

KB Name	Taglist Parameters in config.txt & var_list.txt Files		
Type	Configuration		
Since revision	NA		
KB Number	KB-0053-0	Build	70
Mod date	06/02/14		

Knowledge Base Information

The *var_list.txt/csv* files contain the tag list part of the config.txt file. The information included is exactly the same.

The following tables describe the fields contained in the files. For each field, the position on the Tag setup web pages is identified by a number in the **Nbr** column. (see snapshots following the tables).

Note: In both tables, the fields are listed in the order they appear in the *.txt files. This order differs from the order on the interface. Therefore, the numbering on the snapshots are not sequential.

2. List of Parameters (from Create New Tag)

After this table, a snapshot allows to locate those parameters that appear on the eWON web interface.

Nbr	Field name	Description	Default Value	Acceptable Values
NA	:	Separator	NA	NA
NA	:TagList	File structure	NA	NA
1	Id	Tag#, defined internally by the eWON	NA	Integer, first tag is 1, numbers of deleted tags are not re-used
2	Name	Tag name	[empty]	Text
3	Description	Tag description	[empty]	Text
4	ServerName	Name of the server which delivers the tag value	[empty]	One of the servers available in the eWON. Examples: EWON, MEM, DF1, etc..
5	TopicName	Name of the topic the tag is part of	[empty]	A, B or C
6	Address	Address in the IO server	TagName	Register associated with the IO server. Example: F8:9
7	Coef	Coefficient by which the IO server delivered value is multiplied	1.000000	Float
8	Offset	Offset added to the IO server delivered value	0.000000	Float
9	LogEnabled	Historical Logging enable	0	0 Disabled 1 Enabled
10	AlEnabled	Alarm enabled	0	0 Disabled 1 Enabled
11	Type	Type of variable	0	0 Boolean 1 Floating Point 2 Integer 3 DWord

KB Name	Taglist Parameters in config.txt & var_list.txt Files		
Type	Configuration		
Since revision	NA		
KB Number	KB-0053-0	Build	70
Mod date	06/02/14		

Knowledge Base Information

Nbr	Field name	Description	Default Value	Acceptable Values
12	AlBool	Alarm level (for Boolean tags)	0	0 Alarm on 0
				1 Alarm on 1
13	MemTag	Is tag a memory tag ?	0	0 FALSE
				1 TRUE
14	MbsTcpEnabled	Publish tag in Modbus TCP	0	0 FALSE
				1 TRUE
15	MbsTcpFloat	Publish tag in Modbus TCP 32 Bit format (would the value come from two consecutive registers)	0	0 Disabled
				1 Enabled
16	SnmpEnabled	SNMP tag accessibility	0	0 Disabled
				1 Enabled
17	RTLogEnabled	Real-time logging enabled	0	0 FALSE
				1 TRUE
18	AlAutoAck	Alarm auto acknowledgment	0	0 Disabled
				1 Enabled
19	ForceRO	Force tag read-only	0	0 Disabled
				1 Enabled
20	SnmpOID	SNMP tag publication ID	1	TBD
20b	AutoType	Automatic detection of variable type	0	0 Disabled
				1 Enabled
21	AlHint	Alarm hint	[empty]	Text
22	AlHigh	Alarm level high	0	Floating point
23	AlLow	Alarm level low	0	Floating point
24	AlTimeDB	Alarm Delay (time deadband)	0	Integer (seconds)
25	AlLevelDB	Alarm Value deadband	0	Floating point
26	IVGroupA to D	Instant Value Group A to D (allows to filter extractions)	[not selected]	0 FALSE
				1 TRUE
27	Pageld	Index of the user page the tag is part of	1	1 to 10
28	RTLogWindow	Time span (period logged for real-time logging)	600	Integer [seconds]
29	RTLogTimer	Real-time logging interval (in seconds)	10	Integer [seconds]
30	LogDB	Historical logging deadband (do not log if value change is less than ...)	-1	-1 Disabled
				Floating point
31	LogTimer	Historical logging interval (in seconds) (value stored cyclically)	0	0 Not stored cyclically
				Integer [seconds]
32	AlLoLo	Alarm Level LowLow	[empty]	Floating point

KB Name	Taglist Parameters in config.txt & var_list.txt Files		
Type	Configuration		
Since revision	NA		
KB Number	KB-0053-0	Build	70
Mod date	06/02/14		

Knowledge Base Information

Nbr	Field name	Description	Default Value	Acceptable Values
33	AlHiHi	Alarm Level HighHigh	[empty]	Floating point
34	MbsTcpRegister	Register by which the tag is published in Modbus TCP	1	Integer
35	MbsTcpCoef	Coefficient by which the tag value is multiplied before being published to Modbus TCP	1	Floating point
36	MbsTcpOffset	Offset added to the tag value before ... (see 32)	0	Floating point

KB Name	Taglist Parameters in config.txt & var_list.txt Files		
Type	Configuration		
Since revision	NA		
KB Number	KB-0053-0	Build	70
Mod date	06/02/14		

Knowledge Base Information

Identification

Tag Name: (2) Page: (27)

Tag Description: (3)

