



Windows PowerShell Get-Help on Cmdlet 'New-AzHDInsightHiveJobDefinition'

PS:\>Get-HELP New-AzHDInsightHiveJobDefinition -Full

NAME

New-AzHDInsightHiveJobDefinition

SYNOPSIS

Creates a Hive job object.

SYNTAX

```
New-AzHDInsightHiveJobDefinition [-Arguments <System.String[]>] [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Defines  
<System.Collections.Hashtable>] [-File <System.String>] [-Files  
    <System.String[]>] [-JobName <System.String>] [-Query <System.String>] [-RunAsFileJob] [-StatusFolder  
<System.String>] [<CommonParameters>]
```

DESCRIPTION

The New-AzHDInsightHiveJobDefinition cmdlet defines a Hive job object for use with an Azure HDInsight cluster.

-Arguments <System.String[]>

Specifies an array of arguments for the job. The arguments are passed as command-line arguments to each task.

Required? false

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

-Defines <System.Collections.Hashtable>

Specifies Hadoop configuration values to set for when the job runs.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-File <System.String>

Specifies the path to a file that contains the query to run. The file must be available on the storage account associated with the cluster. You can use this parameter instead of the Query parameter.

Required? false

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

-Files <System.String[]>

Specifies a collection of files that are associated with a Hive job.

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

-JobName <System.String>

Specifies the name of the job.

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

-Query <System.String>

Specifies the Hive query.

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

-RunAsFileJob <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet creates a file in the default Azure storage account in which to store a query. This cmdlet submits the job that references this file as

a script to run. You can use this functionality to handle special characters such as percent sign (%) that would fail on a job submission through Templeton,

because Templeton interprets a query with a percent sign as a URL parameter.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-StatusFolder <System.String>

Specifies the location of the folder that contains standard outputs and error outputs for a job.

Required?	false
Position?	named
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

None

OUTPUTS

NOTES

----- Example 1: Create a Hive job definition -----

Cluster info

\$clusterName = "your-hadoop-001"

\$clusterCreds = Get-Credential

Hive job details

\$statusFolder = "<status folder>"

\$query = "SHOW TABLES"

New-AzHDInsightHiveJobDefinition -StatusFolder \$statusFolder `

-Query \$query `

| Start-AzHDInsightJob `

-ClusterName \$clusterName `

-ClusterCredential \$clusterCreds

This command creates a Hive job definition.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.hdinsight/new-azhdinsighthivejobdefinition>

Start-AzHDInsightJob

