



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

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

NAME

New-AzMLWorkspaceJob

SYNOPSIS

Creates and executes a Job.

SYNTAX

```
New-AzMLWorkspaceJob -Name <String> -ResourceGroupName <String> -WorkspaceName <String> [-SubscriptionId  
<String>] -Job <IJobBaseProperties> [-DefaultProfile  
    <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy  
<Uri>] [-ProxyCredential <PSCredential>]  
    [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

DESCRIPTION

Creates and executes a Job.

PARAMETERS

-Name <String>

The name and identifier for the Job.

This is case-sensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-WorkspaceName <String>

Name of Azure Machine Learning workspace.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

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

-Job <IJobBaseProperties>

[Required] Additional attributes of the entity.
To construct, see NOTES section for JOB properties and create a hash table.

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

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

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

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

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

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.MachineLearningServices.Models.Api20220501.IJobBase

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

JOB <IJobBaseProperties>: [Required] Additional attributes of the entity.

JobType <JobType>: [Required] Specifies the type of job.

[Description <String>]: The asset description text.

[Property <IResourceBaseProperties>]: The asset property dictionary.

[(Any) <String>]: This indicates any property can be added to this object.

[Tag <IResourceBaseTags>]: Tag dictionary. Tags can be added, removed, and updated.

[(Any) <String>]: This indicates any property can be added to this object.

[ComputeId <String>]: ARM resource ID of the compute resource.

[DisplayName <String>]: Display name of job.

[ExperimentName <String>]: The name of the experiment the job belongs to. If not set, the job is placed in the "Default" experiment.

[IdentityType <IdentityConfigurationType?>]: [Required] Specifies the type of identity framework.

[IsArchived <Boolean?>]: Is the asset archived?

[Service <IJobBaseServices>]: List of JobEndpoints. For local jobs, a job endpoint will have an endpoint value of FileStreamObject.

[(Any) <IJobService>]: This indicates any property can be added to this object.

----- EXAMPLE 1 -----

PS C:\># The job type includes CommandJob, SweepJob, PipelineJob.

You can use following command to create it then pass it as value to Job parameter of the New-AzMLWorkspaceJob cmdlet.

New-AzMLWorkspaceCommandJobObject

New-AzMLWorkspaceSweepJobObject

New-AzMLWorkspacePipelineJobObject

New-AzMLWorkspaceEnvironmentVersion -ResourceGroupName ml-rg-test -WorkspaceName mlworkspace-test01
-Name commandjobenv -Version 1 -Image "library/python:latest"

\$commandJob = New-AzMLWorkspaceCommandJobObject -Command "echo `"`hello world`"" `

-ComputeId

'/subscriptions/9e223dbe-3399-4e19-88eb-0975f02ac87f/resourceGroups/ml-rg-test/providers/Microsoft.MachineLearningServices/workspaces/mlworkspace-test01/com

putes/aml02' `

-EnvironmentId

'/subscriptions/9e223dbe-3399-4e19-88eb-0975f02ac87f/resourceGroups/ml-rg-test/providers/Microsoft.MachineLearningServices/workspaces/mlworkspace-test01

/environments/commandjobenv/versions/1`

-DisplayName 'commandjob01' -ExperimentName 'commandjobexperiment'

New-AzMLWorkspaceJob -ResourceGroupName ml-rg-test -WorkspaceName mlworkspace-test01 -Name
commandJob01 -Job \$commandJob

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.machinelearningservices/new-azmlworkspacejob>

