

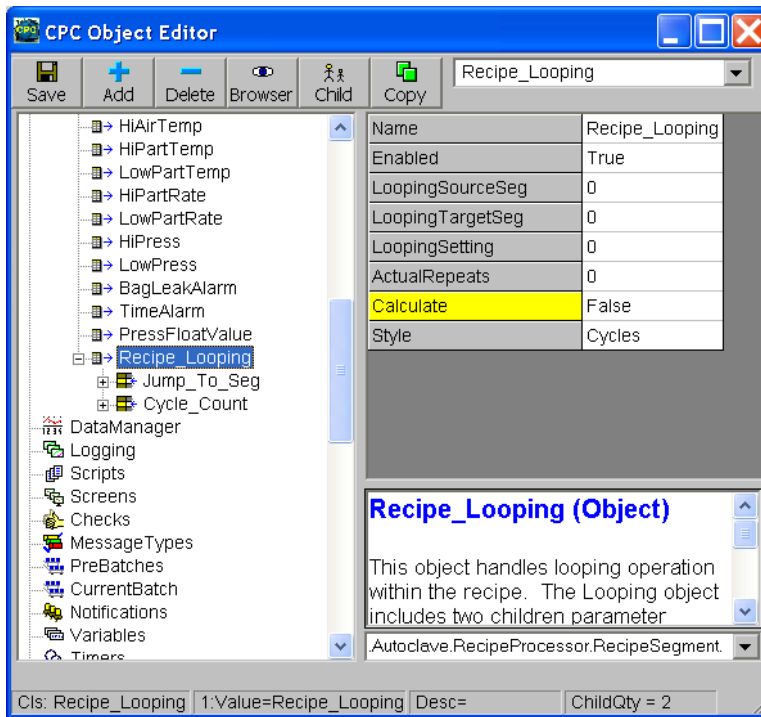
January 8, 2007

Recipe_Loop changes in CPC

The following document describes the modifications to the CPC recipe looping system. The modifications now include Cycling as well as Repeating.

Style property

The Recipe_Looping object now include a Style property. This property can be set for **Cycles** or **Repeats**. If you select **Cycles**, than the recipe count parameter (ie. Num_of_repeats) will signify the total cycles through the looping region. If you select **Repeats**, than the recipe count parameter is used to indicate the number of repeats.



Cycles style

When configuring Cycles style, you'll want to change the name of the parameters to match the cycling operation. In this case, the first parameter should read "Jump_Back_To" and the second parameter should read "Cycle_Count".

Repeats style

When configuring Repeats style, you'll want to change the name of the parameters to match the repeating operation. In this case, the first parameter should read "Loop_Back_To" and the second parameter should read "Num_of_Repeats".

Cycling messages

With Cycling operations, the run messages have changed. See example below for a run that had 5 cycles programmed. The system now displays a message for each completed cycle as well as a final message indicating completion of the cycles.

All

Autoclave

All

System

Alarm

UnAcknowledged

Active

All Messages For All Equipment

Type	Date	Time	Equipment	Part	Tag	Message	Val	Crit	Set	Active	Ack	Ack By
System	1/8	17:35:46	Autoclave			Start of Run by AUTOUSER				0:00:00	0:00:00	Server
System	1/8	17:35:46	Autoclave			Recipe Name: Recipes\Test1				0:00:00	0:00:00	Server
System	1/8	17:35:46	Autoclave			Recipe Description:				0:00:00	0:00:00	Server
System	1/8	17:35:46	Autoclave			Recipe Specification:				0:00:00	0:00:00	Server
System	1/8	17:35:46	Autoclave			Recipe Revision:				0:00:00	0:00:00	Server
System	1/8	17:35:46	Autoclave			Recipe Audit Track: N/A				0:00:00	0:00:00	Server
System	1/8	17:35:46	Autoclave			Recipe Mod: 1/8/2007 5:30:11 PM				0:00:00	0:00:00	Server
System	1/8	17:35:46	Autoclave			Segment changed from 0 to 1				0:00:00	0:00:00	Server
System	1/8	17:35:56	Autoclave			Segment changed from 1 to 2				0:00:00	0:00:00	Server
System	1/8	17:35:56	Autoclave			Cycle #1 of 5 complete.				0:00:00	0:00:00	Server
System	1/8	17:35:56	Autoclave			Segment changed from 2 to 1				0:00:00	0:00:00	Server
Alarm	1/8	17:36:01	Autoclave		Value	Autoclave Door is Not Locked	0.0	=	OFF	0:00:43	0:00:04	AUTOUSER
System	1/8	17:36:06	Autoclave			Segment changed from 1 to 2				0:00:00	0:00:00	Server
System	1/8	17:36:07	Autoclave			Cycle #2 of 5 complete.				0:00:00	0:00:00	Server
System	1/8	17:36:07	Autoclave			Segment changed from 2 to 1				0:00:00	0:00:00	Server
System	1/8	17:36:17	Autoclave			Segment changed from 1 to 2				0:00:00	0:00:00	Server
System	1/8	17:36:17	Autoclave			Cycle #3 of 5 complete.				0:00:00	0:00:00	Server
System	1/8	17:36:17	Autoclave			Segment changed from 2 to 1				0:00:00	0:00:00	Server
System	1/8	17:36:27	Autoclave			Segment changed from 1 to 2				0:00:00	0:00:00	Server
System	1/8	17:36:27	Autoclave			Cycle #4 of 5 complete.				0:00:00	0:00:00	Server
System	1/8	17:36:27	Autoclave			Segment changed from 2 to 1				0:00:00	0:00:00	Server
System	1/8	17:36:37	Autoclave			Segment changed from 1 to 2				0:00:00	0:00:00	Server
System	1/8	17:36:37	Autoclave			Cycle #5 of 5 complete.				0:00:00	0:00:00	Server
System	1/8	17:36:37	Autoclave			Cycling complete. Total cycles = 5				0:00:00	0:00:00	Server
System	1/8	17:36:37	Autoclave			Segment changed from 2 to 3				0:00:00	0:00:00	Server
System	1/8	17:36:37	Autoclave			Run Ends				0:00:00	0:00:00	Server
System	1/8	17:36:44	Autoclave			Door Lock Alarm Reset				0:00:00	0:00:00	Server

Acknowledge All

Add Message

P 2

ClientPC: MASONLAPTOP | ServerPC: MASONLAPTOP | User: AUTOUSER | 5:38:27 PM 1/8/2007

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