



Workbench for Desktop

Creating New Configuration Databases



APPLICATION NOTE

October 2015

Description: A guide demonstrating how to create, edit, and use Configuration Databases in Workbench for Desktop

Introduction

Workbench for Desktop is an additional centralized environment for GENESIS64 product configuration and runtime operations, providing a framework for security, project management, and multimedia technology to configure alarms. It is available in addition to the classic Workbench (which uses Windows Presentation Foundation technology) and Workbench Silverlight (which uses Microsoft Silverlight technology).

The Workbench is designed for concurrent configuration by multiple development team members over the internet. It follows the *optimistic concurrency model*; there are no database locks. Multiple application servers and databases can be configured simultaneously.

How to Create and Use New Configuration Databases in Workbench for Desktop

In Workbench for Desktop you can either have separate configuration databases for each provider (AWX server, Global Aliasing, SNMP, etc.) or you can have one unified configuration database, which contains all configuration for all configured providers. GENESIS64 will by default install separate databases. You can change this by selecting "Install all configurations in one unified database" during the GENESIS64 installation, or after installation by running "Configure System" from the Windows Start Menu.

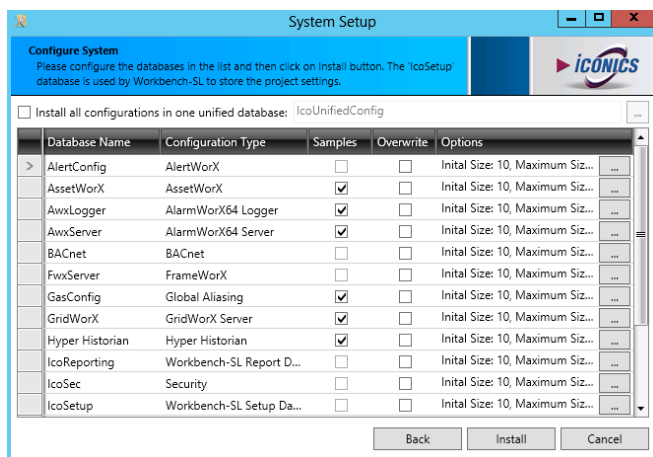


Figure 1 - Installing all configurations in one unified database

1. Run Workbench Desktop from the Windows Start Menu.
2. In the Ribbon select ProjectWorX -> Configure database.
3. Fill in the name of a new Configuration Database you wish to create and then click Next.

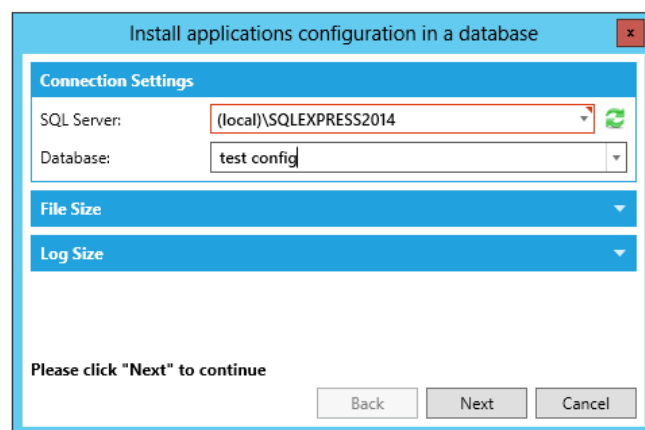


Figure 2 - Creating a new configuration database

4. On the next window you can select which provider configuration will be included in this database. You can select multiple providers, and choose whether to include Sample Data.

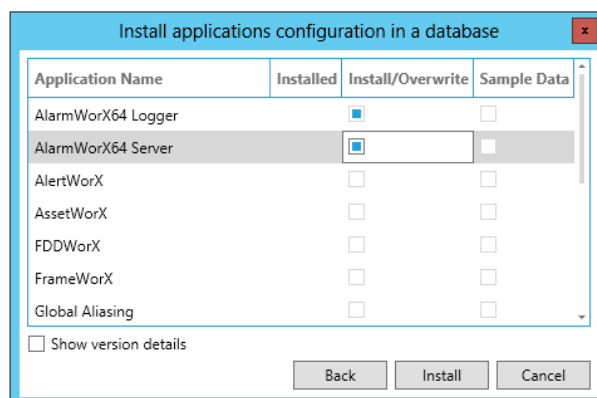


Figure 3 - Selecting options for each provider

5. Click Install, and a database with corresponding tables will be created in your SQL server.

Note that you can add additional provider configurations to this Database by repeating steps 1-4.



