




Autodesk®
Topobase™

Archive – Technical Training

Autodesk Topobase Administrator



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Chapter Overview

- In this chapter, you will learn how to use Autodesk MapGuide Studio 2009 and Autodesk Map 2009 to configure a basic map for Autodesk Topobase Web 2009.
- The automated and manual ways to define a Topobase Web Site will be discussed.
- At the end, a short description of Topobase Web functions refreshes the content of the client course.

Topobase Web

Chapter Objectives

- At the end of this chapter, you will be able to:
 - Load the Topobase Web Layout package in the MapGuide Site Administrator
 - Publish to MapGuide from the Autodesk Map
 - Use basic MapGuide functions
 - Add commands to a basic and a flexible Layout
 - Save your work in MapGuide packages
 - Assign the web layout, the symbols and the viewer to a workspace
 - Describe what a user can do in Topobase Web
 - Explain the main properties of the different viewer

12.2 Automated Configuration

- This section discusses the automated method of defining a Topobase Web Site

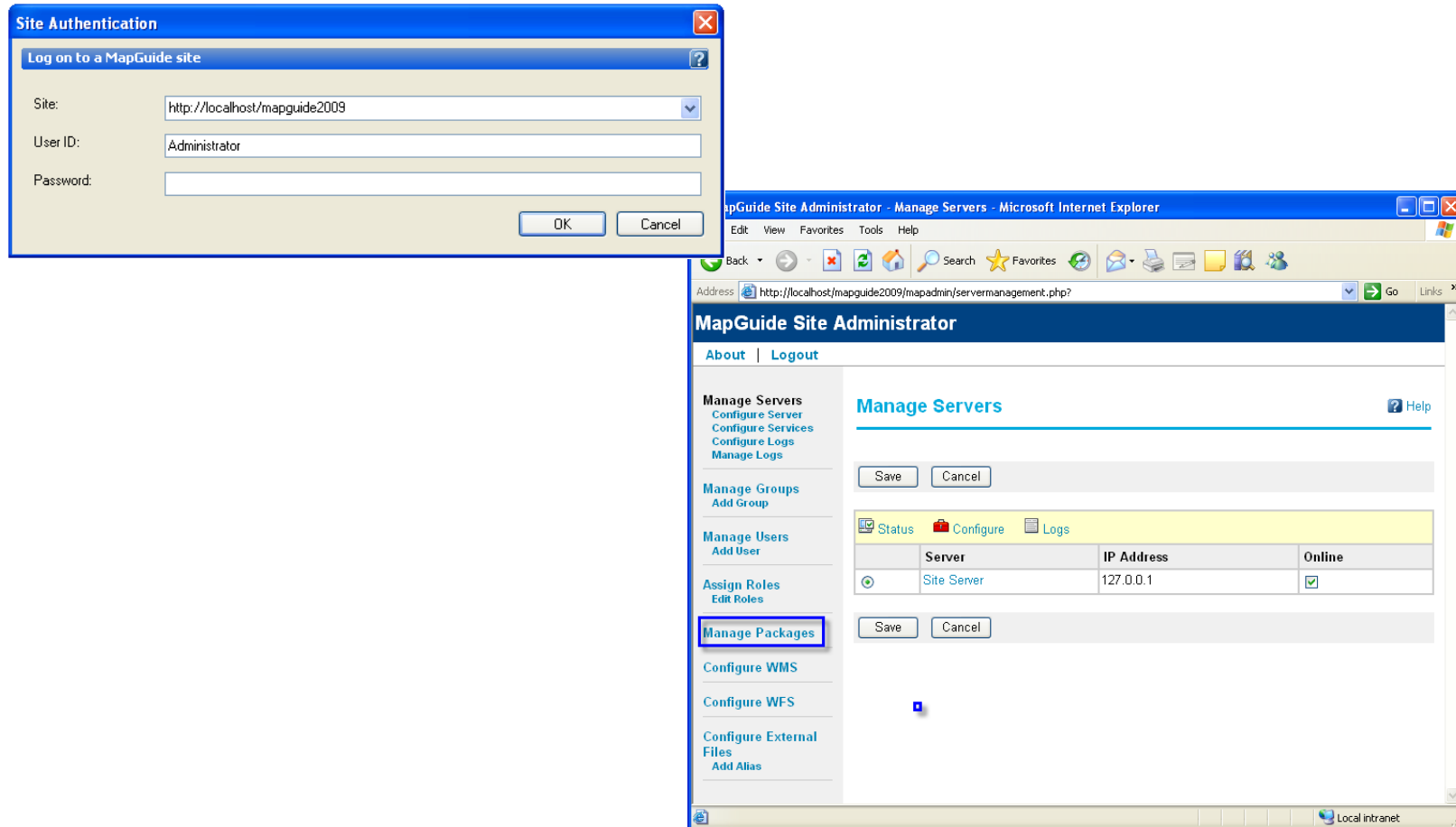
12.2.1 Load the Topobase Web Layout

Copy the Topobase Web sample layout

- The Topobase installation provides a default MapGuide Package (*.mgp-file), located in a sample folder.
- The MapGuide package has to be copied in the MapGuide Enterprise standard package folder and then loaded into MapGuide Studio, using the MapGuide Site Administrator.