I/O Server Setup

Server Name: (13) Topic Name: (5)

Address: (6) Type: (11) Force Read Only: (19)

eWON value = IO Server Value * (7) + (8)

Tag Visibility

Global settings

Published value: (35) + (36) REMARK: Value published is unsigned 16Bits for ModbusTCP and signed 32 bits for SNMP

Modbus TCP (14) Enabled

Register: (34) (15) Use 32-bit format (not available for booleans)

SNMP (16) Enabled

OID: (20) Value published: .1.3.6.1.4.1.8284.2.1.3.1.11.1.4:OID (Max value 32767)

Instant Value

Group A Group B Group C Group D (26)

Alarm Setup (10) Alarm Enabled

Alarm Level Low: (23) Alarm Level High: (22) Value Deadband: (25)

Alarm Level **LowLow**: (32) Alarm Level **HighHigh**: (33) Leave empty HiHi if unused and LoLo if unused

Boolean Alarm Level: (12)

Activation Delay: (24) sec Auto acknowledge: (Auto ACK on RTN) (18)

Alarm Hint: (21)

Historical Logging (9) Historical Logging Enabled

Logging Deadband: (30) (put a negative value to disable deadband logging)

Logging Interval: (31) Seconds (set to 0 will enable only Deadband logging)

Real Time Logging (17) Real Time Logging Enabled

Time Span: (28) Seconds

Logging Interval: (29) Seconds

Then Edit Notification

KB Name	Taglist Parameters in config.txt & var_list.txt Files		
Type	Configuration		
Since revision	NA		
KB Number	KB-0053-0	Build	70
Mod date	06/02/14		

Knowledge Base Information

3. List of Parameters (from Alarm Notification)

After this table, a snapshot allows to locate those parameters that appear on the eWON web interface.

Nbr	Field name	Description	Default Value	Acceptable Values
1	EEN	Email notification alarm	None	ECALM on ALM
				ECACK on ACK
				ECRTN on RTN
				ECEND on END
2	ETO	Email TO field (recipient(s) address(es))	[empty]	usr1@dom.ci
3	ECC	Email carbon copy (CC address(es))	[empty]	usr2@dom.ci
4	ESU	Email subject	[empty]	Text
5	EAT	Email attachment	[empty]	Text and/or export block descriptor syntax. More details on http://wiki.ewon.biz
6	ESH	Format as short message	0	0 FALSE
				1 TRUE
7	SEN	SMS notification type	None	SCALM on ALM
				SCAC on ACK
				SCRRTN on RTN
				SCEND on END
8	STO	SMS Destination (Recipient dial number) - example: 0456334433,gsm,0	[empty]	Dial number [text]
9	SSU	SMS content (subject)	[empty]	Text
10	TEN	SNMP trap notification type	None	TCALM on ALM
				TCACK on ACK
				TCRTN on RTN
				TCEND on END
11	TSU	SNMP trap subject	[empty]	Text
12	FEN	FTP notification type	None	FCALM on ALM
				FCACK on ACK
				FCRTN on RTN
				FCEND on END
13	FFN	FTP destination file name	[empty]	Text
14	FCO	FTP file content	[empty]	Text or EBD

KB Name	Taglist Parameters in config.txt & var_list.txt Files		
Type	Configuration		
Since revision	NA		
KB Number	KB-0053-0	Build	70
Mod date	06/02/14		

Knowledge Base Information

Nbr	Field name	Description	Default Value	Acceptable Values	
*	AlStat	Alarm Status	0	0	No alarm
				1	Pretrigger
				2	ALM
				3	ACK
				4	RTN
				5	END
**	ChangeTime	Last time the tag value has changed	[empty]	Date/time	
***	TagValue	Current tag value	0	Depending on variable type	
*	Tag Quality	Current tag quality	NA	16-Bit value (OPC Based) More details on http://wiki.ewon.biz	
*	AlType	Alarm type (level)	NA	0	no alarm
				1	warning level HIGH
				2	warning level LOW
				3	Boolean alarm level
				4	alarm level HIGHHIGH
				5	alarm level LOWLOW

- * This information is published on the Alarm summary page
- ** This information isn't published
- *** This information is published on the View IO page

Note: Many values are 0 or 1. Due to type conversion inside the eWON, a 1 may appear as -1. Hence, when parsed by the eWON, -1 and 1 mean the same.

KB Name	Taglist Parameters in config.txt & var_list.txt Files		
Type	Configuration		
Since revision	NA		
KB Number	KB-0053-0	Build	70
Mod date	06/02/14		

Knowledge Base Information

Alarm Notification for tag:

EMail upon ALM ACK RTN END

Short Message: Format as short message

Email to: ex: usr1@dom.ci,usr2@dom.ci

Email CC:

Email Subject:

Email Attachment(s): ex: &[&dt&EV]

SMS upon ALM ACK RTN END

SMS Destination: ex: 0456334433,gsm,0;045645123,gsm,0

SMS Subject:

Put FTP upon ALM ACK RTN END

Destination File Name:

File Content:

SNMP Trap upon ALM ACK RTN END

Trap Subject: