



Windows PowerShell Get-Help on Cmdlet 'Get-AzDataLakeStoreDeletedItem'

PS:\>Get-HELP Get-AzDataLakeStoreDeletedItem -Full

NAME

Get-AzDataLakeStoreDeletedItem

SYNOPSIS

Searches for deleted entries in trash which match the filter.

SYNTAX

```
Get-AzDataLakeStoreDeletedItem [-Account] <System.String> [-Filter] <System.String> [-AsJob] [-Count <System.Int32>]
[-DefaultProfile

                                     <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[<CommonParameters>]
```

DESCRIPTION

The Get-AzDataLakeStoreDeletedItem cmdlet searches the deleted files or folders in Data Lake Store which match the given filter. It displays the following attributes

of the deleted items - OriginalPath, TrashDirPath, Type, CreationTime. This could be a long running operation as it may have to search through millions of files in

trash and could be run as a job. Caution: Undeleting files is a best effort operation. There are no guarantees on the file

can be restored once it is deleted. The

use of this API is enabled via allowlisting. If your ADL account is not allowlisted, then using this api will throw Not implemented exception. For further information and assistance please contact Microsoft support.

PARAMETERS

-Account <System.String>

Specifies the name of the Data Lake Store account.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Count <System.Int32>

Specifies the number of results the user wants to find. The query runs until it finds Count results or it searches through entire trash, whichever happens first.

Required? false

Position? named

Default value 1

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Filter <System.String>

Specifies the search query. A more specific value gives more relevant results.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

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

System.String

OUTPUTS

System.Collections.Generic.List<Microsoft.Azure.Commands.DataLakeStore.Models.DataLakeStoreDeletedItem>

NOTES

--- Example: Get details of a file from the Data Lake Store ---

Get-AzDataLakeStoreDeletedItem -Account ml1ptrashtest -Filter test0/file_123

| TrashDirPath | OriginalPath | Type | CreationTime |
|--------------------------------------|---|-------|---------------------|
| ----- | ----- | ----- | ----- |
| cd6ad5ce-792b-4812-8a33-8f9ed19eb532 | adl://ml1ptrashtest.azuredatalake.com/test0/file_1230 | FILE | 2/8/2019 8:12:18 AM |
| 356cfd42-39c7-451e-96cb-9f47883d91e2 | adl://ml1ptrashtest.azuredatalake.com/test0/file_1232 | FILE | 2/8/2019 8:12:18 AM |
| e7b30ac8-2dbc-43a3-8ca6-2d420ac0c488 | adl://ml1ptrashtest.azuredatalake.com/test0/file_1237 | FILE | 2/8/2019 8:12:18 AM |

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.datalakestore/get-azdatalakestoredeleteditem>

Restore-AzDataLakeStoreDeletedItem