



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

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

NAME

Invoke-AzSynapseSparkStatement

SYNOPSIS

Invokes a Synapse Analytics Spark statement.

SYNTAX

Invoke-AzSynapseSparkStatement [-AsJob] -Code <System.String> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Language {Spark | Scala | PySpark | Python | SparkDotNet | CSharp | SQL | Spark | Scala | PySpark | Python | SparkDotNet | CSharp | SQL} [-Response] -SessionId <System.Int32> -SparkPoolName <System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Invoke-AzSynapseSparkStatement [-AsJob] -Code <System.String> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Language {Spark | Scala | PySpark | Python | SparkDotNet | CSharp | SQL | Spark | Scala | PySpark | Python | SparkDotNet | CSharp | SQL} [-Response] [-SessionId <System.Int32>] -SessionObject

<Microsoft.Azure.Commands.Synapse.Models.PSSynapseSparkSession> [-Confirm] [-WhatIf] [<CommonParameters>]

Invoke-AzSynapseSparkStatement [-AsJob] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -FilePath

<System.String> -Language {Spark | Scala | PySpark | Python | SparkDotNet | CSharp | SQL | Spark | Scala | PySpark | Python | SparkDotNet | CSharp | SQL} [-Response]

-SessionId <System.Int32> -SparkPoolName <System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Invoke-AzSynapseSparkStatement [-AsJob] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -FilePath

<System.String> -Language {Spark | Scala | PySpark | Python | SparkDotNet | CSharp | SQL | Spark | Scala | PySpark | Python | SparkDotNet | CSharp | SQL} [-Response]

[-SessionId <System.Int32>] -SessionObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseSparkSession> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Invoke-AzSynapseSparkStatement cmdlet invokes a Synapse Analytics Spark statement.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Code <System.String>

The execution code.

Required? true
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

-FilePath <System.String>

Specifies a local file path that contains the execution code.

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

-Language <System.String>

Language of the execution code.

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

-Response <System.Management.Automation.SwitchParameter>

Indicates full response should be return.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-SessionId <System.Int32>

Identifier of Spark session.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SessionObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseSparkSession>

Spark session input object, usually passed through the pipeline.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-SparkPoolName <System.String>

Name of Synapse Spark pool.

Required? true

Position? named

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

-WorkspaceName <System.String>

Name of Synapse workspace.

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

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false
Position? named
Default value False
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

System.String

Microsoft.Azure.Commands.Synapse.Models.PSSynapseSparkSession

OUTPUTS

Microsoft.Azure.Commands.Synapse.Models.PSSynapseExtendedSparkStatement

NOTES

----- Example 1 -----

```
$session = Start-AzSynapseSparkSession -WorkspaceName ContosoWorkspace -SparkPoolName ContosoSparkPool  
-Name ContosoSessionName -ExecutorCount 3 -ExecutorSize Small  
$session.Language = 'Spark'  
$session | Invoke-AzSynapseSparkStatement -Code 'print("Hello world\n")'
```

These commands start a Spark session then invoke an inline Spark statement through pipeline.

----- Example 2 -----

```
Invoke-AzSynapseSparkStatement -SessionId 324 -Language 'Spark' -Code 'print("Hello world\n")'
```

These commands start a Spark session then invoke an inline Spark statement.

----- Example 3 -----

```
$session = Start-AzSynapseSparkSession -WorkspaceName ContosoWorkspace -SparkPoolName ContosoSparkPool  
-Name ContosoSessionName -ExecutorCount 3 -ExecutorSize Small  
$session.Language = 'Spark'  
$session | Invoke-AzSynapseSparkStatement -FilePath 'C:\path\to\code.sc'
```

These commands start a Spark session then invoke Spark statements in a file.

RELATED LINKS

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