14. Hll class (version 1.4.0)

Introduction

The Hll class gives the script engine access to Hll terminal emulators. When a hll pattern matches the emulator screen, a hll object of class Hll will be crated and can be used by the action script.

Attributes

sessionId	string	Full URL of the document.
sessionName	string	Contains the domain of the page.
columns	int	Numer of columns.
rows	int	Number of rows.

Methods

getCursorLocation	returns object with row and column attributes	Gets the cursor location.
setCursorLocation	row: integer column: integer	Changes cursor location.
getContent	returns String	Gets the terminal emulator screen content.
sendText	text: string	Send text to host.
sendKeys	keys:string	Send text, possibly containing escape sequences.

Escape sequence

The following escape sequence are defined:

Mnemonic	Meaning	3270	5250	VT
@B	Left Tab	Yes	Yes	No
@C	Clear	Yes	Yes	No
@D	Delete	Yes	Yes	No
@E	Enter	Yes	Yes	No
@F	Erase EOF	Yes	Yes	No
@H	Help	No	Yes	No
@I	Insert	Yes	Yes	No
@J	Jump (Set Focus)	Yes	Yes	No
@L	Cursor Left	Yes	Yes	Yes
@N	New Line	Yes	Yes	Yes
@O	Space	Yes	Yes	Yes
@P	Print	Yes	Yes	Yes
@R	Reset	Yes	Yes	No
@T	Right Tab	Yes	Yes	Yes
@U	Cursor Up	Yes	Yes	Yes
@V	Cursor Down	Yes	Yes	Yes
@X*	DBCS (Reserved)	Yes	Yes	No
@Z	Cursor Right	Yes	Yes	Yes
@0	Home	Yes	Yes	No
@1	PF1/F1	Yes	Yes	No
@2	PF2/F2	Yes	Yes	No
@3	PF3/F3	Yes	Yes	No
@4	PF4/F4	Yes	Yes	No
@5	PF5/F5	Yes	Yes	No
@6	PF6/F6	Yes	Yes	Yes
@7	PF7/F7	Yes	Yes	Yes
@8	PF8/F8	Yes	Yes	Yes
@9	PF9/F9	Yes	Yes	Yes
@a	PF10/F10	Yes	Yes	Yes
@b	PF11/F11	Yes	Yes	Yes

Mnemonic	Meaning	3270	5250	VT
@c	PF12/F12	Yes	Yes	Yes
@d	PF13	Yes	Yes	Yes
@e	PF14	Yes	Yes	Yes
@f	PF15	Yes	Yes	Yes
@g	PF16	Yes	Yes	Yes
@h	PF17	Yes	Yes	Yes
@i	PF18	Yes	Yes	Yes
@j	PF19	Yes	Yes	Yes
@k	PF20	Yes	Yes	Yes
@l	PF21	Yes	Yes	No
@m	PF22	Yes	Yes	No
@n	PF23	Yes	Yes	No
@o	PF24	Yes	Yes	No
@q	End	Yes	Yes	No
@u	Page Up	No	Yes	No
@v	Page Down	No	Yes	No
@x	PA1	Yes	Yes	No
@y	PA2	Yes	Yes	No
@z	PA3	Yes	Yes	No
@A@C	Test	No	Yes	No
@A@D	Word Delete	Yes	Yes	No
@A@E	Field Exit	Yes	Yes	No
@A@F	Erase Input	Yes	Yes	No
@A@H	System Request	Yes	Yes	No
@A@I	Insert Toggle	Yes	Yes	No
@A@J	Cursor Select	Yes	Yes	No
@A@L	Cursor Left Fast	Yes	Yes	No
@A@Q	Attention	Yes	Yes	No
@A@R	Device Cancel (Cancels Print Presentation Space)	Yes	Yes	No
@A@T	Print Presentation Space	Yes	Yes	Yes

