



Report Tool – Archive to CSV Explains

07 AUG 2024

Content

- Project name: Archive2CSV
- Add-in name: Archive to CSV
- Add-in description: Create CSV Report for Archive

- Runtime Wizard
 - ProjectWizardExtension.cs
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 - Form2.cs

Form

Form 1

Archive to CSV Tool

ABB

Daily

Monthly

Yearly

Custom

Summary

Average

Minimum

Maximum

Value

DateTime: 2024/08/07

Archives

Confirm Selection

Selected Archives

Folder: C:\Temp

File Name: ReportExport.csv

Preview

Print

Form 2

Report Preview

Duration: Daily

DataType: Average

	Timestamp	Archive Name	Variable Name	Value
▶	8/5/2024 - 11:45:00	11	YADONG-22k-100.Feature.SLD....	10.35533333333333
	8/5/2024 - 12:00:00	11	YADONG-22k-100.Feature.SLD....	36.81299999999999
	8/5/2024 - 12:45:00	11	YADONG-22k-100.Feature.SLD....	20.93933333333333
	8/5/2024 - 13:00:00	11	YADONG-22k-100.Feature.SLD....	53.64566666666667
	8/5/2024 - 13:15:00	11	YADONG-22k-100.Feature.SLD....	69.94399999999995
	8/5/2024 - 13:30:00	11	YADONG-22k-100.Feature.SLD....	70.38033333333329
	8/5/2024 - 13:45:00	11	YADONG-22k-100.Feature.SLD....	70.38033333333329
	8/5/2024 - 11:45:00	21	YADONG-6kV-MVCB1.Feature....	8.876000000000001
	8/5/2024 - 12:00:00	21	YADONG-6kV-MVCB1.Feature....	31.55399999999999
	8/5/2024 - 12:45:00	21	YADONG-6kV-MVCB1.Feature....	17.948
	8/5/2024 - 13:00:00	21	YADONG-6kV-MVCB1.Feature....	45.98200000000001
	8/5/2024 - 13:15:00	21	YADONG-6kV-MVCB1.Feature....	59.95200000000002
	8/5/2024 - 13:30:00	21	YADONG-6kV-MVCB1.Feature....	60.32600000000002
	8/5/2024 - 13:45:00	21	YADONG-6kV-MVCB1.Feature....	60.32600000000001
	8/5/2024 - 11:45:00	1B	YADONG-480V-LV2_3.Feature....	17.25888888888889
	8/5/2024 - 12:00:00	1B	YADONG-480V-LV2_3.Feature....	61.355
	8/5/2024 - 12:45:00	1B	YADONG-480V-LV2_3.Feature....	34.89888888888889
	8/5/2024 - 13:00:00	1B	YADONG-480V-LV2_3.Feature....	89.40944444444444
	8/5/2024 - 13:15:00	1B	YADONG-480V-LV2_3.Feature....	116.5733333333333
	8/5/2024 - 13:30:00	1B	YADONG-480V-LV2_3.Feature....	117.2005555555555



Form 1 Explains

Select Report Duration

Select Report Data type

After selecting duration and data type, all the applicable archives will appear in the box below.

The DateTime section will change to 2 columns if duration "Custom" is selected.

The screenshot shows a software window titled "Archive to CSV Tool" with the ABB logo in the top left. The window contains several interactive elements:

- Report Duration Selection:** A row of four buttons labeled "Daily", "Monthly", "Yearly", and "Custom". A red box highlights this row, with a red arrow pointing from the text "Select Report Duration" to it.
- Report Data Type Selection:** A row of five buttons labeled "Summary", "Average", "Minimum", "Maximum", and "Value". A red box highlights this row, with a red arrow pointing from the text "Select Report Data type" to it.
- DateTime Selection:** A label "DateTime:" followed by a date input field showing "2024/08/07" and a calendar icon. A blue box highlights this section, with a red arrow pointing from the text "The DateTime section will change to 2 columns if duration 'Custom' is selected." to it.
- Archives Section:** A large empty box on the left side of the window, with the heading "Archives" above it. A red arrow points from the text "After selecting duration and data type, all the applicable archives will appear in the box below." to this section.
- Selected Archives Section:** A large empty box on the right side of the window, with the heading "Selected Archives" above it.
- Confirm Selection:** A button located between the "Archives" and "Selected Archives" sections.

