



## Windows PowerShell Get-Help on Cmdlet 'Invoke-AzDataFactoryV2DataFlowDebugSessionCommand'

**PS: \>Get-HELP Invoke-AzDataFactoryV2DataFlowDebugSessionCommand -Full**

### NAME

Invoke-AzDataFactoryV2DataFlowDebugSessionCommand

### SYNOPSIS

Invoke debug action in data flow debug session.

### SYNTAX

```
Invoke-AzDataFactoryV2DataFlowDebugSessionCommand [-DataFactory]
<Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory> [-SessionId] <System.String> [-Command]
    <System.String> [-StreamName] <System.String> [[-RowLimit] <System.Nullable`1[System.Int32]>] [[-Expression]
<System.String>] [[-Columns]
    <System.Collections.Generic.List`1[System.String]>] [-AsJob] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Invoke-AzDataFactoryV2DataFlowDebugSessionCommand [-ResourceGroupName] <System.String>
[-DataFactoryName] <System.String> [-SessionId] <System.String> [-Command]
    <System.String> [-StreamName] <System.String> [[-RowLimit] <System.Nullable`1[System.Int32]>] [[-Expression]
<System.String>] [[-Columns]
```

```

<System.Collections.Generic.List`1[System.String]>] [-AsJob] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]

Invoke-AzDataFactoryV2DataFlowDebugSessionCommand [-ResourceId] <System.String> [-SessionId] <System.String>
[-Command] <System.String> [-StreamName] <System.String>
    [[-RowLimit] <System.Nullable`1[System.Int32]>] [[-Expression] <System.String>] [[-Columns]
<System.Collections.Generic.List`1[System.String]>] [-AsJob]
    [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

## DESCRIPTION

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

```

debug workflow should be: 1. Start-AzDataFactoryV2DataFlowDebugSession 1.
Add-AzDataFactoryV2DataFlowDebugSessionPackage 1.

```

Invoke-AzDataFactoryV2DataFlowDebugSessionCommand (repeat this step for different commands/targets, or repeat step 2-3 in order to change the package file) 1.

```
Stop-AzDataFactoryV2DataFlowDebugSession
```

## 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

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

The columns list for data flow statistics preview.

|                             |       |
|-----------------------------|-------|
| Required?                   | false |
| Position?                   | 7     |
| 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?                   | 3     |
| Default value               | None  |
| Accept pipeline input?      | False |
| Accept wildcard characters? | false |

-DataFactory <Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory>

The data factory object.

|                             |                |
|-----------------------------|----------------|
| Required?                   | true           |
| Position?                   | 0              |
| Default value               | None           |
| Accept pipeline input?      | True (ByValue) |
| Accept wildcard characters? | false          |

-DataFactoryName <System.String>

The data factory name.

|               |      |
|---------------|------|
| Required?     | true |
| Position?     | 1    |
| Default value | None |

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

-Expression <System.String>

The expression for data flow expression preview.

Required? false

Position? 6

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceId <System.String>

The Azure resource ID.

Required? true  
Position? 0  
Default value None  
Accept pipeline input? True (ByPropertyName)  
Accept wildcard characters? false

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

The row limit for data flow data preview.

Required? false  
Position? 5  
Default value None  
Accept pipeline input? False  
Accept wildcard characters? false

-SessionId <System.String>

The data flow debug session ID.

Required? true  
Position? 2  
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? 4  
Default value None  
Accept pipeline input? False  
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

#### INPUTS

System.String

Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory

#### OUTPUTS

## NOTES

Keywords: azure, azurearm, arm, resource, management, manager, data, factoriesKeywords: azure, azurearm, arm, resource, management, manager, data, factories

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

```
$result = Invoke-AzDataFactoryV2DataFlowDebugSessionCommand -ResourceGroupName adf -DataFactoryName
WikiADF -Command executePreviewQuery -SessionId
fd76cd0d-8b37-4dc0-a370-3f9d43ac686d -StreamName source1 -RowLimit 100 -AsJob
$result
```

| Id | Name            | PSJobTypeName   | State   | HasMoreData | Location  | Command                   |
|----|-----------------|-----------------|---------|-------------|-----------|---------------------------|
| 3  | Long Running... | AzureLongRun... | Running | True        | localhost | Invoke-AzDataFactoryV2... |

(After 2 minutes)

```
$result
```

| Id | Name            | PSJobTypeName   | State     | HasMoreData | Location  | Command                   |
|----|-----------------|-----------------|-----------|-------------|-----------|---------------------------|
| 3  | Long Running... | AzureLongRun... | Completed | True        | localhost | Invoke-AzDataFactoryV2... |

```
$output = ConvertFrom-Json($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 "fd76cd0d-8b37-4dc0-a370-3f9d43ac686d" in data factory "WikiADF" and then convert the JSON output into readable string.

## RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.datafactory/invoke-azdatafactoryv2dataflowdebugsessioncommand>

Start-AzDataFactoryV2DataFlowDebugSession

Get-AzDataFactoryV2DataFlowDebugSession

Add-AzDataFactoryV2DataFlowDebugSessionPackage

Stop-AzDataFactoryV2DataFlowDebugSession