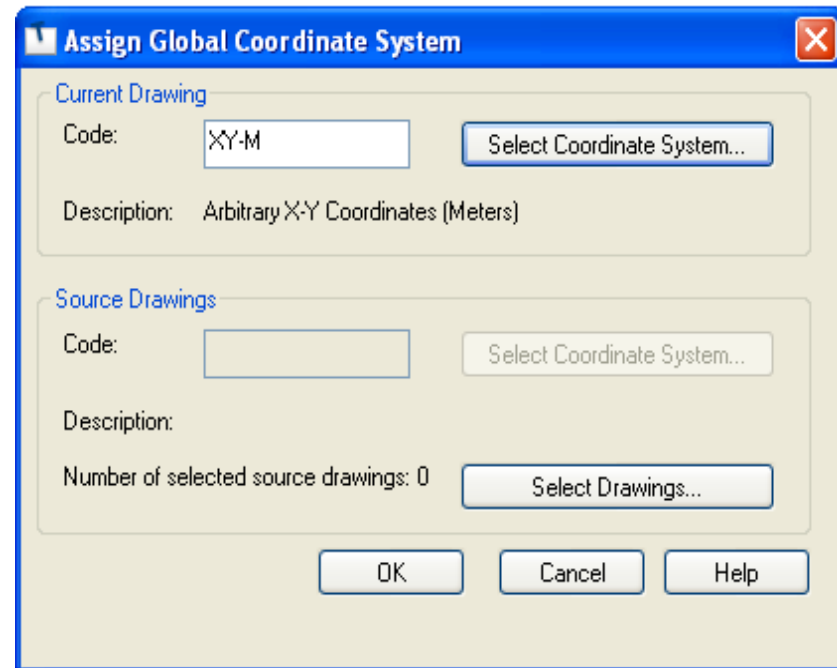
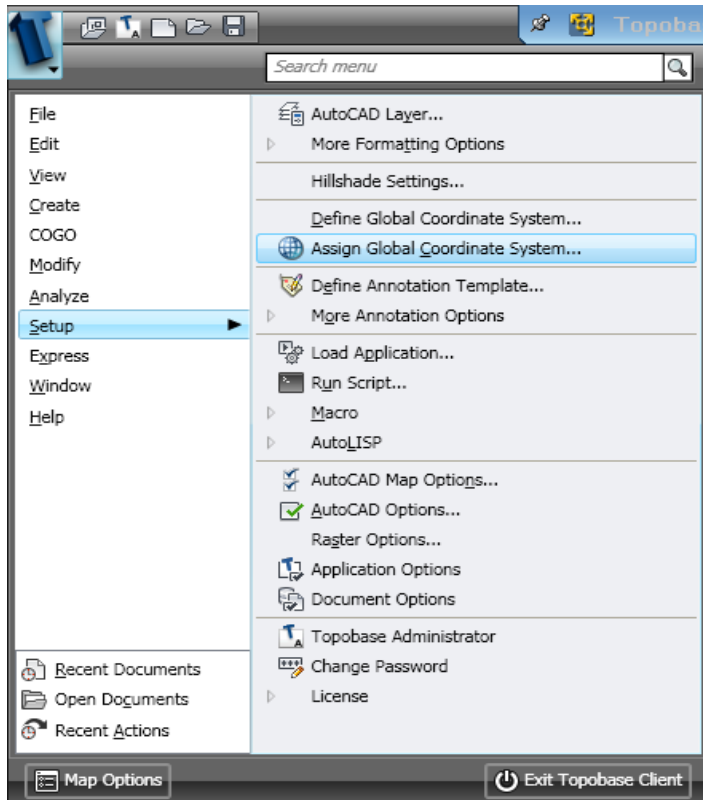
12.2.1 Load the Topobase Web Layout +

Load the mpg file





12.2.2 Publish to MapGuide

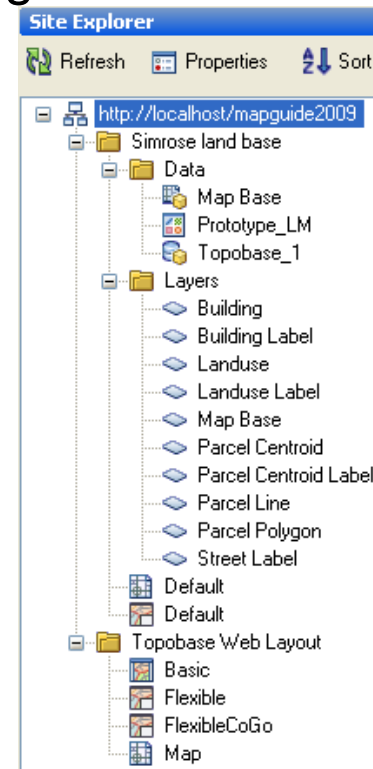
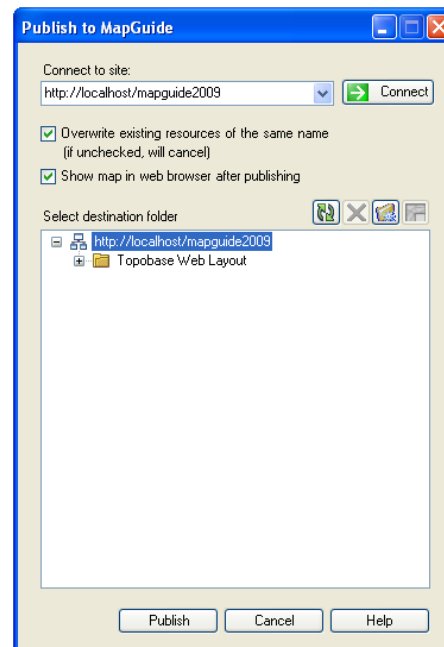
Assign a Global Coordinate System to the drawing



