



Windows PowerShell Get-Help on Cmdlet 'Get-AzDataFactoryV2Pipeline'

PS: \>Get-HELP Get-AzDataFactoryV2Pipeline -Full

NAME

Get-AzDataFactoryV2Pipeline

SYNOPSIS

Gets information about pipelines in Data Factory.

SYNTAX

```
Get-AzDataFactoryV2Pipeline [-DataFactory] <Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory>
[[-Name] <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzDataFactoryV2Pipeline [-ResourceGroupName] <System.String> [-DataFactoryName] <System.String> [[-Name]
<System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzDataFactoryV2Pipeline [-ResourceId] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
```

[<CommonParameters>]

DESCRIPTION

The Get-AzDataFactoryV2Pipeline cmdlet gets information about pipelines in Azure Data Factory. If you specify the name of a pipeline, this cmdlet gets information

about that pipeline. If you do not specify a name, this cmdlet gets information about all the pipelines in the data factory.

PARAMETERS

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

Specifies a PSDataFactory object. This cmdlet gets pipelines that belong to the data factory that this parameter specifies.

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

-DataFactoryName <System.String>

Specifies the name of a data factory. This cmdlet gets pipelines that belong to the data factory that this parameter specifies.

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

-Name <System.String>

Specifies the name of the pipeline about which to get information.

Required? false
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of an Azure resource group. This cmdlet gets pipelines that belong to the group that this parameter specifies.

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

<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

Microsoft.Azure.Commands.DataFactoryV2.Models.PSDataFactory

OUTPUTS

Microsoft.Azure.Commands.DataFactoryV2.Models.PSPipeline

NOTES

Keywords: azure, azurerms, arm, resource, management, manager, data, factories

----- Example 1: Get information about all pipelines -----

Get-AzDataFactoryV2Pipeline -ResourceGroupName "ADF" -DataFactoryName "WikiADF"

PipelineName : DPWikisample

ResourceGroupName : ADF

DataFactoryName : WikiADF

Activities : {MyWebActivity}

Parameters : {[url, Microsoft.Azure.Management.DataFactory.Models.ParameterSpecification]}

PipelineName : DPTwittersample

ResourceGroupName : ADF

DataFactoryName : WikiADF

Activities : {MyCopyActivity_0_0, MyCopyActivity_1_0}

Parameters : {[OutputBlobName, Microsoft.Azure.Management.DataFactory.Models.ParameterSpecification]}

This command gets information about all pipelines in the data factory named WikiADF. You can use either one of the following example commands. The second one uses a

DataFactory object as a parameter.

----- Example 2: Get information about a specific pipeline -----

Get-AzDataFactoryV2Pipeline -ResourceGroupName "ADF" -Name "DPWikisample" -DataFactoryName "WikiADF" |
Format-List

PipelineName : DPWikisample

ResourceGroupName : ADF

DataFactoryName : WikiADF

Activities : {MyCopyActivity_0_0, MyCopyActivity_1_0}

Parameters : {[OutputBlobName, Microsoft.Azure.Management.DataFactory.Models.ParameterSpecification]}

This command gets information about the pipeline named DPWikisample in the data factory named WikiADF. The command passes that information to the Format-List cmdlet

by using the pipeline operator. That Windows PowerShell cmdlet formats the results. For more information, type Get-Help Format-List.

---- Example 3: Get the properties for a specific pipeline ----

Source : Microsoft.Azure.Management.DataFactory.Models.BlobSource
Sink : Microsoft.Azure.Management.DataFactory.Models.BlobSink
Translator :
EnableStaging :
StagingSettings :
ParallelCopies :
CloudDataMovementUnits :
EnableSkipIncompatibleRow :
RedirectIncompatibleRowSettings :
Inputs : {}
Outputs : {}
LinkedServiceName :
Policy :
Name : MyCopyActivity_0_0
Description :
DependsOn :

Source : Microsoft.Azure.Management.DataFactory.Models.BlobSource
Sink : Microsoft.Azure.Management.DataFactory.Models.BlobSink
Translator :
EnableStaging :
StagingSettings :
ParallelCopies :
CloudDataMovementUnits :
EnableSkipIncompatibleRow :
RedirectIncompatibleRowSettings :
Inputs : {}
Outputs : {}
LinkedServiceName :
Policy :
Name : MyCopyActivity_1_0

Description :
DependsOn : {Microsoft.Azure.Management.DataFactory.Models.ActivityDependency}

This command gets information for the pipeline named DPWikisample in the data factory named WikiADF, and then uses standard dot notation to view the Activities property associated with that pipeline.

Example 4: Get information about inputs for the first activity

```
(Get-AzDataFactoryV2Pipeline -ResourceGroupName "ADF" -Name "DPWikisample" -DataFactoryName "WikiADF11").Activities[0].Inputs | Format-List
```

ReferenceName : dsIn

Parameters :

This command gets information for the pipeline named DPWikisample in the data factory named WikiADF, and then uses standard dot notation to view the Activities property associated with that pipeline. The command displays the Inputs property of the first element of the Activities array by using the Format-List cmdlet.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.datafactory/get-azdatafactoryv2pipeline>

Set-AzDataFactoryV2Pipeline

Remove-AzDataFactoryV2Pipeline

Invoke-AzDataFactoryV2Pipeline