File Format of
Key.dat

UPDATES

Version	Authors	Actions	Revision	Date	Distribution
1.0	OZ	Coding		13/09/1994	
1.1	DL & BL	Documentation in French		02/07/2002	
2.0	JCW	Re-Creation in English & Renovation coding		28/02/2009	
2.1	JCW	Edits		04/05/2011	
3.0	JCW	Update the length limit to 255		16/08/2017	

CONTENTS

Location of the configuration file

The function key action configuration file "KEY.DAT" is saved in the subfolder C – Ctemp – Ctemp\Bak of the project folder.

Function key code number for triggering an action

Key code	Description
1	F1 (Shift type D - not available)
2	F2
3	F3
4	F4
5	F5
6	F6
7	F7
8	F8
9	F9
10	F10 (Shift type D - not available)
11	F11
12	F12
13	F13
14	F14
15	F15
16	F16
17	BackSpace
18	Reserved for Tab
19	Reserved for Enter
20	Reserved for Shift
21	Reserved for Control

22	Reserved for Alt
23	Reserved for Pause
24	Esc
25	Reserved for Space
26	PageUp
27	PageDown
28	End
29	Home
30	ArrowLeft
31	ArrowUp
32	ArrowRight
33	ArrowDown
34	Reserved for Print
35	Insert
36	Delete
37	Reserved for NumLock

Function key code number for the standard actions

Key code	Description
1	On line help
2	Operation menu (logon and logoff)
3	Administration menu (user rights configuration)
4	About window

5	Reserved
6	Display menu bar
7	Display event viewer
8	Hide menu
9	SCADA Basic Program management
10	Exit from the Supervisor
11	Refresh screen
12	Report Replay Toolbox
19	Command zone
21	Next window
22	Previous window
23	Next zone
24	Previous zone
25	First zone
26	Last zone
121	Variable selector

The format in the configuration file

No	Description	T	Size (bytes)	Value
1	Action type	N	2	1 = Send animation 2 = Standard action 4 = Function to execute
2	Key modifier DOWN (Key pressed or UP/Key released) SHIFT + CTRL + (Control key) The key combination	C	4	"" or "U" = UP "D" = DOWN "S" = SHIFT "C" = CTRL The combination of the above cases
3	Function key code number for triggering an action	N	2	See the section (1)
4	If Action type = 2, Function key code number for the standard action. If not, Nonsense.	N	2	See the section (2)
5	If Action type=1, Window – The name of the mimic window which contains the animation. If Action type=4, Program - The name of the SCADA BASIC program which contains the function to execute.	C	12	

6	Branch - The database branch to be used. (Optional.)	C	255	
7	If Action type=1, Identifier - The identifier of the animation which is to operate. If Action type=4, Function - The function to be executed.	C	30	
8	If Action type=4, Arguments - A list of arguments for the function. These may be retrieved using the GETARG instruction. If not, Nonsense.	C	255	
9	Enabling flag	N	2	0 =Disabled Nonzero = Enabled
10	Enabling Bit - The name of a database bit which, if specified, must have a value of 1 to enable the action.	C	256	
11	Reserved			
12	Reserved			
13	Object origin	N	2	0 = local Nonzero = 3rd party objects
14	Object version number	N	2	
15	Description	C	255	

Importing the function key actions file from the C1 folder

The function key actions can be imported from a file in the "C1" subfolder under the project. The file name should be written in the "INCLUDE.DAT" file in the "C1" folder. The object origins of the imported actions will be automatically set to -1 and saved in the "KEY.DAT" file in the "CTEMP" folder.