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PowerShell Get-Help on command 'Debug-MMAppPrelaunch'

PS C:\Users\wahid> Get-Help Debug-MMAppPrelaunch

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).

-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.

-DisableDebugMode [<SwitchParameter>]

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

-PackageFullName <String>

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

-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.

-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.

<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).

------ 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.

REMARKS

To see the examples, type: "get-help Debug-MMAppPrelaunch -examples".
For more information, type: "get-help Debug-MMAppPrelaunch -detailed".
For technical information, type: "get-help Debug-MMAppPrelaunch -full".
For online help, type: "get-help Debug-MMAppPrelaunch -online"