2- Environment Configuration Commands

2.1 Environment Configuration Command Tree

Description

This chapter gives an overview of nodes that are handled by "Environment Configuration Commands".

Command Tree

----environment
- [no] prompt
- [no] terminal-timeout
- [no] print
- [no] screen-length
- [no] inhibit-alarms
- [no] mode

2.2 Environment Configuration Command

Command Description

This command allows the operator to manage the session-specific parameters. These parameters are only valid for a specific session and are lost when the user logs out.

*The default values for **prompt** and **print** can be found in **configure system security operator** operator-name.*

*The default value for **terminal-timeout** can be found in **configure system security profile** profile-name.*

terminal-timeout: A value of 0 equals an infinite timeout value (i.e. the terminal will never time out).

The prompt can be composed with following components :
- *%n : the name of the current operator.*
- *%s : the current numbering scheme (**typ**/**leg**/**pos**).*
- *%i : the current system id.*
- *%t : the current system time.*
- *%! : the current history number.*
- *% num d : the current context.*
  - *num is the maximum number of components (starting from the last) that are shown (default is all).*
  - *each component will be separated from the next one with a >.*
  - *a > is also added in front of the first component.*

- *%% : a %*
- *%c : # if the current node was an existing node or $ if it is newly created.*
- *%h : the current system id.*
- *any other character is just added to the prompt as is.*

Next to %, ISAM supports the use of the $ as an escape character. The system behavior is the same as when using the % escape character, e.g. an occurrence of $n is replaced with the name of the current operator. For backward compatibility, the $ character must be used exclusively without the % character. As soon as the % character is used in the string, all occurrences of the $ character will be considered as a literal and will not be replaced with the component it refers to.

User Level

The command can be accessed by operators with all privileges, and executed by operators with all privileges.

Command Syntax

The command has the following syntax:

> environment [no prompt | prompt <Sec::Prompt>] [no terminal-timeout | terminal-timeout <Sec::EnvInactivityTimeout>] [no print | print <Sec::EnvMore>] [no screen-length | screen-length <Sec::ScreenLength>] [[no] inhibit-alarms] [no mode | mode <Cli::Mode>]

Command Parameters

Table 2.2-2 "Environment Configuration Command" Command Parameters

Parameter	Type	Description
[no] prompt	Parameter type: <Sec::Prompt>	*optional parameter with default*

Parameter	Type	Description
	Format: - a specification of the prompt - length: x<=31	*value: ""* the specification of the prompt
[no] terminal-timeout	Parameter type: <Sec::EnvInactivityTimeout> Format: (default | timeout : <Sec::InactivityTimeout>) Possible values: - default : the default inactivity timeout - timeout : specify the inactivity timeout Field type <Sec::InactivityTimeout> - specify the inactivity timeout of the terminal - unit: minutes - range: [0...120]	*optional parameter with default value: "timeout : 30"* specify the inactivity timeout of the terminal
[no] print	Parameter type: <Sec::EnvMore> Format: (more | no-more | default) Possible values: - more : the output is passed via the more filter - no-more : the output is put directly on the terminal - default : use the method as specified by the profile	*optional parameter with default value: "default"* specifies the way the output is printed on the terminal
[no] screen-length	Parameter type: <Sec::ScreenLength> Format: - specifies the number of lines to be printed on the terminal for paging. value 0 disables the configuration - range: [0,2...10000]	*optional parameter with default value: "0"* specifies the number of lines to be printed on the terminal for paging
[no] inhibit-alarms	Parameter type: boolean	*optional parameter* disables the alarm reporting in the current session
[no] mode	Parameter type: <Cli::Mode> Format: (batch | interactive) Possible values: - batch : non-interactive mode intended for scripting tools - interactive : interactive mode intended for human operators	*optional parameter with default value: "interactive"* the mode in which the CLI handles command input