



Workbench

Project Management Quick Start



APPLICATION NOTE

September 2013

Description: Guide to pack and deploy a GENESIS64 project using the Workbench

OS Requirement: Vista x64/ Windows 7 x64/ Windows 8 x64/ Windows Server 2008 x64/ Windows Server 2008 R2 x64/ Windows Server 2012.

General Requirement: Installation of GENESIS64, Hyper Historian, or AnalytiX and some experience with the Workbench.

Introduction

The Workbench is the centralized Web-based environment for all the configuration of all GENESIS64 components. The Workbench can also act as an advanced operator interface for service management and has built-in project management functionality.

This document will walk you through the steps of managing, packing, and deploying a GENESIS64 project using the Workbench.

NOTE: For a general overview of the Workbench, please refer to the *Workbench – Quick Start Application Note*.

Packing a Project

1. With the Workbench already open and your project complete, it is now time to pack the project. From the Project tab in the Ribbon at the top of the Workbench, click the **Pack and Go...** button.

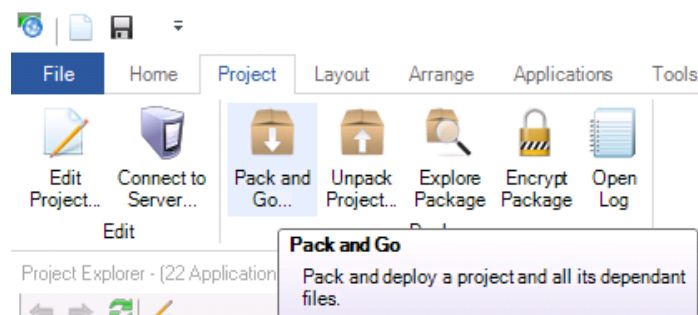


Figure 1 - Pack and Go Button

2. The Welcome to the Pack and Go Wizard will appear. You may check the box next to “Never show this welcome page again” if you do not wish to see this message when packing future projects. Click the **Next** button.
3. You will then be brought to the “Select the Project you want to package” dialog. You can select the current project or click the **Browse** button to locate the *.prjx Project file then click **Next**. You can also load previously configured wizard

configuration setting by selecting the “Load wizard settings” button to expedite the packing process.

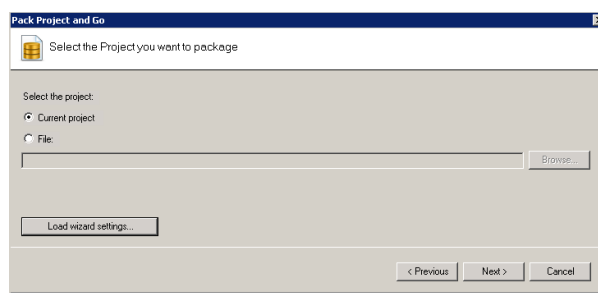


Figure 2 - Selecting the Project File

4. You will then be brought to the “Select the destination for the package file” dialog. Here you will designate where to save the *.pkgx package file. You can also choose to compress the project and select package protection (none, password protection, encryption). If you select either password protected or encryption, you will be prompted to enter a password and confirm the password.

NOTE: Password for encryption is not recoverable. Be sure to keep a record of this password in a safe place. Passwords are case-sensitive.

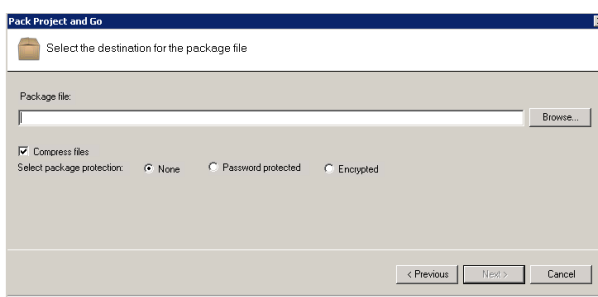


Figure 3 - Selecting the Destination for the Package File

5. Click **Next** to choose which configuration/files you want to pack. In here, you can see Package information, and also select which files from which providers (and location) that you want to be included in the package.



