



Workbench Quick Start



APPLICATION NOTE

September 2013

Description: Guide to navigating the different parts of the GENESIS64 project management application.

OS Requirement: Windows 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 and general Windows Operating System knowledge.

Introduction

The Workbench is a centralized web-based environment where you can configure 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 intends to give you a general overview of the Workbench capabilities.

The Workbench Overview

You can configure all GENESIS64 applications within the Workbench, allowing for faster development and cost savings in building any application. At a glance, the Workbench has the following capabilities and advantages:

- Remote Web-Based Configuration
- Ability for Concurrent Configurations
- Fully Customizable
- Supports Online Changes
- Outlook-style Navigation Bar
- Load-On-Demand Support
- Supports All GENESIS64 Servers
- Layout Manager
- Template Gallery
- Pack and Go

The Workbench is installed with the GENESIS64. You can start it by going to **Start → Programs → ICONICS → Workbench**.

NOTE: There is also a remote access capability to work with the Workbench over Internet Explorer running on a Win32 system. For more information, please refer to the application note entitled *GENESIS64 – Running in Internet Explorer*.

The Workbench consists of three main sections:

- The ribbon at the top
- The Project Explorer to the left
- The contents area, which is the rest of the screen

We will go through each of these different sections in this document. It is recommended that you should be familiar with the workspace inside the Workbench and be able to customize it to allow for maximum productivity.

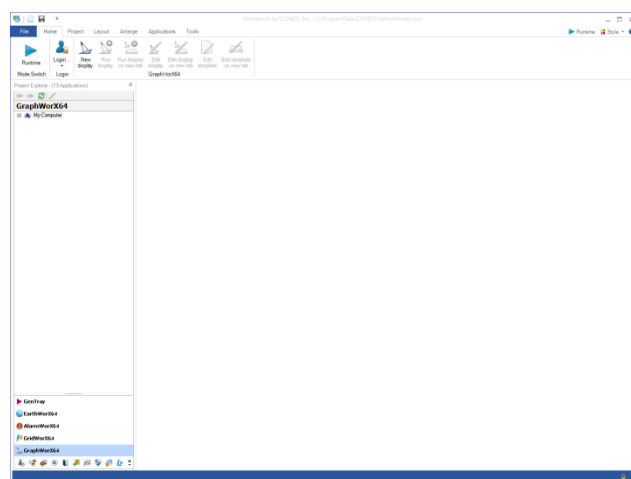


Figure 1 - The Workbench

The Ribbon

If you have worked with MS Office 2010, you will be familiar with the idea of working with ribbons. Like Office 2010, the ribbon in the Workbench is content sensitive, meaning that when you choose an application from the Project Explorer, the content of the ribbon will change, displaying options that apply to the specific application. As an example, if you open a GraphWorX64 display in configuration mode, the ribbon of the Workbench will change to the ribbon for GraphWorX64 accordingly.

There are seven tabs in the Workbench ribbon: File, Home, Project, Layout, Arrange, Applications and Tools. We will discuss some of these tabs in later sections.

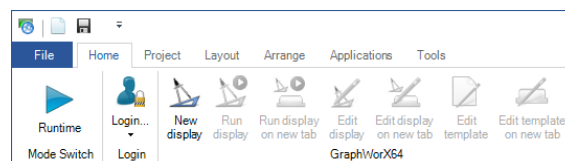


Figure 2 - Tabs of the Workbench Ribbon

The Project Explorer

On the left side you will see all of the ICONICS Tools inside the Project Explorer. This is not limited to ICONICS application servers; you can add third party application servers also. For



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more information regarding the addition of third party application servers, please refer to documentation or contact ICONICS Technical Support.

