



What Data will be Logged

Understanding What Data will be logged with the OPC Data Logger



What Data will be logged?

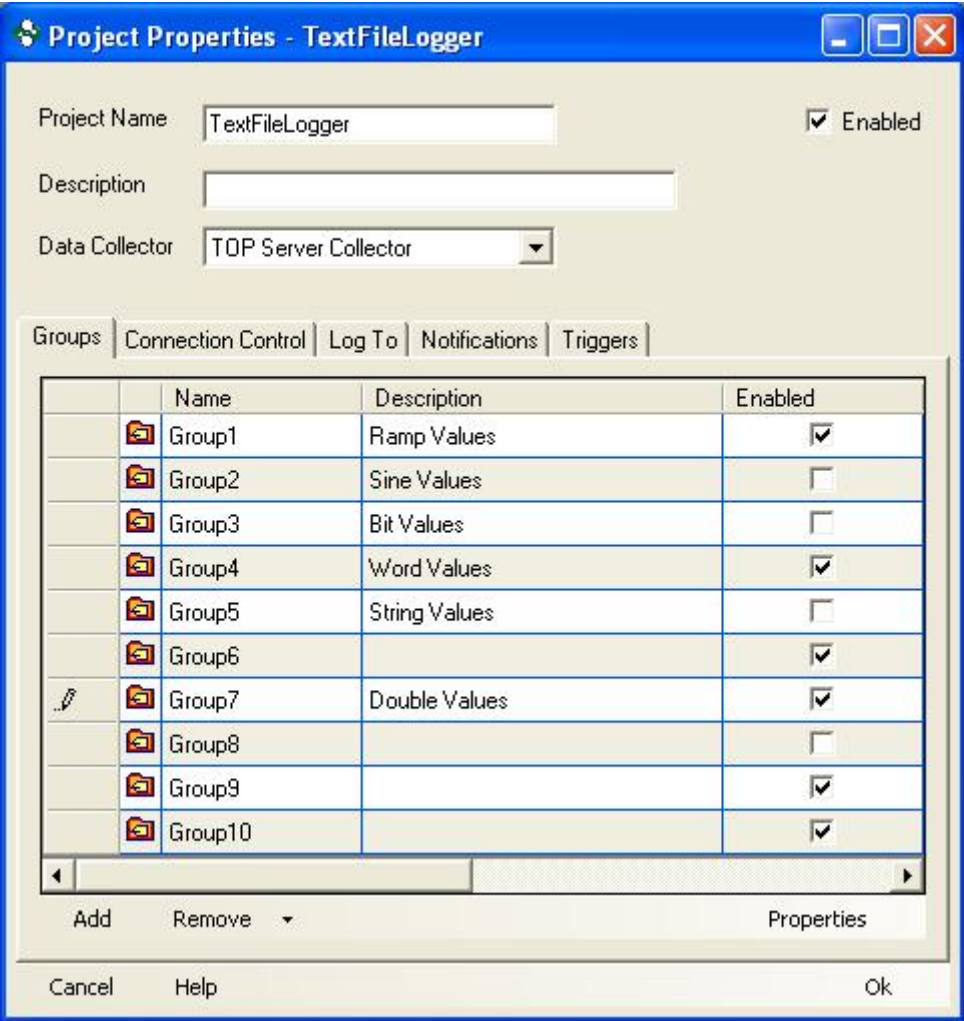
What determines which items get logged? There are three main layers that define which tags will get logged. Data Collector, Groups, Data Presentation Mode

Data Collector

A Data Collector defines which computer and which OPC Server the items being logged will come from. Once you have specified a Data Collector you can then add Groups of items to your project.

Groups

Any tag you want to log must be added to a Group. A project is where groups are stored. To view all your Groups for a specific project open the Properties of that project. From this page you can enable and disable groups for logging. If a Group is disabled none of its items will be logged.



