python PowerShell FPDF Library
PDF generator

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PowerShell Get-Help on command 'New-FileCatalog'

PS C:\Users\wahid> Get-Help New-FileCatalog

NAME

    New-FileCatalog

SYNOPSIS

    `New-FileCatalog` creates a catalog file of file hashes that can be used to

    validate the authenticity of a file.

SYNTAX

    New-FileCatalog [-CatalogFilePath] <System.String> [[-Path] <System.String[]>]

    [-CatalogVersion <System.Int32>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

    `New-FileCatalog` creates a Windows catalog file

    (/windows-hardware/drivers/install/catalog-files)for a set of folders and

    files. This catalog file contains hashes for all files in the provided paths.

    Users can then distribute the catalog with their files so that users can

    validate whether any changes have been made to the folders since catalog

    creation time.

Catalog versions 1 and 2 are supported. Version 1 uses the (deprecated) SHA1 hashing algorithm to create file hashes, and version 2 uses SHA256.

PARAMETERS

  -CatalogFilePath <System.String>

    A path to a file or folder where the catalog file (.cat) should be placed. If a folder path is specified, the default filename `catalog.cat` will be used.

  -CatalogVersion <System.Int32>

    Accepts `1.0` or `2.0` as possible values for specifying the catalog version. `1.0` should be used avoided whenever possible, as it uses the insecure SHA-1 hash algorithm, while `2.0` uses the secure SHA-256 algorithm However, `1.0` is the only supported algorithm on Windows 7 and Server 2008R2.

  -Path <System.String[]>

    Accepts a path or array of paths to files or folders that should be included in the catalog file. If a folder is specified, all the files in the folder will be included as well.

  -Confirm <System.Management.Automation.SwitchParameter>

    Prompts you for confirmation before running the cmdlet.

  -WhatIf <System.Management.Automation.SwitchParameter>

    Shows what would happen if the cmdlet runs. The cmdlet is not run.

  <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: Create a file catalog for `Microsoft.PowerShell.Utility`

New-FileCatalog -Path $PSHOME\Modules\Microsoft.PowerShell.Utility

-CatalogFilePath \temp\Microsoft.PowerShell.Utility.cat -CatalogVersion 2.0

Mode   LastWriteTime   Length Name

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Microsoft.PowerShell.Utility.cat

REMARKS

    To see the examples, type: "get-help New-FileCatalog -examples".

    For more information, type: "get-help New-FileCatalog -detailed".

    For technical information, type: "get-help New-FileCatalog -full".

    For online help, type: "get-help New-FileCatalog -online"