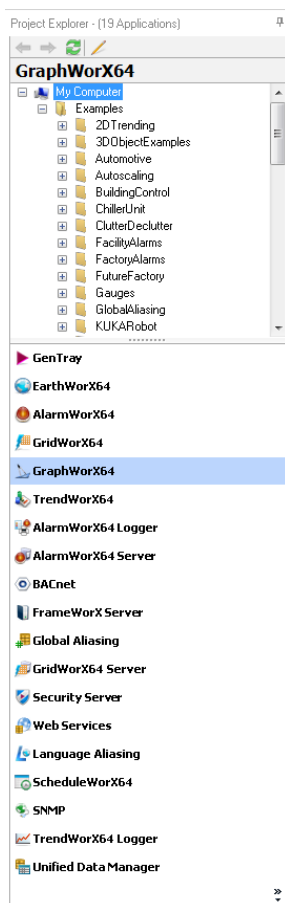


Figure 3 - The Project Explorer in the Workbench

You will see that this increases the usability of the application servers. If your project needs just a few of the application servers, you can remove the unwanted application servers in the project manager. For more information regarding project management, please refer to the application note *Workbench – Project Management Quick Start*.

The Contents Area

Depending on the application you choose in the Project Explorer, you can open the corresponding configurator in the contents area.

For example, if you want to edit a GraphWorX64 display, you can select GraphWorX64 from the application servers and navigate to

find the display you want to edit. You can then right-click on it to bring up a content sensitive menu.

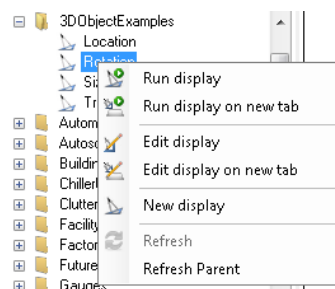


Figure 4 - Content Menu for GraphWorX64

You can choose, among other options, to open the display in runtime mode or in configuration mode in the current working tab or in a new tab. Using tabbed windows allows you to have multiple displays or even multiple configurations from multiple application servers open, and you can select which to work on easily by clicking the respective tab.

Notice that the contents of the ribbon change when you open a display, in this example in configuration mode. Also, notice that there are two displays opened, each in their own tab as shown in Figure 5.

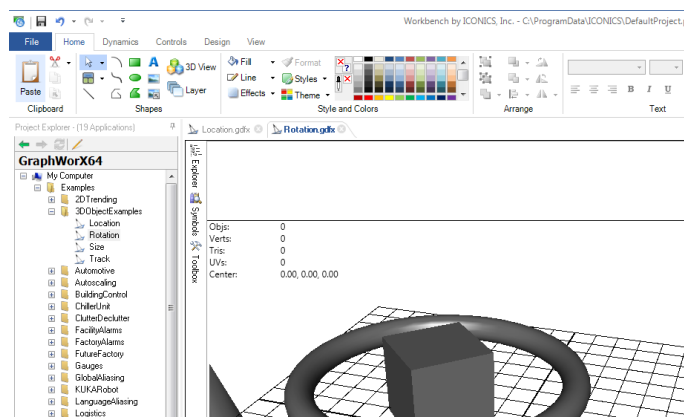


Figure 5 - GraphWorX64 displays in the Workbench

If you need to see both displays side by side or cascaded, you can choose a Template from the Arrange tab of the Workbench ribbon.

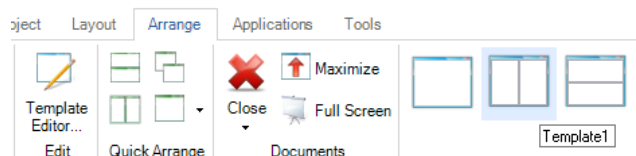


Figure 6 - Workbench templates

Alternatively, you can grab the tab and drag it to the desired position. You will see docking squares in the middle of the monitor showing the options.

As your mouse moves, the particular part of the screen where the display may go highlights in blue to indicate where you can drop the display.

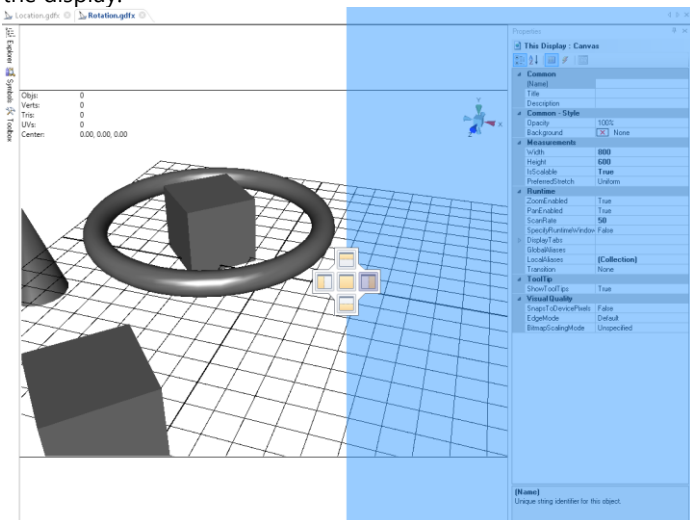


Figure 7 - Moving a display to a different location

This is very useful if you want to copy objects from one display to the other. Just hold down the control key and click the object and drag it into place.