Project Properties - TextFileLogger

Project Name: ☒ Enabled

Description:

Data Collector:

Groups | Connection Control | Log To | Notifications | Triggers

	Name	Description	Enabled
	Group1	Ramp Values	<input checked="" type="checkbox"/>
	Group2	Sine Values	<input type="checkbox"/>
	Group3	Bit Values	<input type="checkbox"/>
	Group4	Word Values	<input checked="" type="checkbox"/>
	Group5	String Values	<input type="checkbox"/>
	Group6		<input checked="" type="checkbox"/>
	Group7	Double Values	<input checked="" type="checkbox"/>
	Group8		<input type="checkbox"/>
	Group9		<input checked="" type="checkbox"/>
	Group10		<input checked="" type="checkbox"/>

Add Remove

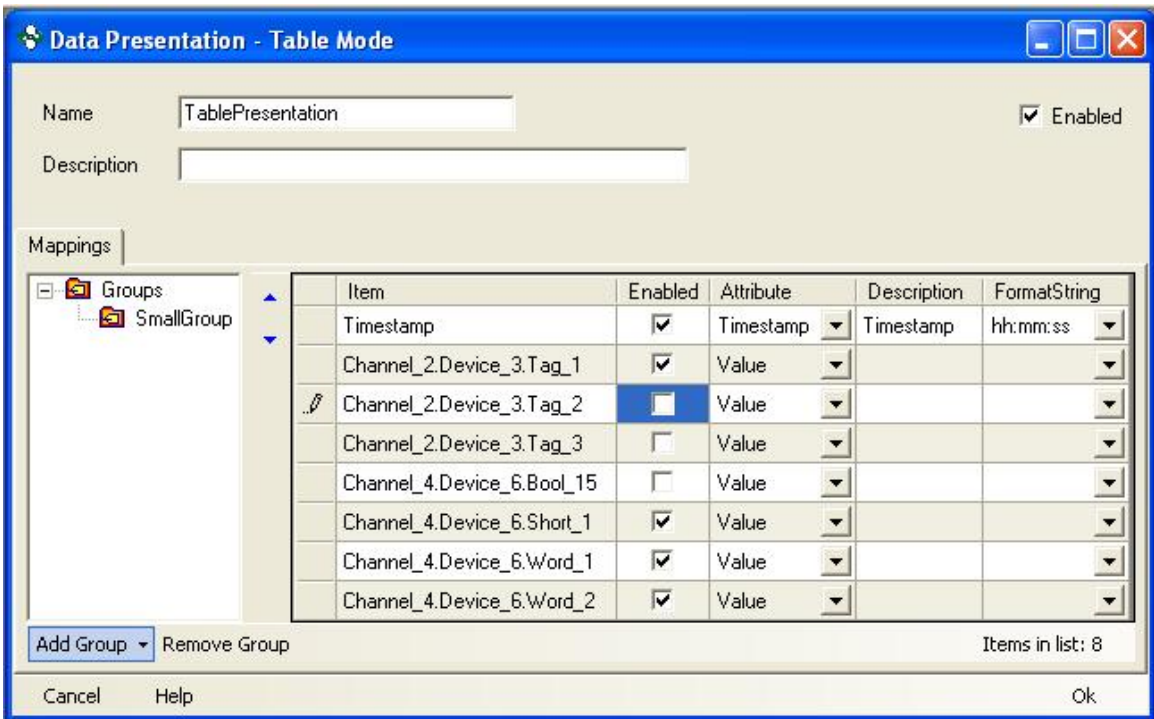
Cancel Help

Data Presentation Mode

There are two different types of Data Presentation modes: Table and Detail.