Mnemonic	Meaning	3270	5250	VT
@A@U	Cursor Up Fast	Yes	Yes	No
@A@V	Cursor Down Fast	Yes	Yes	No
@A@Z	Cursor Right Fast	Yes	Yes	No
@A@9	Reverse Video	Yes	Yes	No
@A@b	Underscore	Yes	No	No
@A@c	Reset Reverse Video	Yes	No	No
@A@d	Red	Yes	No	No
@A@e	Pink	Yes	No	No
@A@f	Green	Yes	No	No
@A@g	Yellow	Yes	No	No
@A@h	Blue	Yes	No	No
@A@i	Turquoise	Yes	No	No
@A@j	White	Yes	No	No
@A@l	Reset Host Colors	Yes	No	No
@A@t	Print (Personal Computer)	Yes	Yes	No
@A@y	Forward Word Tab	Yes	Yes	No
@A@z	Backward Word Tab	Yes	Yes	No
@A@-	Field -	No	Yes	No
@A@+	Field +	No	Yes	No
@A@<	Record Backspace	No	Yes	No
@S@E	Print Presentation Space on Host	No	Yes	No
@S@x	Dup	Yes	Yes	No
@S@y	Field Mark	Yes	Yes	No
@W@C	Edit Copy	Yes	Yes	Yes
@W@D	Edit Clear	Yes	Yes	Yes
@W@E	Edit Copy Append	Yes	Yes	Yes
@W@L	Edit Copy Link	Yes	Yes	Yes
@W@N	Edit Paste Next	Yes	Yes	Yes
@W@V	Edit Paste	Yes	Yes	Yes
@W@X	Edit Cut	Yes	Yes	Yes

Mnemonic	Meaning	3270	5250	VT
@W@Z	Edit Undo	Yes	Yes	Yes
@X@1	Display SO/SI	Yes	Yes	No
@X@5	Generate SO/SI	No	Yes	No
@X@6	Display Attribute	No	Yes	No
@X@7	Forward Character	No	Yes	No
@X@c	Split Vertical Bar	No	Yes	No
@M@0	VT Numeric Pad 0	No	No	Yes
@M@1	VT Numeric Pad 1	No	No	Yes
@M@2	VT Numeric Pad 2	No	No	Yes
@M@3	VT Numeric Pad 3	No	No	Yes
@M@4	VT Numeric Pad 4	No	No	Yes
@M@5	VT Numeric Pad 5	No	No	Yes
@M@6	VT Numeric Pad 6	No	No	Yes
@M@7	VT Numeric Pad 7	No	No	Yes
@M@8	VT Numeric Pad 8	No	No	Yes
@M@9	VT Numeric Pad 9	No	No	Yes
@M@-	VT Numeric Pad -	No	No	Yes
@M@,	VT Numeric Pad ,	No	No	Yes
@M@.	VT Numeric Pad .	No	No	Yes
@M@e	VT Numeric Pad Enter	No	No	Yes
@M@f	VT Edit Find	No	No	Yes
@M@i	VT Edit Insert	No	No	Yes
@M@r	VT Edit Remove	No	No	Yes
@M@s	VT Edit Select	No	No	Yes
@M@p	VT Edit Previous Screen	No	No	Yes
@M@n	VT Edit Next Screen	No	No	Yes
@M@a	VT PF1	No	No	Yes
@M@b	VT PF2	No	No	Yes
@M@c	VT PF3	No	No	Yes
@M@d	VT PF4	No	No	Yes
@M@h	VT HOld Screen	No	No	Yes