12.2.2 Publish to MapGuide +

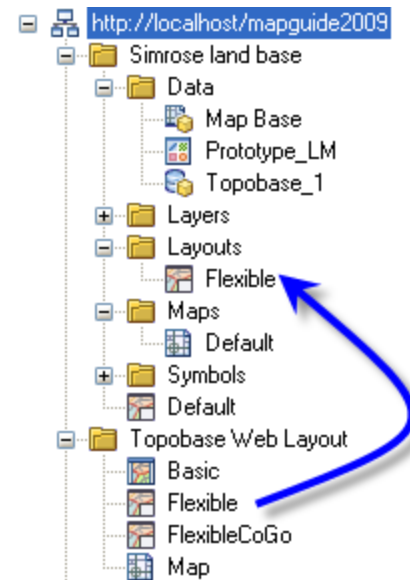
Publish

- Click the Tools () icon in the Display Manager
- Select  Publish to MapGuide...



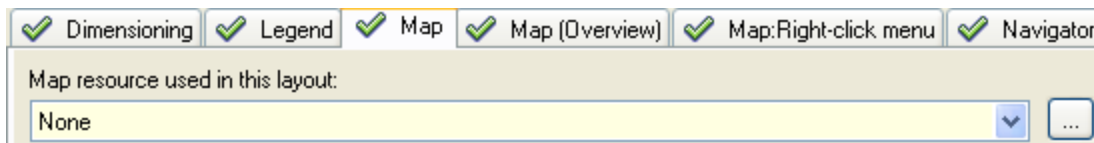
12.2.3 Folder Structure


- You can create additional folders to add to the structure created by default.
- **Copy Flexible Web Layout**
- **Move Default map into Maps folder**



12.2.4 Assign Map Resource to Layout

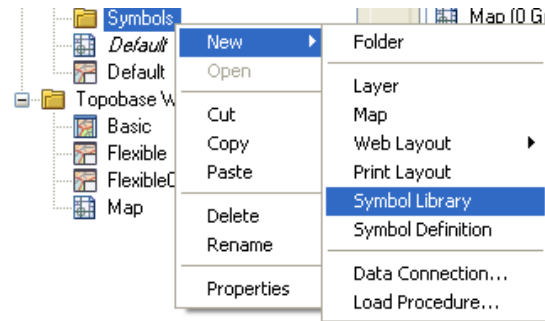
- **Double-click** the Layout  Flexible under Layouts. **Click** the **Map** tab.



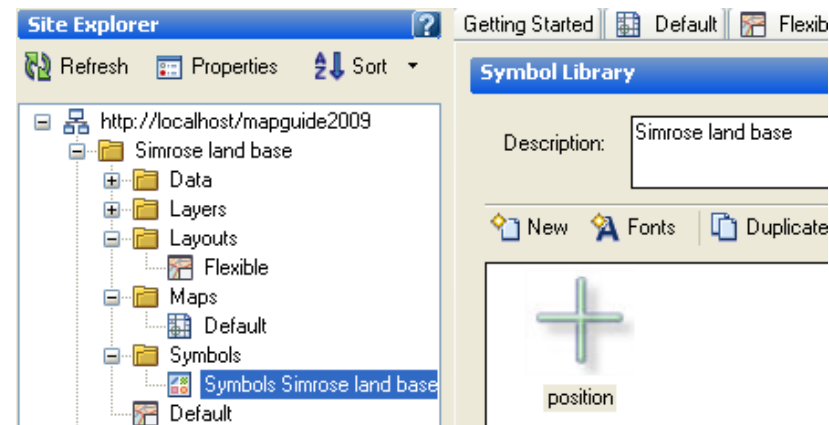
- **Drag** the icon of the Default map ( Default) from the site explorer and **drop** it into this combo box
- **Click** in the main toolbar to save the changes.

