

Using XLReporter with WinCC Advanced Historical Values

Overview

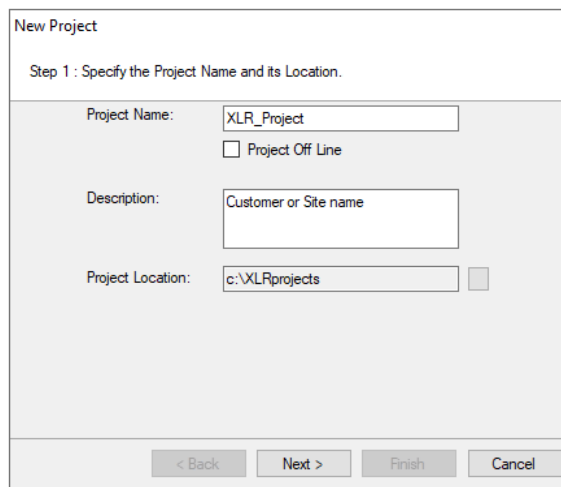
This connector is used to get historical values logged to a database by WinCC Advanced.

Create a Project

From the **XLReporter Project Explorer** select **File, New** to start the **Project Wizard**. This will give step-by-step instructions on creating a project.

Step 1

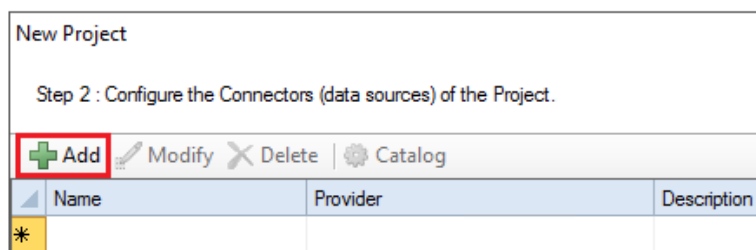
- Enter a **Project Name** and **Description** (optional).



The screenshot shows the 'New Project' dialog box. The title is 'New Project'. Below the title, it says 'Step 1 : Specify the Project Name and its Location.' There are three input fields: 'Project Name' with the text 'XLR_Project', 'Description' with the text 'Customer or Site name', and 'Project Location' with the text 'c:\XLRprojects'. There is a checkbox labeled 'Project Off Line' which is unchecked. At the bottom, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'.

Step 2

- Configure the data connector, click **Add**.



The screenshot shows the 'New Project' dialog box. The title is 'New Project'. Below the title, it says 'Step 2 : Configure the Connectors (data sources) of the Project.' There is a toolbar with four icons: a green plus sign labeled 'Add', a pencil labeled 'Modify', a crossed-out X labeled 'Delete', and a gear labeled 'Catalog'. Below the toolbar is a table with three columns: 'Name', 'Provider', and 'Description'. The table has one row with a yellow asterisk in the 'Name' column.

Name	Provider	Description
*		

Select **Siemens SIMATIC, WinCC Advanced Historical values**.

Primary Database

This setting defines the connection where the WinCC Advanced is configured to log to. Use the browse button [...] to define the database connection.

Table

Once the database connection is established, the Table containing the data can be selected.

Settings

The **Settings** button opens the **Settings** dialog that defines characteristics of the database that are used to retrieve data.

Typically, these settings are defaulted correctly based on the **Primary Server**. If not, then these settings will need to be updated. See the **Database Connectors** document for more information on each setting.

Verify the Data Connector

XLReporter retrieves data from the **Data Connector** using a **History Group**.

From the **XLReporter Project Explorer** select, **Tools, Connector Groups**

Select the *WinCC Advanced Historical values* connector and then select **Add**.

- Set the **Type Raw Values** and click **OK**.

On the **Columns** tab of the group, select the tag **Name(s)**.

Select **Preview**, pick a *Start* date and click **Refresh**.