip *phpsamples.zip* to a new directory: *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\phpsamples*.
- 3 Unzip *phpviewersample.zip* to a new directory: *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\phpviewersample*.
- 4 Load the *phpsample.mgp* package the same way you loaded the Sample Data package. (See [Instructions for Loading the Sample Data on the Server](#) (page 2).)
- 5 Open the URL <http://servername/mapguide/phpsamples/main.php>.

This opens the developer's guide samples and provides links to the Viewer Samples. You can also open the Viewer Samples directly. There are versions for different viewers.

- 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 Sample Applications (PHP) with Apache

- 1 Download *phpsamples.mgp*, *phpsamples.zip*, and *phpviewersample* from <https://mapguide.osgeo.org/downloads.html>.
- 2 Unzip *phpsamples.zip* to a new directory: *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\phpsamples*.

- 3 Unzip *phpviewersample* to a new directory: *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\phpviewersample*.
- 4 Load the *phpsample.mgp* package the same way you loaded the Sample Data package. (See [Instructions for Loading the Sample Data on the Server](#) (page 2).)
- 5 Open the URL `http://servername:8008/mapguide/phpsamples/main.php`.

This opens the developer's guide samples and provides links to the Viewer Samples. You can also open the Viewer Samples directly. There are versions for different viewers.

- 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 Sample Applications (.Net) with IIS

- 1 Download *dotnetsamples.zip*, *dotnetsamples.mgp*, and *dotnetviewersample.zip* from <https://mapguide.osgeo.org/downloads.html>.
- 2 Unzip *dotnetsamples.zip* to a new directory: *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\dotnetsamples*.
- 3 Unzip *dotnetviewersample.zip* to a new directory: *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\dotnetviewersample*.
- 4 Create a "bin" folder under *dotnetsamples* and copy all DLLs from *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\mapviewernet\bin* to *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\dotnetsamples\bin*.

- 5 Create a “bin” folder under *dotnetviewersample* and copy all DLLs from *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\mapviewernet\bin* to *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\dotnetviewersample\bin*.
- 6 Add *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\mapviewernet\bin* to the Path Environment Variable.
- 7 Load the *dotnetsample.mgp* package the same way you loaded the Sample Data package. (See [Instructions for Loading the Sample Data on the Server](#) (page 2).
- 8 Open the Internet Information Services control panel (available from Administrative Tools) and navigate to Default Web Site/mapguide.
- 9 Configure *dotnetsamples* and *dotnetviewersample* as applications. (Right-click the directory and choose Properties. Then, on the Directory tab, click Create in the Application Settings.)
- 10 On the ASP.NET tab, make sure that ASP.NET version for those two directories is set to 2.0 or higher.
- 11 Close the Internet Information Services control panel.
- 12 Open the URL <http://servername/mapguide/dotnetsamples/main.aspx>.

This opens the developer's guide samples and provides links to the Viewer Samples. You can also open the Viewer Samples directly. There are versions for different viewers.

- For the DWF Viewer (Internet Explorer only), use the URL:  
<http://servername/mapguide/dotnetviewersample/dwfvewersample.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 applications are installed.

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## Setting up Sample Applications (Java) with Apache and Tomcat

- 1 Download *javasamples.zip*, *javasamples.mgp*, and *javaviewersample.zip* from <https://mapguide.osgeo.org/downloads.html> .
- 2 Unzip *javasamples.zip* to a new directory: *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\javasamples*.
- 3 Unzip *javaviewersample.zip* to a new directory: *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\javaviewersample*.
- 4 Open the file *C:\Program Files\MapGuideOpenSource\WebServerExtensions\Apache2\conf\httpd.conf*. Add the following lines at the end:

```
    JkMount /mapguide/javaviewersample/* worker1
    JkMount /mapguide/javasamples/* worker1
```
- 5 Save the changes.
- 6 Restart the Apache2 service.
- 7 Copy *json.jar* from <https://mapguide.osgeo.org/downloads.html> to *C:\Program Files\MapGuideOpenSource\WebServerExtensions\www\WEB-INF\lib*.
- 8 Load the *javasample.mgp* package the same way you loaded the Sample Data package. (See [Instructions for Loading the Sample Data on the Server](#) (page 2).)
- 9 Open the URL <http://servername:8008/mapguide/javasamples/main.jsp>.

This opens the developer's guide samples and provides links to the Viewer Samples. You can also open the Viewer Samples directly. There are versions for different viewers.

- 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 applications are installed.

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## Sample Application Deployment on Linux

Download the sample application code for PHP or Java, depending on the Web Server Extensions development environment you have configured.

### Installing the Sample Applications 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 *phpsamples.mgp*, *phpsamples.zip*, and *phpviewersample.zip* from <https://mapguide.osgeo.org/downloads.html>.
- 2 Unzip *phpsamples.zip* to a new directory:  
`/usr/local/mapguideopensource/webserverextensions/www/phpviewersample/phpsamples.`
- 3 Unzip *phpviewersample.zip* to a new directory:  
`/usr/local/mapguideopensource/webserverextensions/www/phpviewersample.`
- 4 Load the *dotnetsample.mgp* package the same way you loaded the Sample Data package. (See [Instructions for Loading the Sample Data on the Server](#) (page 2).)
- 5 Open the URL `http://servername/mapguide/phpsamples/main.php`.

This opens the developer's guide samples and provides links to the Viewer Samples. You can also open the Viewer Samples directly. There are versions for different viewers.

- 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.php`

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

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## Installing the Sample Applications 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 *phpsamples.mgp*, *phpsamples.zip*, and *phpviewersample.zip* from <https://mapguide.osgeo.org/downloads.html>.
- 3 Unzip *phpsamples.zip* to a new directory:  
`/usr/local/mapguideopensource/webserverextensions/www/phpsamples.`
- 4 Unzip *phpviewersample.zip* to a new directory:  
`/usr/local/mapguideopensource/webserverextensions/www/phpviewersample.`
- 5 Load the *javasample.mgp* package the same way you loaded the Sample Data package. (See [Instructions for Loading the Sample Data on the Server](#) (page 2).)
- 6 Open the URL `http://servername:8008/mapguide/javasamples/main.jsp`.

This opens the developer's guide samples and provides links to the Viewer Samples. You can also open the Viewer Samples directly. There are versions for different viewers.

- 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`



- 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 applications are installed.

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