12.2.5 Define Symbols

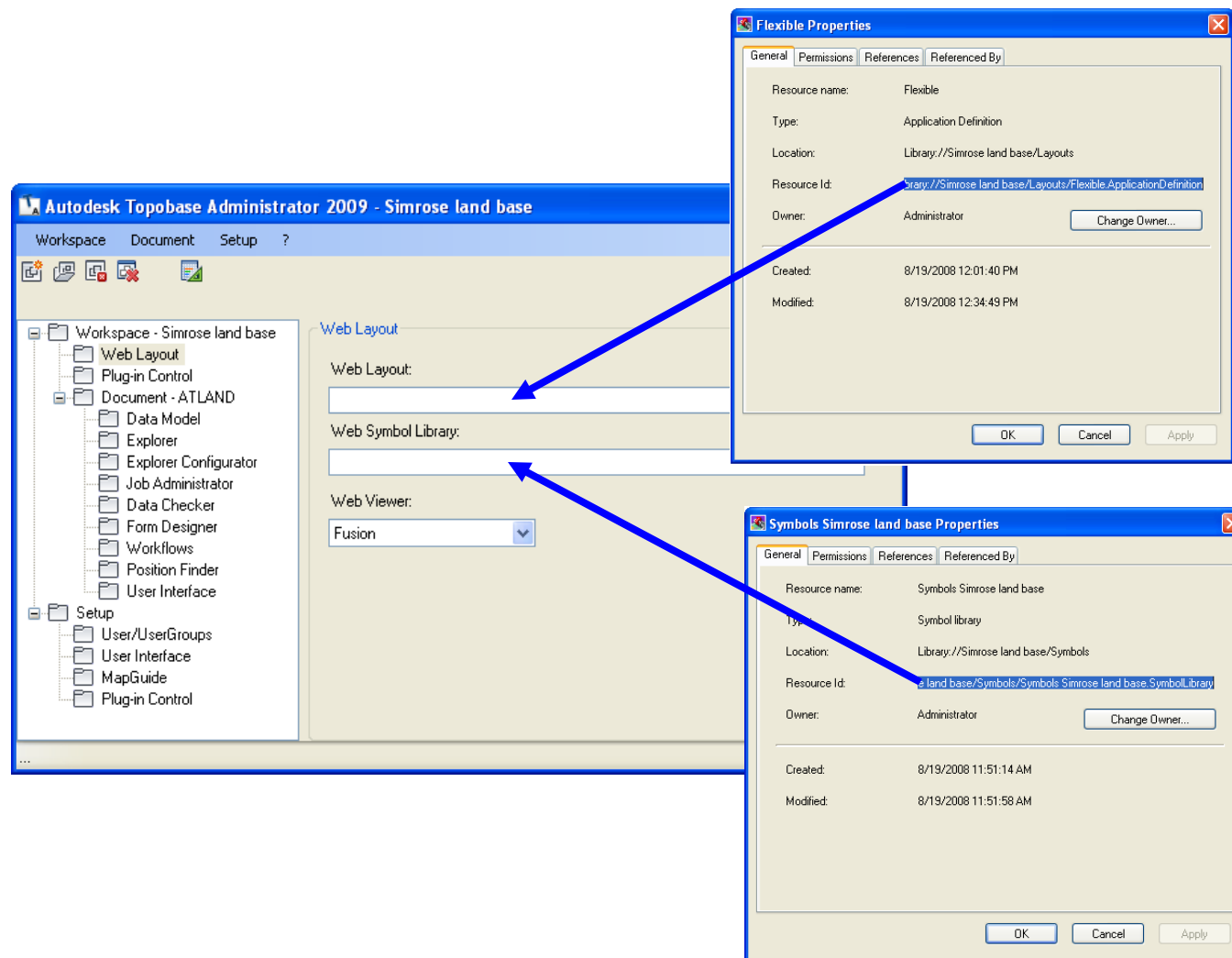
Create a Symbol Library



Create a Symbol



12.2.6 Configure a Workspace for Topobase Web



12.2.7 Validate Topobase Web Settings

Autodesk Topobase Web 2009 - Getting Started - Microsoft Internet Explorer provided by IT Service Centers

http://localhost/mapguide2009/TBWeb/Admin/Admin.aspx

File Edit View Favorites Tools Help

Autodesk Topobase Web 2009 - Getting Started

Topobase Web 2009 - Getting started

1

Set Database for Topobase Web

Login settings for TBSYS

Username:

Password:

Database Service Name:

Settings saved

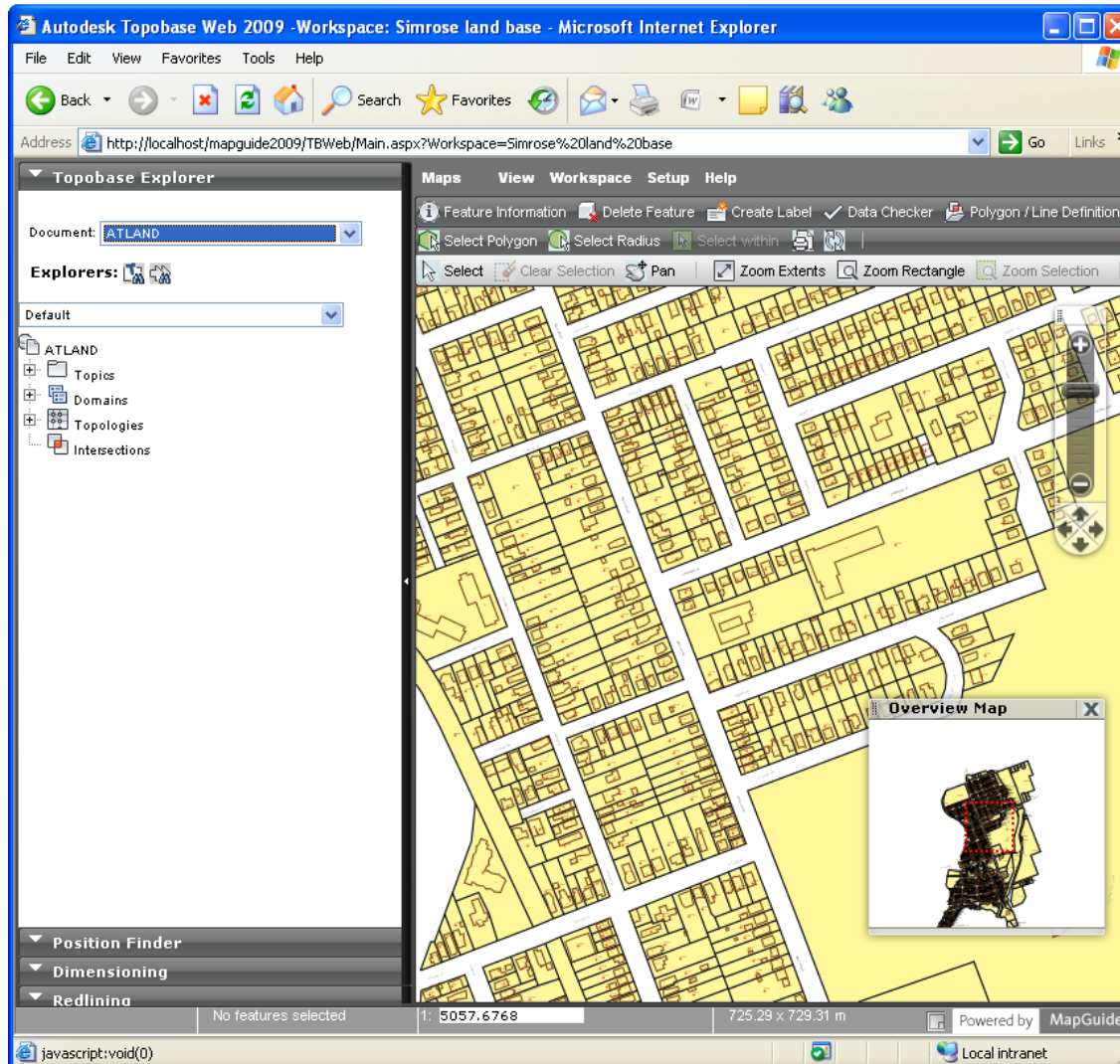
User aspnet has to have write access to folder {Topobase Web Install Path}\Config.