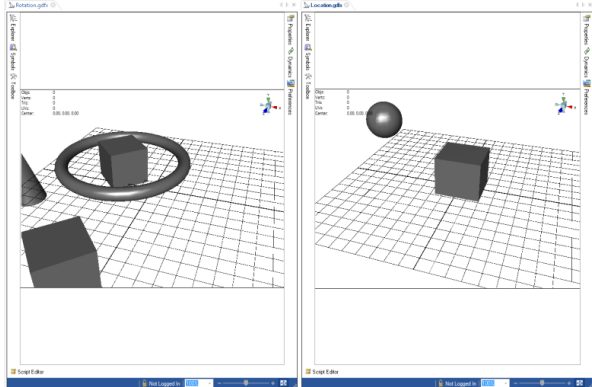


Figure 8 - Two side-by-side displays

Project Management

As mentioned before, you can add or remove application servers as needed to the specific project. This is done by clicking on the "Edit Project" button through the Project tab inside the Workbench, or by clicking on the pencil button at the top of the Project Explorer. Clicking either button opens the Add/Remove Project Application dialog, indicated in black in Figure 9.

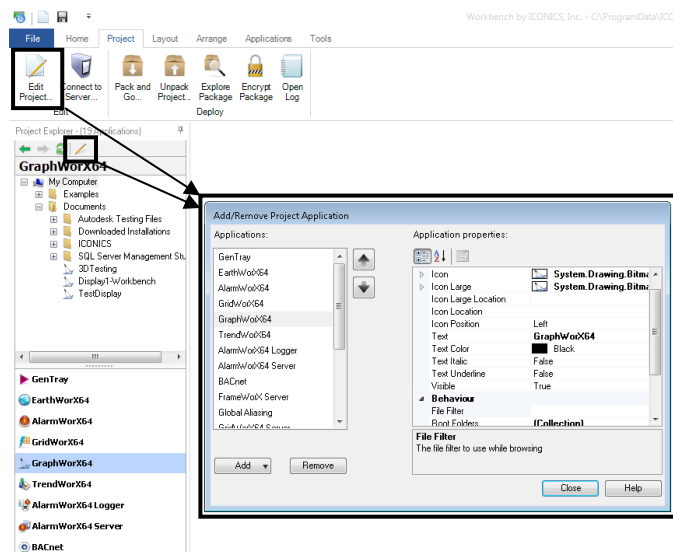


Figure 9 - Edit Project to Add or Remove Applications

You can also connect your Workbench to a remote server using the "Connect to Server" functionality from the Project tab.

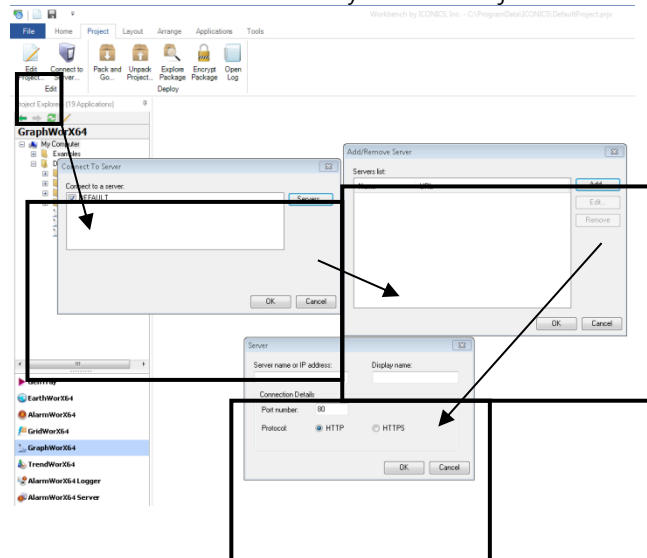


Figure 10 - Connecting to a Different Project Server



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You can also pack your project for easy deployment, using the "Pack and Go..." functionality in the project tab.

