



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

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

NAME

Invoke-AzHDInsightHiveJob

SYNOPSIS

Submits a Hive query to an HDInsight cluster and retrieves query results in one operation.

SYNTAX

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

DESCRIPTION

The Invoke-AzHDInsightHiveJob cmdlet submits a Hive query to an Azure HDInsight cluster and retrieves query results in one operation. Use the Use-AzHDInsightCluster

cmdlet before calling Invoke-AzHDInsightHiveJob to specify which cluster will be used for the query.

PARAMETERS

-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

-DefaultContainer <System.String>

Specifies the name of the default container in the default Azure Storage account that an HDInsight cluster uses.

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

-DefaultStorageAccountKey <System.String>

Specifies the account key for the default storage account that the HDInsight cluster uses.

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

-DefaultStorageAccountName <System.String>

Specifies the name of the default storage account that the HDInsight cluster uses.

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 when a 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 in Azure Storage that contains the query to run. 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 required for 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 a Hive job. If you do not specify this parameter, this cmdlet uses the default value: "Hive: <first 100 characters of Query>".

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>).

INPUTS

None

OUTPUTS

System.String

NOTES

- Example 1: Submit a Hive query to an Azure HDInsight cluster -

Primary storage account info

\$storageAccountResourceGroupName = "Group"

\$storageAccountName = "yourstorageacct001"

\$storageAccountKey = (Get-AzStorageAccountKey -ResourceGroupName \$storageAccountResourceGroupName -Name
\$storageAccountName)[0].value

\$storageContainer = "container001"

Cluster info

\$clusterName = "your-hadoop-001"

\$clusterCreds = Get-Credential

Hive job details

\$statusFolder = "tempStatusFolder/"

\$query = "SHOW TABLES"

Use-AzHDInsightCluster `

-ClusterCredential \$clusterCreds `

-ClusterName \$clusterName

Invoke-AzHDInsightHiveJob -StatusFolder \$statusFolder `

-Query \$query `

-DefaultContainer \$storageContainer `

-DefaultStorageAccountName "\$storageAccountName.blob.core.windows.net" `

-DefaultStorageAccountKey \$storageAccountKey

This command submits the query SHOW TABLES to the cluster named your-hadoop-001.

RELATED LINKS

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

Use-AzHDInsightCluster