Windows PowerShell Get-Help on Cmdlet 'Debug-MMAppPrelaunch'

PS:\>Get-HELP Debug-MMAppPrelaunch -Full

NAME

Debug-MMAppPrelaunch

SYNOPSIS

Debugs the application prelaunch of a specific application by triggering the prelaunch to occur and to exit debug mode for the application.

SYNTAX

Debug-MMAppPrelaunch [-AsJob] [-CimSession <CimSession[]>] [-DisableDebugMode] -PackageFullName <String> -PackageRelativeAppId <String> [-ThrottleLimit <Int32>]

[<CommonParameters>]

DESCRIPTION

The Debug-MMAppPrelaunch cmdlet debugs the application prelaunch of a specific application by triggering the prelaunch to occur and to exit debug mode for the

application.

Prelaunching is a new feature added in Windowsr 8.1 that improves the launch performance of apps from the Windows

Store by proactively launching frequently used apps

in the background if they are not already running or suspended. This makes starting an app as fast as switching to a suspended app from the user's perspective. This

command enables you to prelaunch an app into debug mode.

You identify the application to prelaunch by including the PackageFullName and PackageRelativeAppId parameters.

To turn off debugging, specify the application and also include the DisableDebugMode parameter.

PARAMETERS

-AsJob [<SwitchParameter>]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

The cmdlet immediately returns an object that represents the job and then displays the command prompt. You can continue to work in the session while the job

completes. To manage the job, use the `*-Job` cmdlets. To get the job results, use the Receive-Job (https://go.microsoft.com/fwlink/?LinkID=113372)cmdlet.

For more information about Windows PowerShell background jobs, see about_Jobs (https://go.microsoft.com/fwlink/?LinkID=113251).

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-CimSession <CimSession[]>

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a New-CimSession

(https://go.microsoft.com/fwlink/p/?LinkId=227967) or

[Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet. The default is the current session

on the local computer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DisableDebugMode [<SwitchParameter>]

Indicates that the cmdlet turns off debug mode for the selected application.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PackageFullName <String>

Specifies the full name of the AppX package that contains the application to be prelaunched in debug mode.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PackageRelativeAppId <String>

Specifies the application ID of the application within the AppX package that is prelaunched. The application ID is found in the package manifest file.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then

Windows PowerShellr calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit

applies only to the current cmdlet, not to the session or to the computer.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug,

ErrorAction, ErrorVariable, WarningAction, WarningVariable,

OutBuffer, PipelineVariable, and OutVariable. For more information, see

about_CommonParameters (https:/go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

OUTPUTS

NOTES

* None

------ Example 1: Prelaunch an app and enable debug mode ------

PS C:\> Debug-MmAppPreLaunch -PackageFullName Microsoft.ZuneMusic_2.0.94.0_x64__8wekyb3d8bbwe -PackageRelativeAppId Microsoft.ZuneMusic

This command prelaunches an application in debug mode.

- Example 2: Clear debug mode from the prelaunch activated app -

PS C:\> Debug-MmAppPreLaunch -PackageFullName Microsoft.ZuneMusic_2.0.94.0_x64__8wekyb3d8bbwe -PackageRelativeAppId Microsoft.ZuneMusic -DisableDebugMode

This command disables the debug mode from the app that you previously prelaunch activated.

Example 3: Getting the PackageFullName and PackageRelativeAppId of your App

PS C:\> ForEach ($Package in Get-AppxPackage) {ForEach ($AppRelativeId in (Get-AppxPackageManifest($Package)).Package.Applications.Application.Id) {'PackageFullName:
' + $Package.PackageFullName; 'PackageRelativeId: ' + $AppRelativeID; ''}}

This command shows how you can find the PackageFullName and PackageRelativeAppId information for your package.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/mmagent/debug-mmappprelaunch?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Disable-MMAgent

Enable-MMAgent

Get-MMAgent

Set-MMAgent