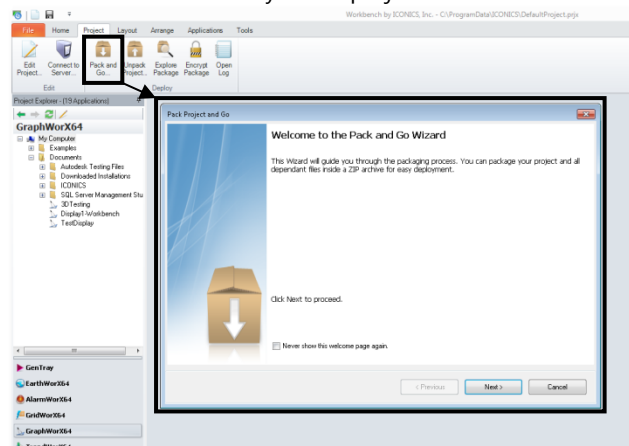


Figure 11 - Pack Project Option

This will create a compressed *.zip file which can be unpacked, explored, and encrypted by the Workbench.

NOTE: For more information on how to pack or deploy a project, please refer to the application note entitled *Workbench – Project Management Quick Start*.

Workbench Options

If you click on the File tab (highlighted tab at the top left corner), you get some general options as shown in Figure 12.

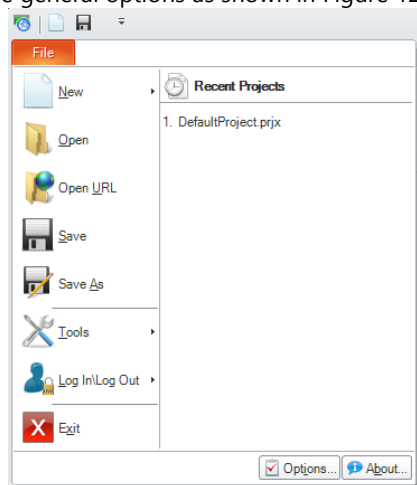


Figure 12 - Workbench Options

The ones worth mentioning are Tools and Log In/Log Out.

NOTE: Tools are also available through the Tools tab.

In the Tools option, you can start TraceWorX64 as well as view your license information by clicking on "Licensing" as shown in Figure 13. This information could be helpful in case something behaves differently than you expect.

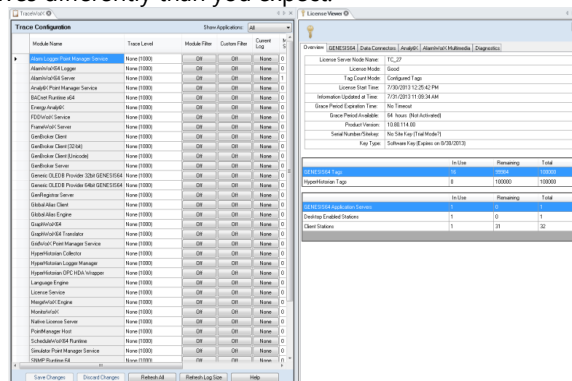


Figure 13 – TraceWorX64 and License Viewer

When you click the Log In/Log Out option, it will display a Security Login dialog. Using this dialog, you can log into ICONICS security. This is also important because once you enable security, you may need to login before you can see some of the options in the application tree. If you see a blank application tree when you click an application such as Global Aliasing, it could be because of a lack of security. Using this option to login should bring back your configuration.

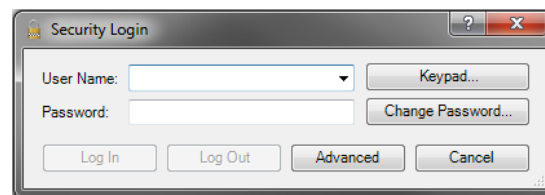


Figure 14 - Security Login Dialog

NOTE: For more information about ICONICS security, please refer to the application note entitled *Genesis64 Security – Quick Start*.