Mnemonic	Meaning	3270	5250	VT
@M@(space)	Control Code NUL	No	No	Yes
@M@A	Control Code SOH	No	No	Yes
@M@B	Control Code STX	No	No	Yes
@M@C	Control Code ETX	No	No	Yes
@M@D	Control Code EOT	No	No	Yes
@M@E	Control Code ENQ	No	No	Yes
@M@F	Control Code ACK	No	No	Yes
@M@G	Control Code BEL	No	No	Yes
@M@H	Control Code BS	No	No	Yes
@M@I	Control Code HT	No	No	Yes
@M@J	Control Code LF	No	No	Yes
@M@K	Control Code VT	No	No	Yes
@M@L	Control Code FF	No	No	Yes
@M@M	Control Code CR	No	No	Yes
@M@N	Control Code SO	No	No	Yes
@M@O	Control Code SI	No	No	Yes
@M@P	Control Code DLE	No	No	Yes
@M@Q	Control Code DC1	No	No	Yes
@M@R	Control Code DC2	No	No	Yes
@M@S	Control Code DC3	No	No	Yes
@M@T	Control Code DC4	No	No	Yes
@M@U	Control Code NAK	No	No	Yes
@M@V	Control Code SYN	No	No	Yes
@M@W	Control Code ETB	No	No	Yes
@M@X	Control Code CAN	No	No	Yes
@M@Y	Control Code EM	No	No	Yes
@M@Z	Control Code SUB	No	No	Yes
@M@u	Control Code ESC	No	No	Yes
@M@v	Control Code FS	No	No	Yes
@M@w	Control Code GS	No	No	Yes
@M@x	Control Code RS	No	No	Yes
@M@y	Control Code US	No	No	Yes

Mnemonic	Meaning	3270	5250	VT
@M@z	Control Code DEL	No	No	Yes
@Q@A	VT User Defined Key 6	No	No	Yes
@Q@B	VT User Defined Key 7	No	No	Yes
@Q@C	VT User Defined Key 8	No	No	Yes
@Q@D	VT User Defined Key 9	No	No	Yes
@Q@E	VT User Defined Key 10	No	No	Yes
@Q@F	VT User Defined Key 11	No	No	Yes
@Q@G	VT User Defined Key 12	No	No	Yes
@Q@H	VT User Defined Key 13	No	No	Yes
@Q@I	VT User Defined Key 14	No	No	Yes
@Q@J	VT User Defined Key 15	No	No	Yes
@Q@K	VT User Defined Key 16	No	No	Yes
@Q@L	VT User Defined Key 17	No	No	Yes
@Q@M	VT User Defined Key 18	No	No	Yes
@Q@N	VT User Defined Key 19	No	No	Yes
@Q@0	VT User Defined Key 20	No	No	Yes
@Q@a	VT Backtab	No	No	Yes
@Q@r	VT Clear Page	No	No	Yes
@Q@s	VT Edit	No	No	Yes
@@	@	Yes	Yes	Yes
@$	Alternate Cursor (The Presentation Manager Interface only)	Yes	Yes	Yes

Mnemonic	Meaning	3270	5250	VT
@<	Backspace	Yes	Yes	Yes
@:@s	Screen Reverse	Yes	Yes	Yes
@:@n	Bidi Layer	Yes	Yes	Yes
@:@l	Latin Layer	Yes	Yes	Yes
@:@F	Field Reverse	Yes	Yes	No
@:@p	Push	Yes	No	No
@:@e	End Push	Yes	No	No
@:@a	Auto Push	Yes	No	No
@:@r	Auto Reverse	Yes	No	No
@:@d	CSD	Yes	No	No
@:@f	Final	Yes	No	No
@:@i	Isolated	Yes	No	No
@:@m	Middle	Yes	No	No
@:@t	Initial	Yes	No	No
@:@h	Field Shape	Yes	No	No
@:@u	Field Base	Yes	No	No
@:@b	Base	No	Yes	No
@:@o	Close	No	Yes	No
@:@K	Column Heading	No	No	Yes
@:@B	Cursor Direction	No	No	Yes
@:@D	Encoding Mode	No	No	Yes
@:@M	VT Change Display Mode	No	No	Yes (Hebrew only)

Revision #4
Created 25 May 2021 11:16:36
Updated 30 June 2022 13:09:54