

BNCS Utilities

Atos IT Solutions and Services



B Command

Contents

B Command	1
Contents	2
1 Introduction	3
2 Description	3
3 Using Variables	3
4 Document Version Control.....	5

1 Introduction

This application has been written to replace the traditional aCommand as used in v2 or v3 systems, with improvements to allow saving of settings, a built-in timer and the ability to show revertives.

2 Description

There are two sections for entering commands; each of these is a separate entity that behaves in the same way. Only commands for the network can be used, for instance InfoWrite, but not TextPut. Pressing 'go' will send the command to the network, pressing 'Go All' will send all commands that are ticked in that section to the network.

The timer can be set to run for any period up to 100,000mS (100 seconds!), this will then trigger 'Go All' on alternating command sections.

The registration section allows the user to register with devices and see the changes in state for these devices. A record of the current registrations is kept in the list-box; this is useful when re-loading a setting. Adding a registration can be set to over write the current registration by clearing the 'Add to Registration' tick-box. It should be noted that the registration section is entirely separate from the command sections, so issuing a registration command from here will not affect the registration section.

3 Using Variables

Variables can be used, these must be in the format **\$name\$** for strings and **%name%** for numerical values. String variables can be assigned values, while numerical values can perform simple functions.

Operation	Description	Example
=	Assigns a value to the variable	%count%=10, \$Name\$ =Fred
+	Add two values	%count%=%value% + 10
-	Subtracts two values	%count%=%value% - 10
+=	Adds to the variable	%count% += 10
-=	Subtracts from the variable	%count%-=10
++	Adds 1 to the variable	%count%++
--	Subtracts 1 from the variable	%count%--
*	Multiplies two values	%count% = %value% * 10/
/	Divides two values, result is integer	%count% = %value% / 10

Any variables used in a network message get replaced as text, for example if we have %Count% as 10 and \$Name\$ as Fred: -

IW 123 '\$Name\$' 12 becomes **IW 123 'Fred' 12**

IW 123 %Count% 12 becomes **IW 123 10 12**

IW 123 '\$Name\$' %Count% becomes **IW 123 'Fred' 10**

Note that when you assign a string it will include everything after '=', including any spaces, if there are two spaces together some network commands may fail!

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4 Document Version Control

Version	Date	Author	Comments
1.00.00	25.2.2004		Original Release
1.02.00	17.5.2004		Can use up/down arrow to traverse commands
			Can copy all settings from column A to B
1.03.00	19.5.2004		Added variables
1.04.00	1..7.2004		Added RM ability
4.5.1.0	3.9.2006		Added the N series commands
4.5.1.1	18.11.08	David Yates	Removes N series commands. Now shuts down with CSI
4.5.1.2	15.04.09	Pete Lasko	Uses CC_ROOT and CC_SYSTEM when opening a bcommand script Warns of CSI not present
4.5.1.3	15.04.09	Pete Lasko	Added more command lines and a comment field with (save/load/clear)
4.5.1.5	21.04.09	Pete Lasko	Prompt user to save modified scripts
	19.12.2011	Andrew Prince	Updated template