2

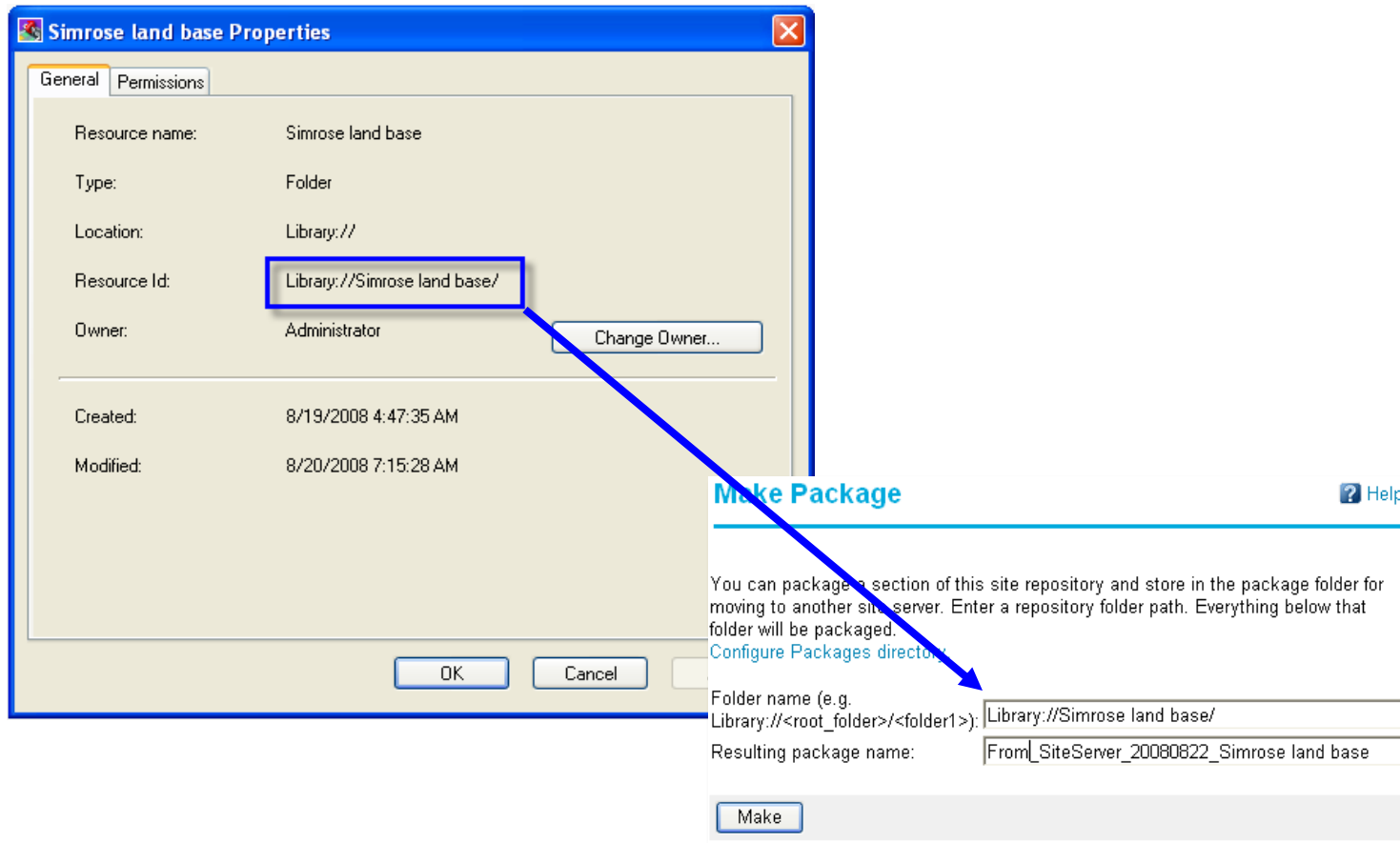
.NET 2, the IIS and Topobase Web

Set .NET 2 for ManGuide

12.2.8 Show Result in Topobase Web



12.3 Save a MapGuide Package

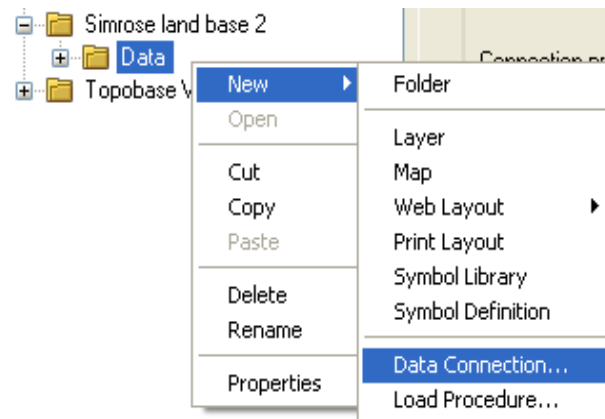


12.4 Manual Configuration


- This section discusses the manual method of defining a Topobase Web Site

12.4.1 Connection


- Create a new data connection




12.4.2 Layer


 **Layer Editor** [Settings](#) [Style](#)

Settings

Data resource used in this layer: 

Feature Data Setup

Feature class: 

Geometry: 


Properties displayed in Viewer:


☒ Select All ☐ Clear All


Select the properties to display when an object is selected in the Viewer.

