

File Format of Cyclic.dat

SUMMARY: DOCUMENT PERTAINING TO THE FORMAT OF CYCLIC
FUNCTIONS.

UPDATES

Version	Authors	Actions	Revision	Date	Distribution
1.0	JCW	Creation		30/05/2008	
2.0	JCW	Edits		23/05/2011	
3.0	JCW	Update		01/09/2011	
4.0	JCW	Update		30/03/2017	
4.1	FMA	Update		18/12/2018	

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Format in cyclic.dat file

The cyclic action configuration file "CYCLIC.DAT" is saved in the subfolder C - Ctemp - Ctemp\Bak of the project folder.

Version 8.2 and later

No	Description	T	Size (bytes)	Value
1	Entry type header	C	10	CYCLICPROG
2	Entry name	C	40	
3	Entry description	C	80 255 since version 12.0	
4	Object origin 0 = local Not 0 = 3 rd party objects	N	2	
5	Object version number	N	2	
6	Server list name	C	40	
7	Client list name	C	40	
8	Enable flag = 1 enabled, 0 disabled	C	1	
9	Enabling Bit - The name of a database bit which, if specified, must have a value of 1 to enable the action.	C	40 256 since version 10.0	
10	Period or delay in seconds - The period at which to repeat the action.	N	4	The maximum delay is 4294967s or about 49 days.

11	Program - The name of the SCADA BASIC program which contains the function to execute.	C	12	
12	Branch - The database branch to be used by the function. (Optional.)	C	30 256 since version 10.0	
13	Function - The function to be executed.	C	30	
14	Arguments - A list of arguments for the function. These may be retrieved using the GETARG instruction.	C	255	
15	Scope	N	1	0: Shared 1: SessionContext 2: ClientContext 3: LocalStation

Version earlier than 8.2

No	Description	T	Size (bytes)	Value
1	Period or delay in seconds - The period at which to repeat the action.	N	4	The maximum delay is 4294967s or about 49 days.
2	Program - The name of the SCADA BASIC program which contains the function to execute.	C	12	
3	Branch - The database branch to be used by the function. (Optional.)	C	30	
4	Function - The function to be executed.	C	30	
5	Arguments - A list of arguments for the function. These may be retrieved using the GETARG instruction.	C	255	
6	Enable flag = 1 enabled, 0 disabled	C	1	
7	Enabling Bit - The name of a database bit which, if specified, must have a value of 1 to enable the action.	C	40	
8	Reserved for server			
9	Reserved for client			
10	Object origin 0 = local Not 0 = 3 rd party objects	N	2	
11	Object version number	N	2	
12	Description	C	80	