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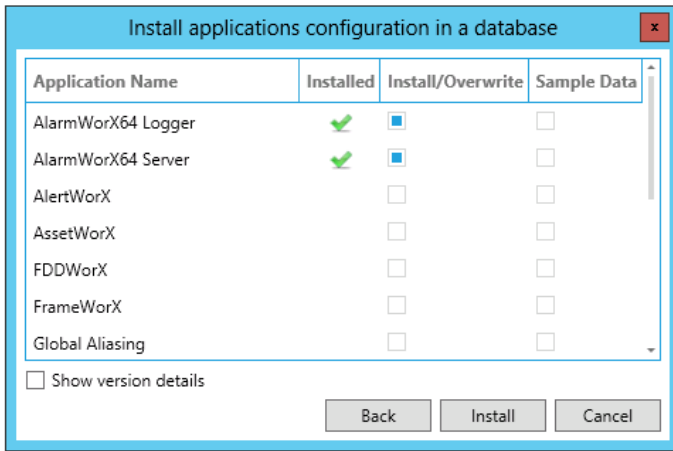


Figure 4 - Adding new provider configurations into existing database

Now we will connect our providers to the new created database.

6. Select MyProject from the Project Explorer Pane and then double click on MyProject – this will load the project details window.
7. In the Project Applications window you can setup the Configuration Database for all your providers in your project. Select the relevant SQL server and catalog name by clicking on the "SQL Server" and "Catalog" fields for that provider and choosing the desired option from the drop down list.
8. Click the Apply button to apply any changes.

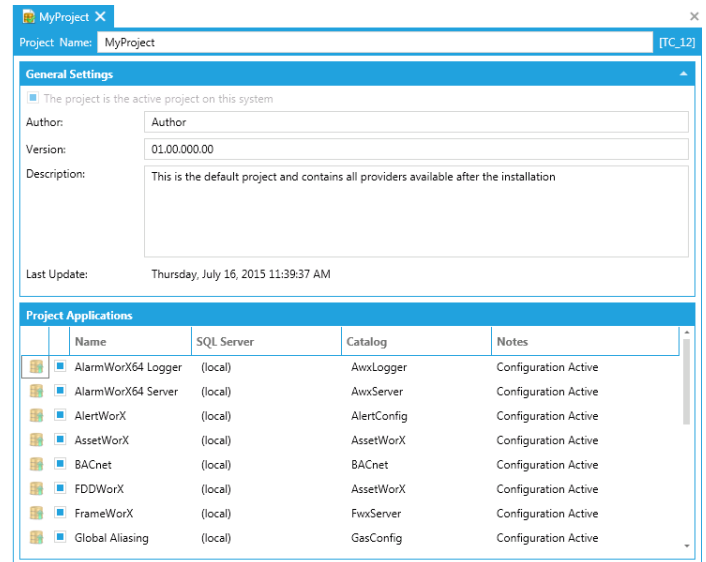


Figure 5 - Connecting a provider to a configuration database

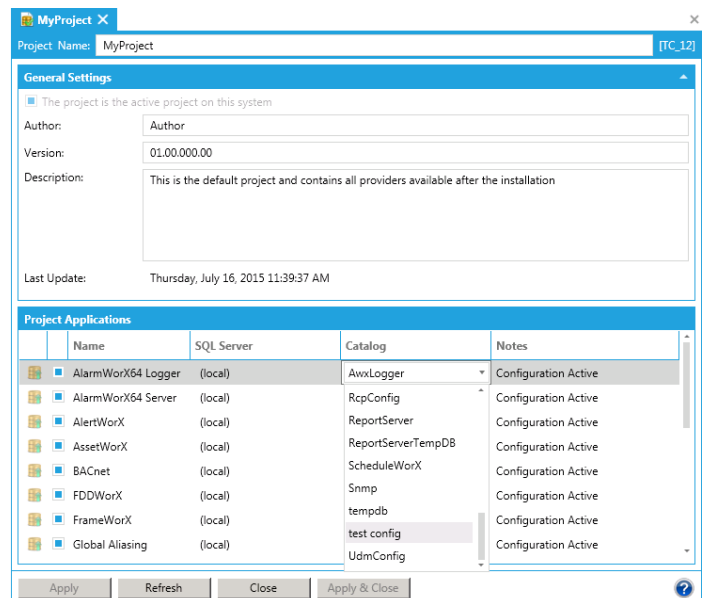


Figure 6 - Selecting a new configuration database