

LATEST CHANGES
FOR
POWER OF THE SHELL

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Made for PC Monitor by MMSOFT Design ltd.

Document is intended for v1.4 of the plugin and PC Monitor Agent
v3.1.3 and above.

Foreword

POTS for PCM 1.3 came with support for input controls. Now in v.1.4 there is support for “partial input controls”.

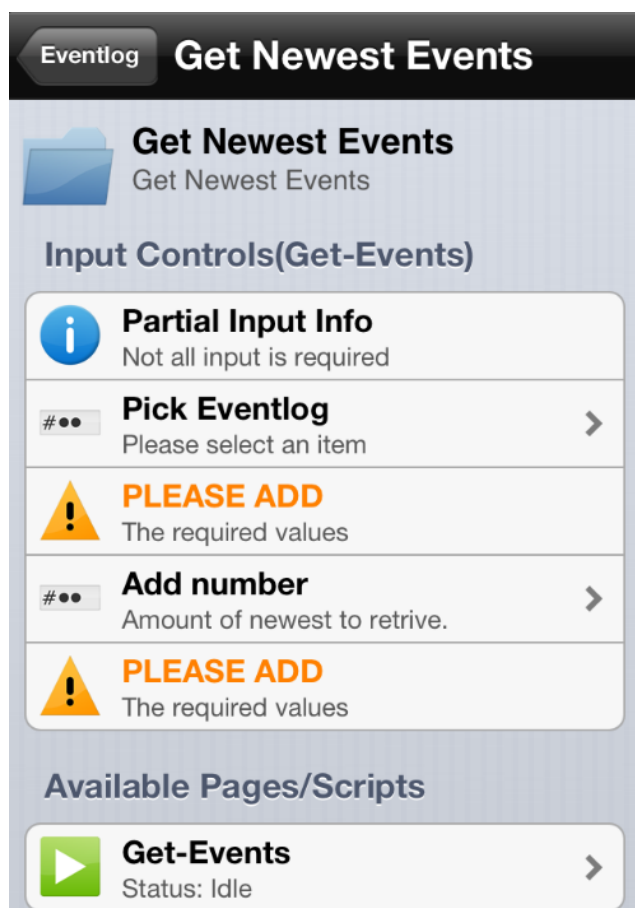
And what does that mean. It means that it is now possible to have a script that can run with or without all input controls assigned. Let’s think of a script where running it with one input control, will generate a different output than running it with 3 or all assigned input controls. This makes it possible to create very flexible scripts that take different parameters.

This is achieved by adding a new attribute to the command node that you wish to have this option enabled.

- allowPartialInput="True"

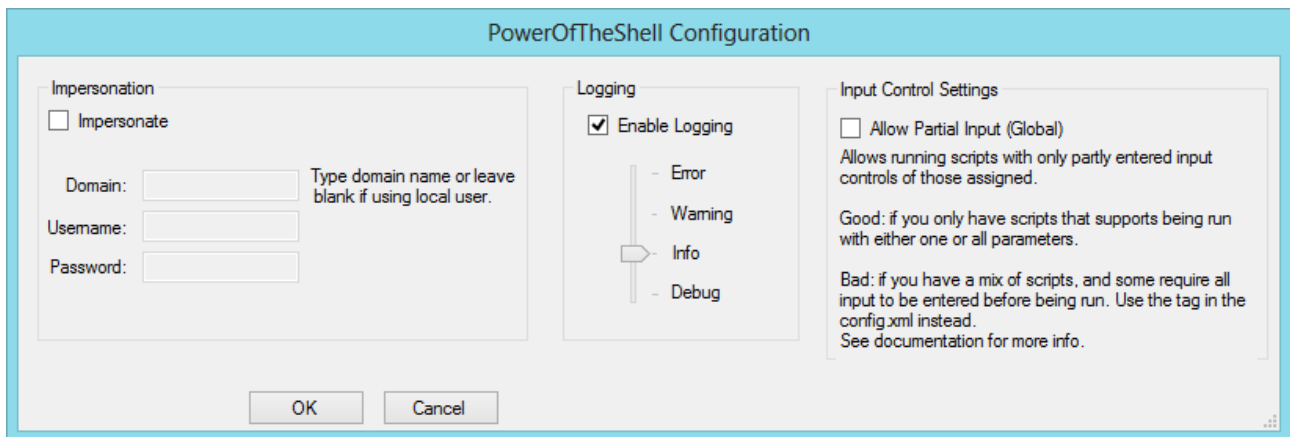
```
<command title="RunAllTests" commandId="1" path="c:\users\johnni\desktop\test.ps1" arguments="" allowPartialInput="True">
```

When “partial input controls” is enabled for a given command you will be able to see it in PCM (see Pic.1)



Another change in this release is an updated configuration form. It now has three features.

- Impersonation Settings
- Log Level settings: debug,info,warn,error
- Partial input controls global setting



The image shows a 'PowerOfTheShell Configuration' dialog box with three main sections: Impersonation, Logging, and Input Control Settings. The Impersonation section has a checkbox for 'Impersonate' and three text fields for 'Domain:', 'Username:', and 'Password:'. The Logging section has a checked checkbox for 'Enable Logging' and a vertical slider with four levels: Error, Warning, Info (selected), and Debug. The Input Control Settings section has a checkbox for 'Allow Partial Input (Global)' and explanatory text about when this setting is good or bad. At the bottom are 'OK' and 'Cancel' buttons.

Section	Feature	Value / Setting
Impersonation	Impersonate	<input type="checkbox"/>
	Domain:	[Text Field]
	Username:	[Text Field]
	Password:	[Text Field]
Logging	Enable Logging	<input checked="" type="checkbox"/>
	Log Level	Info (selected)
Input Control Settings	Allow Partial Input (Global)	<input type="checkbox"/>
	Global Setting	Good/Bad (descriptive text)

Impersonation is known since v.1.1 so I will talk a little bit about log level and the global partial input controls instead.

The log level is by default set to Info. This means that all events logged as info will be shown but also all levels above info, so info, warn and error. Here is all listed.

1. Debug: Debug, Info, Warning, Error
2. Info: Info, Warning, Error
3. Warning: Warning, Error
4. Error: Error

If there is a problem in the plug-in or there is a wish to follow the plugin step by step, you can enable debug and get a lot of information in the "trace" log. This requires that diagnostics is enabled and also plugins is checked in the PCM Manager.

Last but not least the setting to allow the partial input options globally.

This is good idea if you only have scripts that support being run with either one (at least one) or all parameters. A bad idea if you have a mix of scripts, and some requires all input to be entered before being able to run successfully. If enabled, the script could be run accidentally without all been entered. If so use the allowPartialInput attribute in the config.xml instead.

Enjoy, and don't forget to report back any findings you might find. Good ideas for improvement are also very welcome.