Form 1 Explains

Archive to CSV Tool

ABB

Daily Monthly Yearly Custom

Summary Average Minimum Maximum Value

StartTime: 2024/08/05 10:57:06

EndTime: 2024/08/07 10:57:06

Archives

Confirm Selection

Selected Archives

[VAR]11 - EP_Power[Average]

12 - 100_1H

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.CurrentA[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.CurrentB[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.CurrentC[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.kVA[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.TotPF[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.TotVAR[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.TotW[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.VoltageAB[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.VoltageBC[Average]

[VAR]12 - YADONG-22k-100.Feature.SLD.MX.VoltageCA[Average]

[VAR]12 - EP_Power[Average]

13 - 100_1D

[VAR]13 - YADONG-22k-100.Feature.SLD.MX.CurrentA[Average]

[VAR]13 - YADONG-22k-100.Feature.SLD.MX.CurrentB[Average]

12 - YADONG-22k-100.Feature.SLD.MX.kVA[Average]

12 - YADONG-22k-100.Feature.SLD.MX.TotPF[Average]

12 - YADONG-22k-100.Feature.SLD.MX.TotVAR[Average]

12 - YADONG-22k-100.Feature.SLD.MX.TotW[Average]

After selecting archives to print, and click “Confirm Selection”, all the selected archives will appear in the “Selected Archives” box.

Form 1 Explains

Archives

Confirm Selection

☐ [VAR]11 - EP_Power[Average]

☐ 12 - 100_1H

☐ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.CurrentA[Average]

☐ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.CurrentB[Average]

☐ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.CurrentC[Average]

☒ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.kVA[Average]

☒ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.TotPF[Average]

☒ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.TotVAr[Average]

☒ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.TotW[Average]

☐ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.VoltageAB[Average]

☐ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.VoltageBC[Average]

☐ [VAR]12 - YADONG-22k-100.Feature.SLD.MX.VoltageCA[Average]

☐ [VAR]12 - EP_Power[Average]

☐ 13 - 100_1D

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.CurrentA[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.CurrentB[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.CurrentC[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.kVA[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.TotPF[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.TotVAr[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.TotW[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.VoltageAB[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.VoltageBC[Average]

☐ [VAR]13 - YADONG-22k-100.Feature.SLD.MX.VoltageCA[Average]

☐ [VAR]13 - EP_Power[Average]

☐ 14 - 100_1M

☐ [VAR]14 - YADONG-22k-100.Feature.SLD.MX.CurrentA[Average]

☐ [VAR]14 - YADONG-22k-100.Feature.SLD.MX.CurrentB[Average]

☐ [VAR]14 - YADONG-22k-100.Feature.SLD.MX.CurrentC[Average]

☐ [VAR]14 - YADONG-22k-100.Feature.SLD.MX.kVA[Average]

Selected Archives

12 - YADONG-22k-100.Feature.SLD.MX.kVA[Average]

12 - YADONG-22k-100.Feature.SLD.MX.TotPF[Average]

12 - YADONG-22k-100.Feature.SLD.MX.TotVAr[Average]

12 - YADONG-22k-100.Feature.SLD.MX.TotW[Average]

Folder:

Folder

C:\\Temp

File Name:

ReportExport.csv

Preview

Print

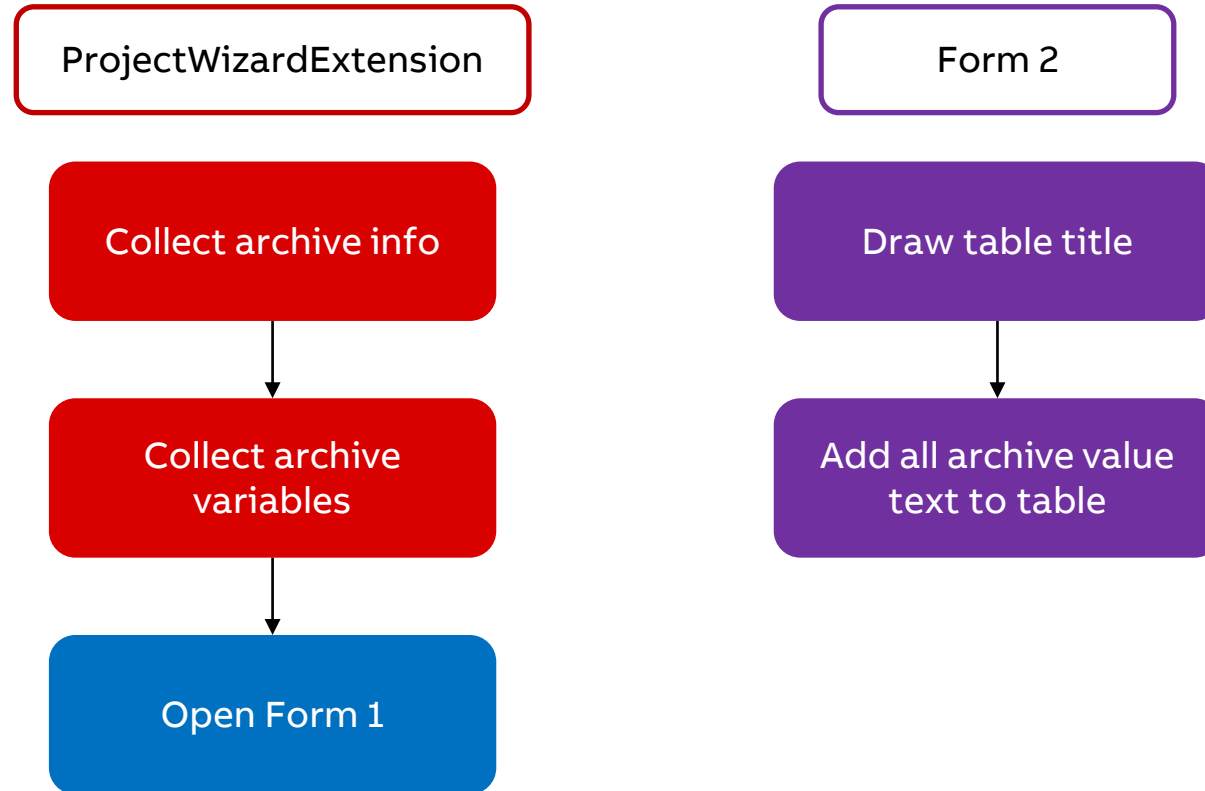
Select the folder for saving printed report csv file

