

Scripting

Overview

Indigo supports the following scripting options:

- [In-Session Command Scripting](#)
- [Post Processing Scripts](#)

In-Session Command Scripting

In-Session Command Scripting allows you to send commands to the terminal session using [Internal Command](#) syntax.

The following types of scripting methods can be invoked.

Description	Executes a script function from a named script file. Transmit return data to connected device/host.
Syntax	:@<script-name>.<script-function>
Example	:@PostProcessingSample.ForceToUpperCase("hello world")

Description	Executes a script function from the currently configured session <i>Post-Processing</i> script file. Transmit return data to connected device/host.
Syntax	:!<script-function>
Example	:!MyCustomFunction()

Description	Executes a VBScript code expression. Transmit return data to connected device/host.
Syntax	:=<script-code>
Example	:=Host.Post("Hello World")
Example	:=UCase("hello world")

Post Processing Scripts

Indigo supports a *Post-Processing* scripting feature that allows a user created script to analyze and modify data after it has been received.

Post-Processing scripting enables you to execute a script function to process data received from a terminal session before it is rendered to the screen.

To use this feature, *Post-Processing* scripting must be enabled and configured for each session in the [Advanced](#) tab of the [Session Properties](#) editor.

Session Settings

Multi-Command
 Internal Commands
 Variable Replacement
 Advanced Send Commands
 Force Window Maximized
 Command Buffer
 Reboot Sequence
 Terminating Character
 Auto Line Wrap
 Post Processing Script
 Keep Alive
 Character & Line Delay
 Timestamp

Post-processing allows you to perform custom processing on the data received in a terminal session. This post-processing feature enables customization via the use of a custom script file. (VBScript or JScript)

Script Language: VBScript

Script File: PostProcessingSample.vbs

Script Function: ForceToUpperCase

Test

Property	Description
Post Processing Script	This option must be checked before the session will use <i>Post-Processing</i> scripting.
Script Language	Select the scripting language used in the script file. <ul style="list-style-type: none"> • VBScript • JScript
Script File	Select the script file to use. (This script file must exist in the Scripts data directory .)
Script Function	Select the desired script function to be invoked when this terminal session receives data.
Test	This button provides a simple option to test an invocation of your script function.

In the example configuration above the "**ForceToUpperCase**" function is selected from the "[PostProcessingSample.vbs](#)" script file.

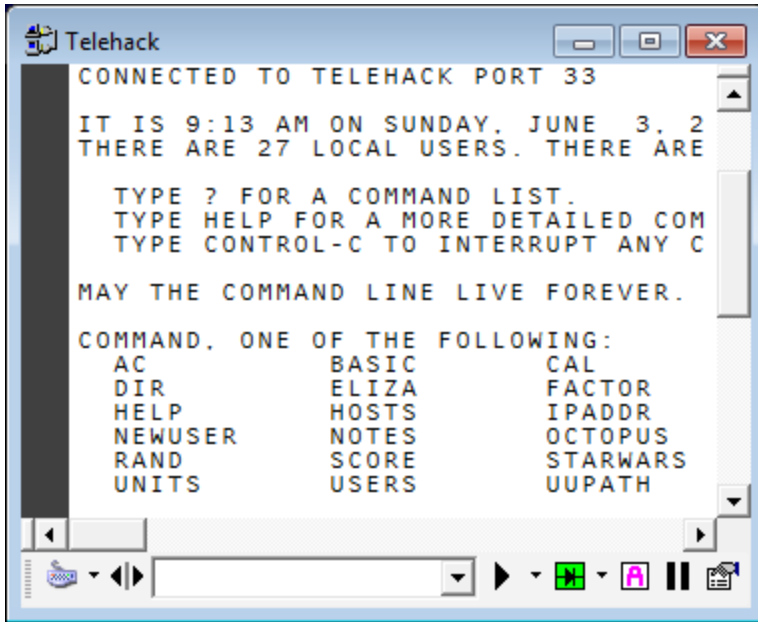
The code snippet below illustrates this function.

Post-Processing Script Example

```
'//-----  
-----  
'// A Function will allow you to specify the  
return data  
'// which will get displayed to the session  
data window  
'//-----  
-----  
Function ForceToUpperCase(ByVal sData)  
  
    '//force all incoming data to upper case  
    ForceToUpperCase = UCase(sData)  
End Function
```

When this *Post-Processing* script function is enabled, all textual data received will be forced into upper case before it is displayed on screen.

The screenshot below is an example of data received and displayed after being processed by this script function.



Script File Location

Script files should be placed in the "Scripts" directory under the [Indigo Data Directory](#).

OS Version	Directory Location
Windows XP	C:\Document and Settings\All Users\Application Data\shadeBlue\Indigo\Scripts
Windows 2003 Server	C:\Document and Settings\All Users\Application Data\shadeBlue\Indigo\Scripts
Windows Vista	C:\ProgramData\shadeBlue\Indigo\Scripts
Windows 7	C:\ProgramData\shadeBlue\Indigo\Scripts
Windows 8	C:\ProgramData\shadeBlue\Indigo\Scripts
Windows 2008 Server	C:\ProgramData\shadeBlue\Indigo\Scripts

Info

The *C:\ProgramData* directory is hidden by default in Windows.


Examples

Indigo includes two files to help get you started with writing your own scripts.

(These files are both located in the [Scripts directory](#) referenced above.)

File	Description
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PostProcessingSample.vbs	This script file includes a number of example post-processing functions and event handlers.
Indigo Scripting Host API.txt	This is a text document that defines the available methods and events provided by the scripting " Host " object.

 If you are creating your own script functions, please create a new script file and do not create your customization in the "PostProcessingSample.vbs" file. This file may be automatically overwritten in Indigo version updates, thus losing your customization.