Table Mode

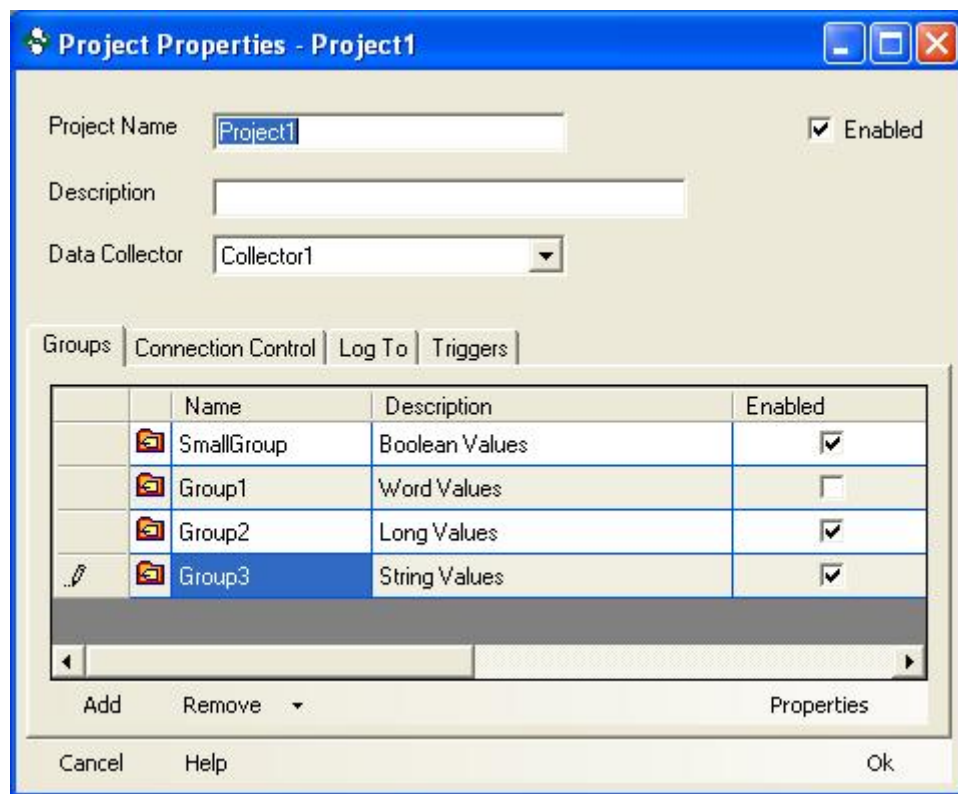
In Table Mode only the groups you add to your Table Presentation will be logged. Once you add a group to your presentation you can disable any items you do not want to log. Each Table Presentation requires at least one group containing at least one item. There is no limit to the number of groups each presentation can have.



Item	Enabled	Attribute	Description	FormatString
Timestamp	<input checked="" type="checkbox"/>	Timestamp	Timestamp	hh:mm:ss
Channel_2.Device_3.Tag_1	<input checked="" type="checkbox"/>	Value		
Channel_2.Device_3.Tag_2	<input type="checkbox"/>	Value		
Channel_2.Device_3.Tag_3	<input type="checkbox"/>	Value		
Channel_4.Device_6.Bool_15	<input type="checkbox"/>	Value		
Channel_4.Device_6.Short_1	<input checked="" type="checkbox"/>	Value		
Channel_4.Device_6.Word_1	<input checked="" type="checkbox"/>	Value		
Channel_4.Device_6.Word_2	<input checked="" type="checkbox"/>	Value		

Detail Mode

In Detail Mode all enabled groups within the project will be logged. You can disable each group within the Project Properties page.







Project Properties - Project1

Project Name: ☒ Enabled

Description:

Data Collector:

Groups | Connection Control | Log To | Triggers

	Name	Description	Enabled
	SmallGroup	Boolean Values	<input checked="" type="checkbox"/>
	Group1	Word Values	<input type="checkbox"/>
	Group2	Long Values	<input checked="" type="checkbox"/>
	Group3	String Values	<input checked="" type="checkbox"/>

Add Remove ▾ Properties

Cancel Help Ok

