



GraphWorX64 Bulk Publishing



APPLICATION NOTE

October 2015

Description: Guide to publishing displays in bulk and converting them to MobileHMI displays.

Introduction

Bulk Display Publishing in GraphWorX64 allows publishing multiple files from different locations to multiple formats locally or remotely through HTTP and FTP. This tool will help you to convert your desktop project to a MobileHMI enabled project without the need to manually convert your displays one by one. The bulk publishing is incorporated into Web Publishing Wizard.

Bulk Publishing

1. Open Web Publishing Wizard in GraphWorX64 by going to File → Publish
2. In the initial screen you may specify Communication Settings and the type of publishing:
 - a. Publish the currently loaded display – this option is greyed out if no file is currently loaded
 - b. Publish files in the current wizard configuration – the list will be created in the next step
 - c. Publish using a previously created publishing configuration file – the configuration is stored as xml file. This method allows you to customize every next step as in the previous method but options are preselected for your convenience. This method also allows you to perform silent publishing - click on Publish in this screen and the Publishing Wizard will follow the options saved in the specified configuration file.

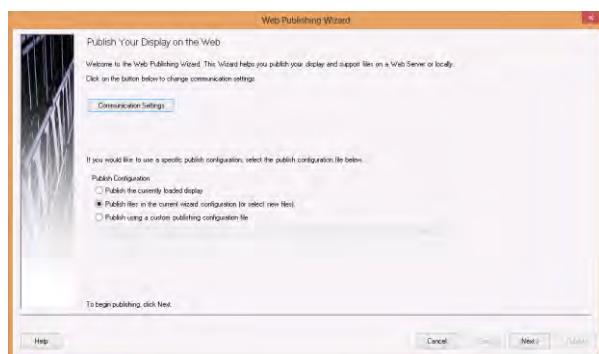


Figure 1 - Select Publishing Method

3. We will choose the second option and click Next to get to files selection. Click Add/Remove files to specify the list of displays to be published and continue to next step.

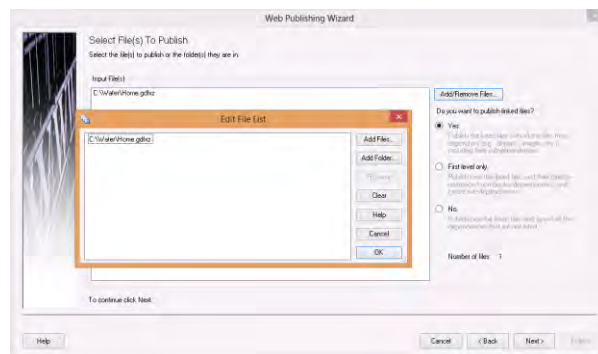


Figure 2 - Select Files to Publish

NOTE: You may also specify whether it should follow references in the listed displays and publish all the referenced displays, publish only those at the first level or publish none.

PERFORMANCE TIP: If all of your displays and their dependent files (such as images) are in the same folder, adding all of the displays in that folder to the publish list and choosing "First level only" or "No" when choosing to publish linked files will speed up performance. Note that choosing "No" requires you to choose ALL files to be published – no files will be found automatically via display links and references.

4. The Publishing Options page allows you to influence the appearance and format of the target files. One of the key features of bulk publishing is conversion, which is to convert existing files to another format. In order to use this feature you must check the option "Use Advanced MultiFormat Options". They allow the user to choose the format of the selected displays and the folder that each display should be saved in. Notice that the format is relative to the root display, not its dependencies. The dependencies of a display always go into a folder relative to the root display subfolder.

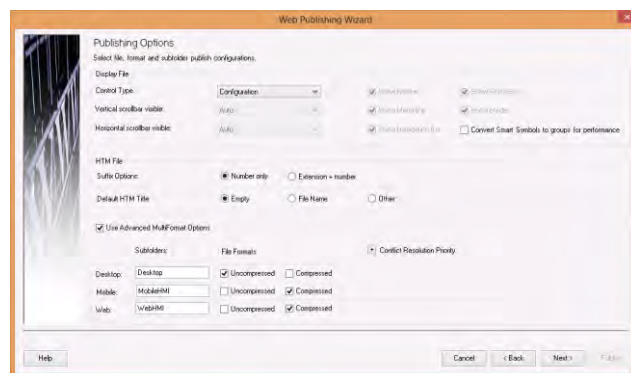


Figure 3 - Define Publishing Options Including Format Conversion

NOTE: The format entitled "Web" is actually the Silverlight version.

5. When you finish customization of your target files click Next. The selected files are analyzed for content and links. At the



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end of the analysis you are presented with a summary which pinpoints any warning or errors. You may also include or exclude the listed files from publishing in a specific format. When you finish your customization click Next.

6. Select Publishing location from a drop down menu, create a new one, or modify an existing one using the respective buttons. The Figure 4 shows that we create a new http location with default parameters on our web server. Click Next.

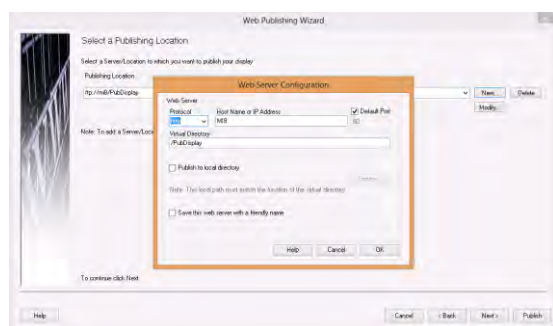


Figure 4 - Creating Publishing Location

7. Fill in User name and Password which should be used to access your web server.

NOTE: This step allows you to save the Publishing configuration you have just defined and reuse it next time.

8. Last step is the publishing itself. The wizard provides you the current status of the process and lists all issues that occurred during the publishing. It is a 2-phase process; First stage is the files preparation and the second step is the processing.

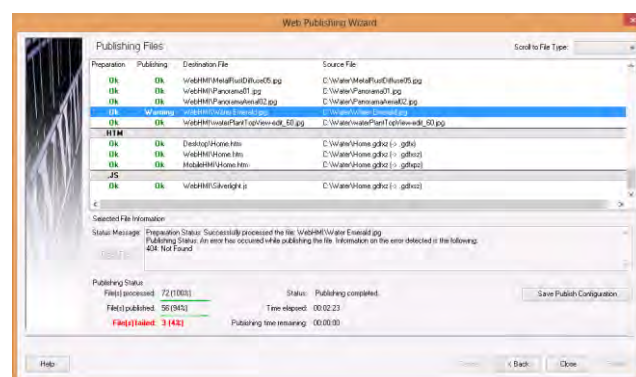


Figure 5 - Publishing Wizard Providing Status of Current Publishing

NOTE: This step allows you to save the Publishing configuration you have just defined and reuse it next time.

Setting up FTP or HTTP Server

In order to setup your FTP or HTTP server for publishing you should follow the application notes *GraphWorX64 - Publishing Displays Using the FTP Channel* or *GraphWorX64 - Publishing Displays Using the HTTP Channel*.