Device.sendKeys()

Overview

Sends single or multiple key presses to the session.

Use Cases

Pint

You want to emulate pressing a single or multiple key presses in a script.

Format

Device.sendKeys(keyMacro);

Parameter	Description	Type	Required
keyMacro	The keys to press or one of the following macro expressions.	String	Required

Macro Expressions

Type	Description	Example
Named Keys	A named key used as a simple readable key value. See **Named keys** below.	`'{F1}'`
Hex Value	A key value expressed in a Unicode hex value.	`'{HEX:000D}'`
Autoenter	A key that represents a send key for 5250/3270 or Carriage Return for VT. If Auto Carriage Return is disabled will send nothing	`'{AutoEnter}'`
Pause	Used to create delays between keypresses. A value can be specified after a colon and is in milliseconds. If not specified the default value for a pause is 250 ms.	`'{Pause:1000}'`
Script	Used to execute a script.	`'{Script:Device.beep(200,500,50);}'`

Example

```
/* Type the word hello followed by the enter key.
 */
 Device.sendKeys('hello{enter}');
```

Copy

Named Keys

This is a list of all the keys that can be used as a Named Key in a key macro.

Function Keys

Name Key	Hex Value
{F1}	{HEX:E03B}
{F2}	{HEX:E03C}
{F3}	{HEX:E03D}
{F4}	{HEX:E03E}
{F5}	{HEX:E03F}
{F6}	{HEX:E040}
{F7}	{HEX:E041}
{F8}	{HEX:E042}
{F9}	{HEX:E043}
{F10}	{HEX:E044}
{F11}	{HEX:E054}
{F12}	{HEX:E055}
{F13}	{HEX:E056}
{F14}	{HEX:E057}
{F15}	{HEX:E058}
{F16}	{HEX:E059}
{F17}	{HEX:E05A}
{F18}	{HEX:E05B}
{F19}	{HEX:E05C}
{F20}	{HEX:E05D}
{F21}	{HEX:E05E}
{F22}	{HEX:E05F}
{F23}	{HEX:E060}
{F24}	{HEX:E061}

VT control characters

Name	Hex Value
{NUL}	{HEX:EE32}
{SOH}	{HEX:0001}
{STX}	{HEX:0002}

Name	Hex Value
{ETX}	{HEX:0003}
{EOT}	{HEX:0004}
{ENQ}	{HEX:0005}
{ACK}	{HEX:0006}
{BEL}	{HEX:0007}
{BS}	{HEX:0008}
{TAB}	{HEX:0009}
{LF}	{HEX:000A}
{VT}	{HEX:000B}
{FF}	{HEX:000C}
{CR}	{HEX:000D}
{SO}	{HEX:000E}
{SI}	{HEX:000F}
{DLE}	{HEX:0010}
{DC1}	{HEX:0011}
{DC2}	{HEX:0012}
{DC3}	{HEX:0013}
{DC4}	{HEX:0014}
{NAK}	{HEX:0015}
{SYN}	{HEX:0016}
{ETB}	{HEX:0017}
{CAN}	{HEX:0018}
{EM}	{HEX:0019}
{SUB}	{HEX:001A}
{ESC}	{HEX:001B}
{FS}	{HEX:001C}
{GS}	{HEX:001D}
{RS}	{HEX:001E}
{US}	{HEX:001F}
{DEL}	{HEX:007F}

52/32/VT COMMON

Name	Hex Value
{ENTER}	{HEX:000D}
{OPEN-BRACE}	{HEX:007B}
{CLOSE-BRACE}	{HEX:007D}
{BACK-TAB}	{HEX:E00F}
{LEFT}	{HEX:E04B}
{RIGHT}	{HEX:E04D}
{UP}	{HEX:E048}
{DOWN}	{HEX:E050}
{DELETE}	{HEX:E053}
{INSERT}	{HEX:E052}
{BACKSPACE}	{HEX:0008}
{QUIET-MODE}	{HEX:E010}

5250/3270 COMMON

Name	Hex Value
{ROLL-UP}	{HEX:E049}
{ROLL-DOWN}	{HEX:E051}
{HOME}	{HEX:E047}
{DUP}	{HEX:E04F}
{FIELD-MINUS}	{HEX:E076}
{ATTENTION}	{HEX:0001}
{CLEAR}	{HEX:0003}
{ERASE-INPUT}	{HEX:0005}
{HELP}	{HEX:0007}
{PRINT}	{HEX:0010}
{SYSTEM-REQ}	{HEX:0013}
{FREE-CURSOR}	{HEX:E021}

5250 only

Name	Hex Value
{SEND}	{HEX:000A}
{FIELD-EXIT}	{HEX:000D}
{FIELD-PLUS}	{HEX:E084}
{RESET}	{HEX:001B}

3270 only

Name	Hex Value
{FIELD-MARK}	{HEX:0006}
{NEW-LINE}	{HEX:000E}
{ERASE-EOF}	{HEX:000F}
{RESET-3270}	{HEX:0012}
{PA1}	{HEX:EE31}
{PA2}	{HEX:EE32}
{PA3}	{HEX:EE33}
{SEND-3270}	{HEX:000D}
{CLEAR-3270}	{HEX:001B}

VT only

Name	Hex Value
{RETURN}	{HEX:000D}
{FIND}	{HEX:E047}
{INSERT-HERE}	{HEX:E052}
{REMOVE}	{HEX:E053}
{SELECT}	{HEX:E04F}
{PREV-SCREEN}	{HEX:E049}
{NEXT-SCREEN}	{HEX:E051}
{ENTER-VT}	{HEX:E012}
{HARD-RESET}	{HEX:E023}
{SOFT-RESET}	{HEX:E01F}

Web only

Name	Hex Value
{BACK}	{HEX:E201}
{NAVIGATE-BACK}	{HEX:E202}
{NAVIGATE-FORWARD}	{HEX:E203}
{NAVIGATE-HOME}	{HEX:E205}
{NAVIGATE-REFRESH}	{HEX:E206}