Edit display names for selected properties.

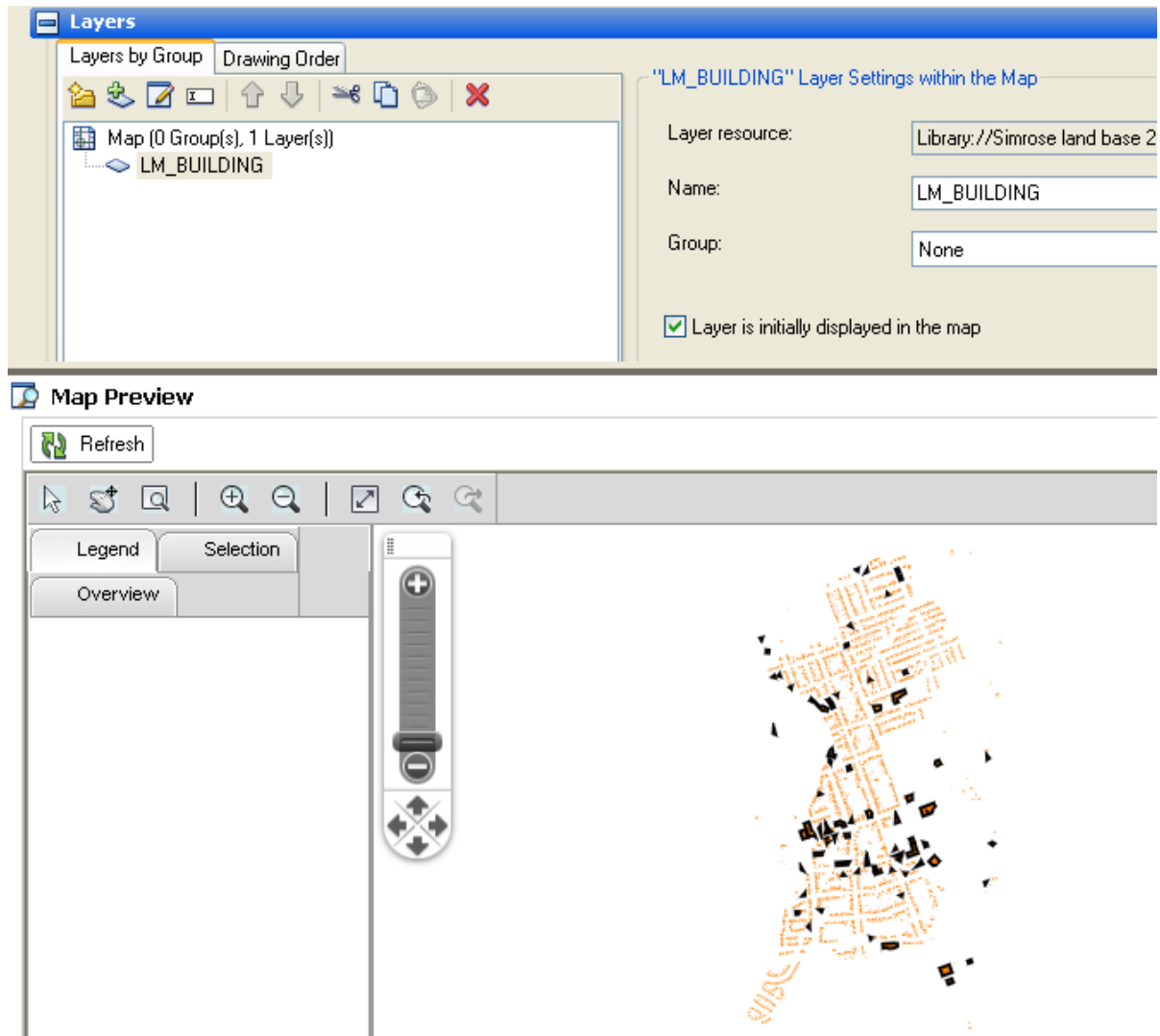
Name to Display	Property	
<input type="checkbox"/> FID	FID	
<input type="checkbox"/> AREA	AREA	
<input type="checkbox"/> BUILDING_NUMBER	BUILDING_NU...	

Filter applied to data: 

URL activated for feature: 

Tool tip displayed for feature: 

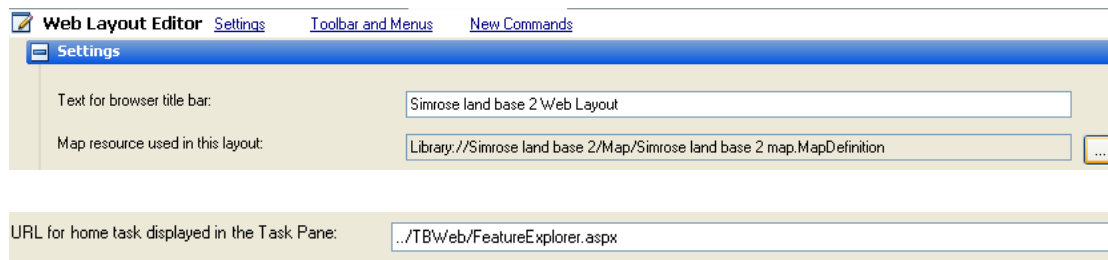
12.4.3 Map



12.4.4 Layout

Settings

- Start the Layout Editor: **right-click** the Layer folder, select **New>Web Layout>Basic Layout**. The Web Layout Editor appears.