Change the file name of printed file

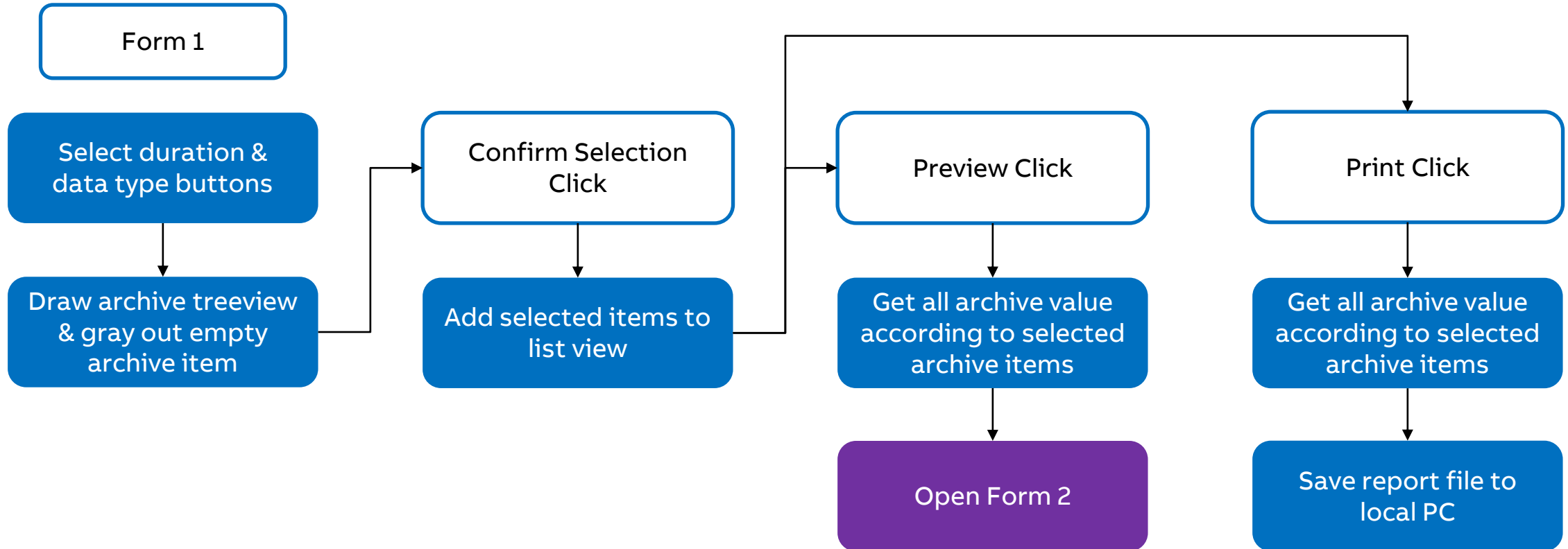
Show all the report content before printing

Print and save the csv file

Project codes explains



Project codes explains



Sub-program list

Form 1

- [Button] button_Daily_Click
- [Button] button_Monthly_Click
- [Button] button_Yearly_Click
- [Button] button_Custom_Click
- [Button] button_Summary_Click
- [Button] button_Average_Click
- [Button] button_Minimum_Click
- [Button] button_Maximum_Click
- [Button] button_Value_Click
- [Button] ConfirmSelection_Click
- [Button] CSV_Folder_Click
- [Button] button_OK_Click
- [Button] Preview_Click
- [Event] ChildNode_check
- [Event] DoubleClicktoCheck
- [Sub] DrawTreeView
- [Sub] GrayEmptySource
- [Sub] AddArchivevariable
- [Sub] FindSource
- [Sub] FindNode
- [Sub] GetNode
- [Sub] CheckAllChildNodes
- [Sub] ArchVarCheckProp
- [Sub] GetAllArchivevalue
- [Sub] CSV_Creation
- [Sub] Int2date
- [Sub] ArchiveFilterTime
- [Sub] ClearListBox

Sub-program list

ProjectWizardExtension

- [Class] Archive_Info_Class
- [Class] Archive_Variables_Class

Form 2

- [Sub] DataTable_Startup
- [Sub] DataTable_AddRow

ABB