



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

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

NAME

New-AzHDInsightStreamingMapReduceJobDefinition

SYNOPSIS

Creates a Streaming MapReduce job object.

SYNTAX

```
New-AzHDInsightStreamingMapReduceJobDefinition [-Arguments <System.String[]>] [-CommandEnvironment  
<System.Collections.Hashtable>] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Defines  
<System.Collections.Hashtable>] [-File <System.String>] [-Files  
<System.String[]>] -InputPath <System.String> [-Mapper <System.String>] [-OutputPath <System.String>] [-Reducer  
<System.String>] [-StatusFolder <System.String>]  
[<CommonParameters>]
```

DESCRIPTION

The New-AzHDInsightStreamingMapReduceJobDefinition cmdlet defines a Streaming MapReduce job object for use with an Azure HDInsight cluster.

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

-CommandEnvironment <System.Collections.Hashtable>

Specifies an array of command-line environment variables to set when a job runs on worker nodes.

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 a 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 associated with a Hive job.

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

-InputPath <System.String>

Specifies the path to the input files.

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

-Mapper <System.String>

Specifies a Mapper file name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-OutputPath <System.String>

Specifies the path for the job output.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Reducer <System.String>

Specifies a Reducer file name.

Required? false

Position? named

Default value None

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

Microsoft.Azure.Commands.HDInsight.Models.AzureHDInsightStreamingMapReduceJobDefinition

NOTES

---- Example 1: Create a Streaming MapReduce job definition ----

Cluster info

\$clusterName = "your-hadoop-001"

\$clusterCreds = Get-Credential

Streaming MapReduce job details

\$statusFolder = "tempStatusFolder/"

\$query = "SHOW TABLES"

```
New-AzHDInsightStreamingMapReduceJobDefinition -StatusFolder $statusFolder -File $query `
| Start-AzHDInsightJob `
    -ClusterName $clusterName `
    -ClusterCredential $clusterCreds
```

This command creates a Streaming MapReduce job definition.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.hdinsight/new-azhdinsightstreamingmapreducejobdefinition>

Start-AzHDInsightJob