



Windows PowerShell Get-Help on Cmdlet 'Invoke-AzSynapseDataFlowDebugSessionCommand'

PS:\>Get-HELP Invoke-AzSynapseDataFlowDebugSessionCommand -Full

NAME

Invoke-AzSynapseDataFlowDebugSessionCommand

SYNOPSIS

Invoke debug action in data flow debug session.

SYNTAX

```
Invoke-AzSynapseDataFlowDebugSessionCommand [-AsJob] [-Column
<System.Collections.Generic.List`1[System.String]>] -Command <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Expression
<System.String>] [-RowLimit <System.Nullable`1[System.Int32]>]
-SessionId <System.String> -StreamName <System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Invoke-AzSynapseDataFlowDebugSessionCommand [-AsJob] [-Column
<System.Collections.Generic.List`1[System.String]>] -Command <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Expression
<System.String>] [-RowLimit <System.Nullable`1[System.Int32]>]
-SessionId <System.String> -StreamName <System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

<Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm] [-WhatIf]
[<CommonParameters>]

DESCRIPTION

This command executes data preview/stats preview/expression preview for different streams of data flow in debug session. The PowerShell command sequence for data flow

debug workflow should be:

Start-AzSynapseDataFlowDebugSession

Add-AzSynapseDataFlowDebugSessionPackage

Invoke-AzSynapseDataFlowDebugSessionCommand (repeat this step for different commands/targets, or repeat step 2-3 in order to change the package file)

Stop-AzSynapseDataFlowDebugSession

PARAMETERS

-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

-Column <System.Collections.Generic.List`1[System.String]>

The column list for data flow statistics preview.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Command <System.String>

The data flow debug command. Optionals are executePreviewQuery, executeStatisticsQuery and executeExpressionQuery.

Required? true

Position? named

Default value None

Accept pipeline input? False

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

-Expression <System.String>

The expression for data flow expression preview.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RowLimit <System.Nullable`1[System.Int32]>

The row limit for data flow data preview.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-SessionId <System.String>

Identifier for Synapse data flow debug session.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-StreamName <System.String>

The stream name of data flow for debugging.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-WorkspaceName <System.String>

Name of Synapse workspace.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace>

workspace input object, usually passed through the pipeline.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

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

Required? false

Position? named

Default value False

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

Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace

OUTPUTS

Microsoft.Azure.Commands.Synapse.Models.PSDataFlowDebugCommandResponse

NOTES

----- Example 1 -----

```
$result = Invoke-AzSynapseDataFlowDebugSessionCommand -WorkspaceName ContosoWorkspace -Command
executePreviewQuery -SessionId 3afb278e-ac5f-469f-a0b6-2f04c3ab59bc
-StreamName source1 -RowLimit 100 -AsJob
$result | Format-Table -wrap
```

Id	Name	PSJobTypeName	State	HasMoreData	Location	Command
--	----	-----	-----	-----	-----	
1	Long Running Operation	AzureLongRunningJob`1	Completed	True	localhost	

```
Invoke-AzSynapseDataFlowDebugSessionCommand
    for 'Invoke-AzSynapseD
    ataFlowDebugSessionCommand'

$output = ConvertFrom-Json($result.Output.Data)
$output.output
```

```
"schema": "output(ResourceAgencyNum as string, PublicName as string)" ,
"data": [["4445679354", "Syrian Refugee Information", 1], ["44456793", "Syrian Refugee Information", 1]]
}
```

This example invokes data preview command for debug session "3afb278e-ac5f-469f-a0b6-2f04c3ab59bc" in Synapse workspace "ContosoWorkspace" and then convert the JSON output into readable string.

----- Example 2 -----

```
$ws = Get-AzSynapseWorkspace -Name ContosoWorkspace
$ws | Invoke-AzSynapseDataFlowDebugSessionCommand -Command executePreviewQuery -SessionId
3afb278e-ac5f-469f-a0b6-2f04c3ab59bc -StreamName source1 -RowLimit 100
```

This example invokes data preview command for debug session "3afb278e-ac5f-469f-a0b6-2f04c3ab59bc" in Synapse workspace "ContosoWorkspace" through pipeline.

RELATED LINKS

	Online	Version:
https://learn.microsoft.com/powershell/module/az.synapse/invoke-azsynapsedataflowdebugsessioncommand		