12.4.4 Layout +

New Command

- When you create a Web Layout from scratch you have to manually add the following commands: Topobase Explorer, Redlining, Dimensioning and Position Finder
- **Scroll** down to the New Commands area, **click Add > Invoke URL item**

The screenshot shows the 'New Command' dialog box with the 'Invoke URL' command selected. The 'Command name' is 'Redlining', and the 'Name to display in the interface' is also 'Redlining'. The 'URL to invoke' is '.../TBWeb/Redlining.aspx'. The 'Pass in these additional parameters with the URL' section is empty. The 'Use only these layers' section is set to 'All Layers'. The 'Disable command if nothing is selected' checkbox is checked. The 'Display results in this target interface' is set to 'Task pane'.

Action to be performed by this command:
Invoke URL

Settings Additional Parameters

Command name:
Redlining

Name to display in the interface:
Redlining

Tooltip to appear on hover:
Redlining

Description to appear on the status bar:
Redlining

URL to an image for enabled state:
.../stdicons/icon_invokeurl.gif

URL to an image for disabled state:
.../stdicons/icon_invokeurl_disabled.gif

Viewers that support this command:
All

Action to be performed by this command:
Invoke URL

Settings Additional Parameters

URL to invoke:
.../TBWeb/Redlining.aspx

Pass in these additional parameters with the URL:
Add Remove

Key	Value
-----	-------

Use only these layers:
All Layers

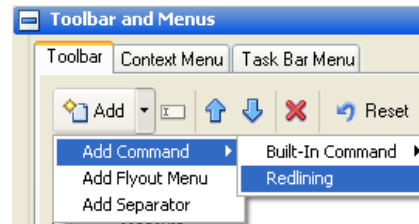
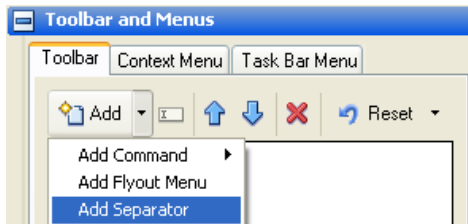
☒ Disable command if nothing is selected

Display results in this target interface:
Task pane

12.4.4 Layout ++

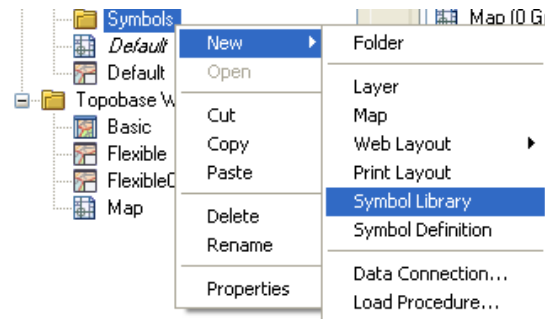
Toolbar and Menus

- Commands can be assigned to Toolbars, Context Menus or Task Bar Menus.



12.4.5 Symbol Library

- As in topic 12.2.5 *Define Symbol*, create a symbol library



12.4.7 Configure the Web Layout for the Workspace

Web Layout

Web Layout:

Library://Simrose land base 2/Layouts/Simrose land base 2 web layout.WebLayout

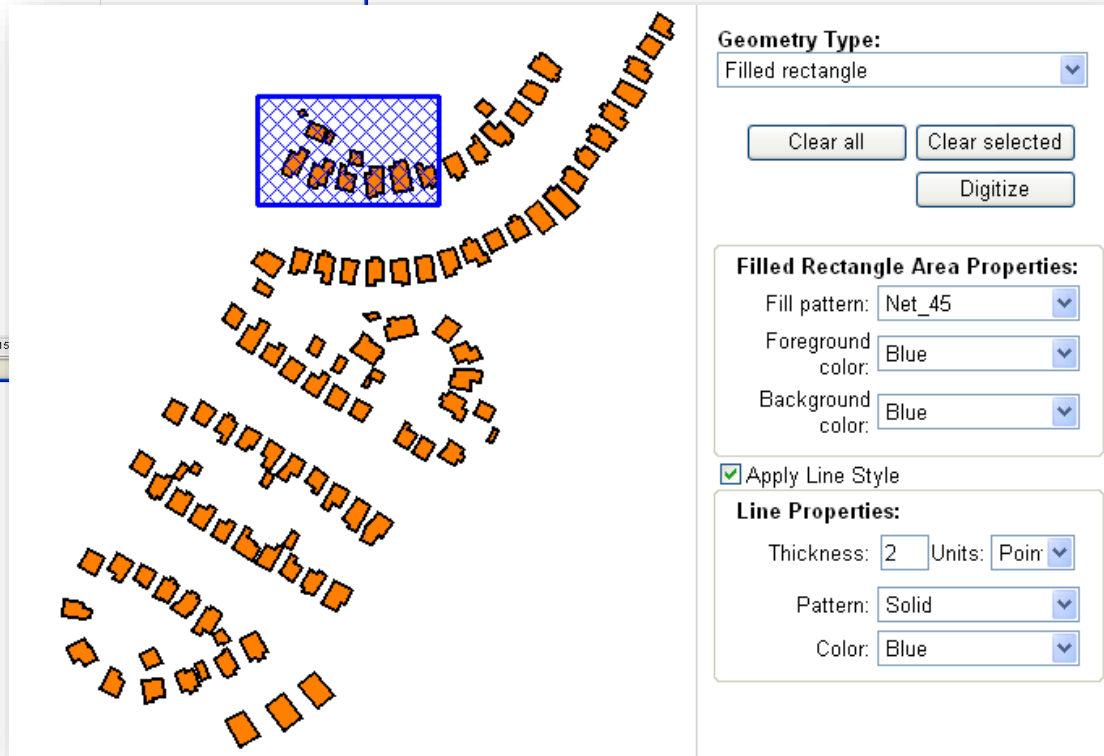
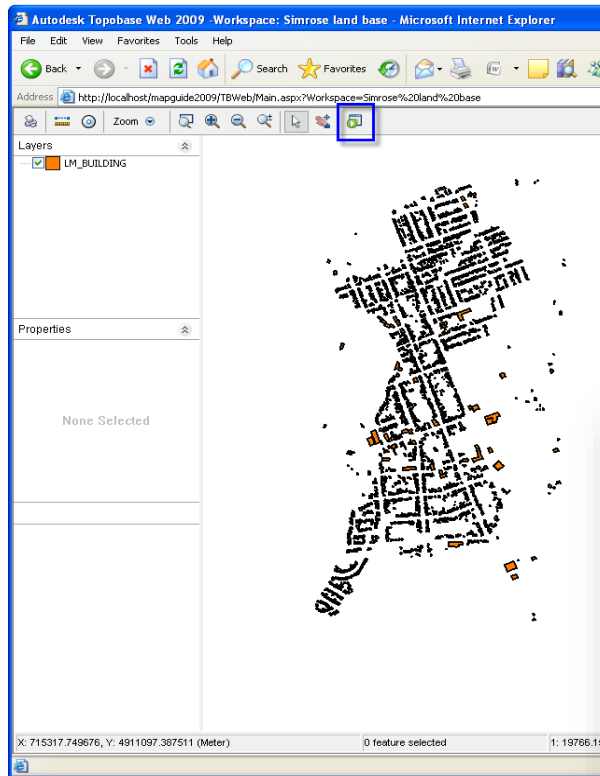
Web Symbol Library:

Library://Simrose land base 2/Symbols/Simrose land base 2 symbols.SymbolLibrary

Web Viewer:

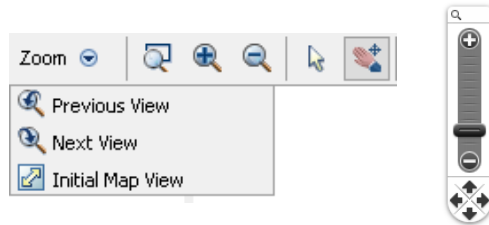
DWF

12.4.8 Show Result in Topobase Web

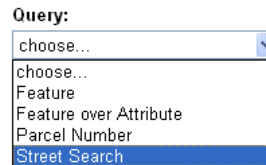


12.5 Using Topobase Web

- Some of the capabilities of the web application include:
- Navigate in the map, using the navigation tools provided by MapGuide



- Use the Topobase Position Finder to zoom to the position of features with certain attribute values.

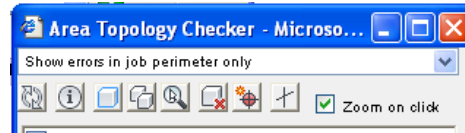
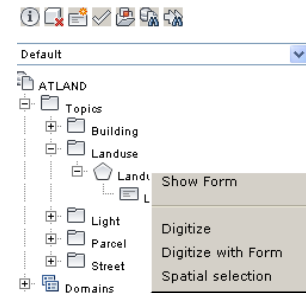


- You can select Features for information.



12.5 Using Topobase Web +

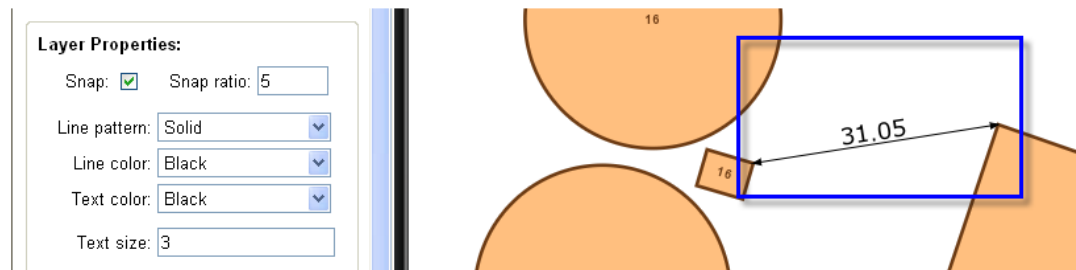
- Use the Document Explorer to edit features.
- Use the defined Topologies and the Connectivity Manager to control topological connections and use the Topology Checker



- Use the Construction features



- Generate temporary features for dimensioning.



12.7 Chapter Summary

- You should now be able to:
 - Load the Topobase Web Layout package in the MapGuide Site Administrator
 - Publish to MapGuide from the Autodesk Map
 - Use basic MapGuide functions
 - Add commands to a basic and a flexible Layout
 - Save your work in MapGuide packages
 - Assign the web layout, the symbols and the viewer to a workspace
 - Describe what a user can do in Topobase Web
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