File Format of Event.dat

SUMMARY: DOCUMENT PERTAINING TO THE FORMAT OF EVENT
ON VARIABLE TO TRIGGERED PROGRAM OR E-MAIL.

UPDATES

Version	Author	Actions	Revision	Date	Distribution
1.0	DL	Created		12/01/2007	
1.1	JCW	Updated the length for all descriptions from 80 to 255		30/03/2017	

Format in event.dat file

The events is save in event.dat file

Event for triggering a program

For version 810 and later

N	Description	T	Size (byte)
1	Entry type header = EVTPROG	C	7
2	Name = Identifier	C	255
3	Description	C	80 255 from version 12.0 on
4	Object origin 0 = local Not 0 = 3rd party objects	N	2
5	Objet version number	N	2
6	Server list name	C	40
7	Reserved		
8	Variable name	C	256
9	Triggering condition 0 = on transition to 0 1 = on transition to 1 2 = on expression	N	2
10	Enable flag = 1 enable, 0 disable	C	1
11	Enable bit variable name = 1 enable, 0 disable	C	40
12	Triggering expression only if triggering condition = 2	C	255
13	Program	C	80
14	Branch	C	255
15	Function	C	30
16	Arguments (with quotation marks)	C	255

Before version 810

N	Description	T	Size (byte)
1	Variable name	C	40
2	Triggering condition 0 = on transition to 0 1 = on transition to 1 2 = on expression	N	1
3	Program name	C	12
4	Branch name	C	30
5	Function	C	30
6	Arguments (with quotation marks)	C	255
7	Enable flag = 1 enable, 0 disable	C	1
8	Enable bit variable name = 1 enable, 0 disable	C	40
9	Triggering expression only if triggering condition=2	C	240
10	Server list (not implemented)	C	40
11	Client list (not implemented)	C	40
12	Object origin 0 = local Not 0 = 3rd party objects	N	2
13	Version number	N	2
14	Description	C	80

An event triggering an e-mail

N	Description	T	Size (byte)	Value
1	Entry type header = EVTEMAIL	C	8	
2	Name = Identifier	C	256	
3	Description	C	80 255 from version 12 on	
4	Object origin 0 = local Not 0 = 3rd party objects	N	2	
5	Objet version number	N	2	
6	Server list name	C	40	
7	Reserved	C	40	
8	Variable name	C	40	
9	Triggering condition 0 = on transition to 0 1 = on transition to 1 2 = on expression	N	2	
10	Enable flag = 1 enable, 0 disable	C	1	
11	Enable bit variable name = 1 enable, 0 disable	C	255	
12	Triggering expression only if triggering condition=2	C	255	
13	Email template name	C	40	If empty no template is used. The fields 14 to 23 must be entered.
14	Profile name	C	40	(1)
15	Recipients	C	1024	(1)
16	Copy recipients	C	1024	(1)
17	Blind copy recipients	C	1024	(1)
18	Subject	C	1024	(1)
19	{f}Body{/f}	C	10240	(1)(2)
20	Body format	N	2	(1)

21	Priority	N	2	(1)
22	Message encoding	N	2	(1)
23	File attachments	C	1024	(1)

Note (1)
If the behavior value of a property for an email template is
0 and 2: read only from email event property
1: read-only from an email template (Transparent property)

Note (2)
{f} Is a marker for the beginning of the field
{/f} Is a marker for the end of the field

Substitutions

For recipients, copy recipients and blind copy recipients fields and file attachments, these substitutions are available: #@A3 to #@A16, #@*A3 to #@*A16

For Subject and body fields, these substitutions are available:

Format	Description	
#Y	Year	2 digits
#y	Year	4 digits
#M	Month	2 digits (1 - 12)
#D	Day	2 digits (1 - 31)
#h	Hour	2 digits (0 - 23)
#m	Minutes	2 digits (0 to 59)
#s	Seconds	2 digits (0 to 59)
#l	Milliseconds	3 digits (0 to 999)
#C	Threshold value	According to variable configuration
#A	Alarm level	2 digits (0 - 29)
#S	Station number	2 digits
#N	User name	Up to 12 characters
#T	The variable's description	Up to 40 characters
#t	The variable's name	Up to 40 characters
#d	Domain	Up to 12 characters

#n	Nature	Up to 12 characters
#@A3 #@A16	Extended text attributes	Up to 40 characters
#@*A3 to #@*A16	Deferred extended text attributes	