System Check

Overview

The **System Check** is provided to perform diagnostics on the installation, verify data connectivity and retrieval from real-time data sources and to help repair any defects found in the system.

System Check is opened from the Project Explorer on the right-side **Tools** tab in the **Diagnostics** section by clicking **System Check**.

The **File**, **Save** option is provided to save any item added under the **Connector** tab so it can be reloaded if needed.

When **System Check** is closed, if *default.sck* does not exist in the project it is created and saved with any item selected in the **Connector** tab. The next time **System Check** is opened, *default.sck* is loaded.

Connector

The Connector tab is used to verify reading/writing to real time data connectors.

🖶 Add 🥒 Modif	y 🔀 Delete 🛛 🔛 Clear 🛛 🥚 Start			
Connector	Item	Description	Value	
KLR DA	Manufacturing.Mixer zone 1 temperat	Mixer zone 1 temperature	75.5419969023972	
KLR DA	Manufacturing.Mixer zone 2 temperat	Mixer zone 2 temperature	75.5419969023972	
KLR DA	Manufacturing.Mixer barrel speed	Mixer barrel speed (RPM)	30.5419969023972	
KLR DA	Manufacturing.Mixer ram pressure	Mixer ram pressure	83.215063592166	
(LR DA	Manufacturing.Extruder zone 1 tempe	Extruder zone 1 temperature	55.5319969023972	
(LR DA	Manufacturing.Extruder zone 2 tempe	Extruder zone 2 temperature	75.5419969023972	
(LR DA	Manufacturing.Extruder screw speed	Extruder screw speed	70.5419969023972	
(LR DA	Manufacturing.Extruder pellet speed	Extruder pellitizer speed	80.5419969023972	
LR DA	Manufacturing.Reactor tank temperat	Reactor tank temperature	55.5319969023972	
LR DA	Manufacturing.Reactor agitator speed	Reactor agitator speed	95.5376589804149	
LR DA	Manufacturing.Reactor inlet temperat	Reactor inlet temperature	100	
LR DA	Manufacturing.Reactor outlet tempera	Reactor outlet temperature	90	
LR DA	Manufacturing.Production total	Production total output	79.3196546060581	
LR DA	Manufacturing.Production accepted	Production total good product	0	
				2

Select Add, choose a real-time Connector and some Items provided by the connector.

Click **Start** to have the values update at the rate specified in **Edit**, **Update Rate**. If the item support writes, click **Modify** and set a new value for the items. To clear the list, click **Clear**.

The lower part of the display shows any errors that occurred when the items are read. In the lower right are the scan times of various operations, **Open Server items (ms)** indicates the speed to establish communications and **Read Server items (ms)** indicates the speed at which the items are read.

General

The **General** tab is used for general tests. Click the **Start** pushbutton to have the installation scan and repair defects. When complete, the display will show the results of the scan. As part of the scan every connector configured in the project is verified.

System Check	
File Edit Tools	
Connector General	
Start	
Test	Result
Input folder write access	Pass
Excel Reports folder write access	Pass
PDF Reports folder write access	Pass
Web Reports folder write access	Pass
Master project synchronization - Data folder	Synchronized
Master project synchronization - Input folder	Synchronized
Master project synchronization - Reports folder	Synchronized
Master project synchronization - PDF folder	Synchronized
Master project synchronization - Web folder	Synchronized
Additional project folders	Synchronized
XLReporter Excel Add-in	Not used
Web Portal / Team Portal	Internet Information Services (IIS) is not installed
Testing connector - XLR DA	Pass
Testing connector - XLR_History	Pass
Testing connector - Access DB	Pass
Testing connector - Access-Water	Pass
Testing connector - Access-Water1	Pass
<	>

The results of the scan are saved to *SystemCheck.txt* in the **Log** folder of the project. This makes it easier to troubleshoot the system as this file can be provided to a technical support specialist for analysis.

Tools

Install Design Studio

This option is enabled when Microsoft Excel is installed on the system and the **Template Design** setting for the project is set to *Use XLReporter Addin in Excel* but the **XLReporter** ribbon has not been installed into Excel. When selected it attempts to install the **XLReporter** ribbon into Excel for use in designing reports.

Repair Design Studio

This option is enabled when Microsoft Excel is installed on the system, the **Template Design** setting for the project is set to *Use XLReporter Addin in Excel* and the ribbon has been installed. When selected it attempts to repair any issues between the ribbon and Excel itself.

Set up Web Portal

If the **Distributed Edition** of XLReporter is installed but the web portal configuration needs to be changed, this option can be used to open the same set up configured during installation.

Distributed Editio	n X		
IP Address	192.168.8.252		
Application	XLRweb		
Physical Path	C:\XLReporter		
Website	Default Web Site 💌		
	Advanced		
Web Portal URL	192.168.8.252/XLRweb		
-Identity			
Built-in acc	count		
Application	PoolIdentity		
C Custom ac	tom account		
Account	Admin		
Password			
Confirm			
	Setup Cancel		

Note, Windows Administrator privileges are required to access this application.

For information on the settings provided, see the **Setup the Web Portal** document under the REPORT section of the **Document Library**.

Distributed Clients

Distrik	outed Clients			
То	tal Clients	5		
	User		IP Address	
Þ	Janet			
	Sarah			
	Patrick			
	Ed			
	Fred			
				Log Off
				Close
				51036

If the Distributed Edition of **XLReporter** is installed, this option displays the list of currently logged in clients to the **XLReporter** Team Server. The list contains clients connected using the Web Portal, the Windows Client, or the REST API.

Each client **User** name is listed along with the **IP** Address of where they are connected from. If **User Accounts** are not enabled in the project, the **User** name appears as **Guest**. If the **IP** Address is shown as *local*, this means the client is connected on the local machine using *localhost* as the server name.

A client may be logged out here by selecting the row and clicking Log Off.

Please note that this list is not dynamically refreshed. To refresh, click the Refresh button is to the right of the **Total Clients** count.

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