



Windows PowerShell Get-Help on Cmdlet 'Get-AzDataFactoryV2ActivityRun'

PS: \>Get-HELP Get-AzDataFactoryV2ActivityRun -Full

NAME

Get-AzDataFactoryV2ActivityRun

SYNOPSIS

Gets information about activity runs for a pipeline run.

SYNTAX

```
Get-AzDataFactoryV2ActivityRun [-DataFactory] <Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory>
[-PipelineRunId] <System.String> [-RunStartedAfter]
    <System.DateTime> [-RunStartedBefore] <System.DateTime> [[-ActivityName] <System.String>] [[-Status]
<System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzDataFactoryV2ActivityRun [-ResourceGroupName] <System.String> [-DataFactoryName] <System.String>
[-PipelineRunId] <System.String> [-RunStartedAfter]
    <System.DateTime> [-RunStartedBefore] <System.DateTime> [[-ActivityName] <System.String>] [[-Status]
<System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
```

[<CommonParameters>]

DESCRIPTION

The Get-AzDataFactoryV2ActivityRun cmdlet gets information about runs in Azure Data Factory for the specified pipeline run that happened in the given timeframe.

Additionally, you can specify filters for activity name, linked service name that executed the run, and the status of the run.

PARAMETERS

-ActivityName <System.String>

The name of the activity.

Required? false

Position? 4

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

-PipelineRunId <System.String>

The Run ID of the pipeline.

Required? true

Position? 1

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

-RunStartedAfter <System.DateTime>

The time at or after which the pipeline run started to execute.

Required?	true
Position?	2
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-RunStartedBefore <System.DateTime>

The time at or before which the pipeline run started to execute.

Required?	true
Position?	3
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Status <System.String>

The status of the pipeline run.

Required?	false
Position?	5
Default value	None
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

OUTPUTS

Microsoft.Azure.Commands.DataFactoryV2.Models.PSActivityRun

NOTES

----- Example 1: Get all activity runs for a pipeline run -----

```
Get-AzDataFactoryV2ActivityRun -ResourceGroupName "ADF" -DataFactoryName "WikiADF" -PipelineRunId  
"f288712d-fb08-4cb8-96ef-82d3b9b30621" -RunStartedAfter "2017-09-01"  
-RunStartedBefore "2017-09-30"
```

ResourceGroupName : ADF

DataFactoryName : WikiADF

ActivityName : MyWebActivity

PipelineRunId : f288712d-fb08-4cb8-96ef-82d3b9b30621

PipelineName : DPWikisample

Input : {method, url, headers, body...}

Output : {operationstatus}

ActivityRunStart : 9/14/2017 12:20:57 AM

ActivityRunEnd : 9/14/2017 12:21:00 AM

DurationInMs : 2768

Status : Succeeded

Error : {errorCode, message, failureType, target}

This command gets details about all activity runs in the pipeline run with ID "f288712d-fb08-4cb8-96ef-82d3b9b30621" that happened between "2017-09-01" and "2017-09-30".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.datafactory/get-azdatafactoryv2activityrun>

[Invoke-AzDataFactoryV2Pipeline](#)

[Get-AzDataFactoryV2PipelineRun](#)