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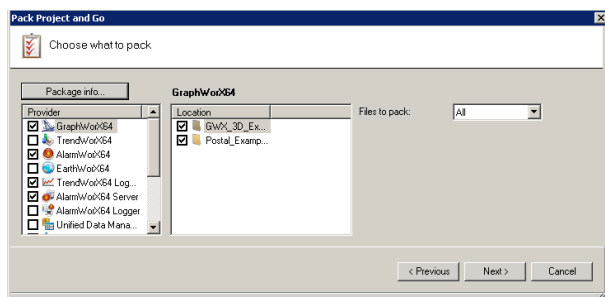


Figure 4 - Selecting the Content of the Package

- Click **Next** to pack any custom databases you may have, such as logging databases.
- Select **Next** to enable find and replace function. It is turned off by default. You can use this feature to quickly replace parts of your project when you deploy, such as server names.
- Select **Next** to see the final dialog window. Here you can check the box next to "Show the log file when the operation finishes" to display the pack report.

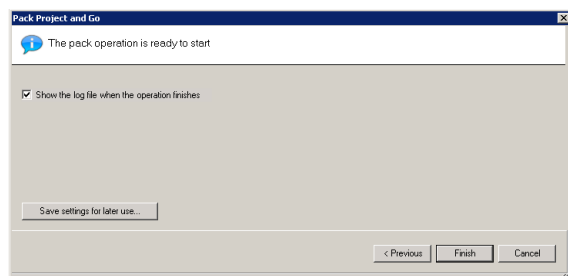


Figure 5 - Creating a Log File for the Package

- Click **Finish**. The Pack Project and Go wizard will then pack the project. It will take a while depending on how you set up the project package.
- If you chose to show the log file when the wizard is closed on the previous dialog box, you will see a log similar to Figure 6.

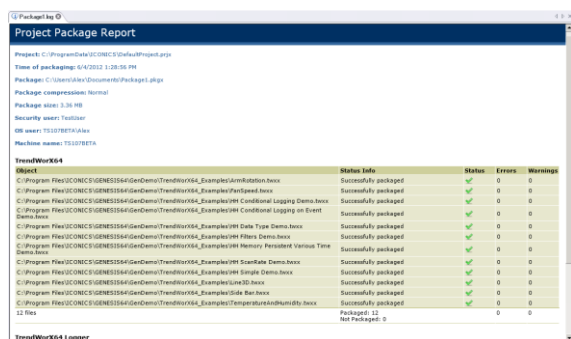


Figure 6 - Example Packing Log

Deploying a Project

- Open the Workbench, go to the Project tab, and click **Unpack Project**.

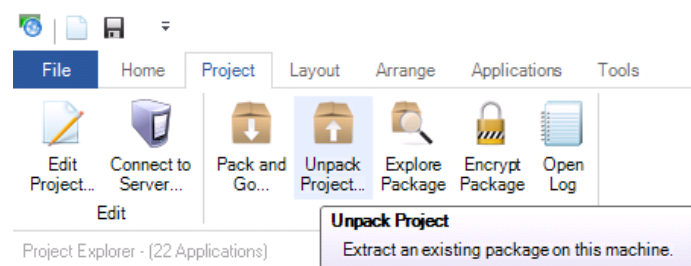


Figure 7 - Unpack Project Button

- The "Welcome to the Unpack Wizard" dialog will appear. You can select the check box next to "Never show this welcome page again" if you do not wish to see this message again when unpacking projects.
- Click **Next**. The "Select the package you want to extract" dialog appears. Click the **Browse** button to locate the *.pkgx Package file.

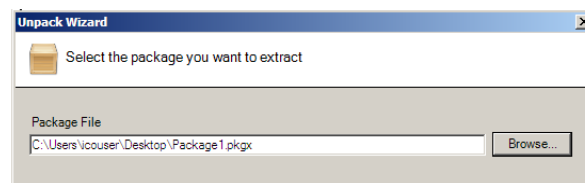


Figure 8 - Selecting the package to be unpacked

- Click **Next**, you will be brought to the "Select the destination for the extracted files" dialog. You can either unpack it to the current project, or select a project file to which you want this project to be applied.
- Click **Next**. The "Customize unpack options" dialog appears. You can choose to create new items, update existing items, delete nonexistent items, and activate databases when you unpack the project.
- Click Next, and give your alias values, if you configured Find & Replace for
- Click **Next**, you will have the option to view the unpack log after the unpack operation finishes.

Congratulations, you have just deployed your packed project, and can now run it on the deployed machine.