



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

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

NAME

New-AzMLWorkspaceComponentVersion

SYNOPSIS

Create or update version.

SYNTAX

```
New-AzMLWorkspaceComponentVersion -Name <String> -ResourceGroupName <String> -Version <String>
-WorkspaceName <String> [-SubscriptionId <String>] [-ComponentSpec
    <Hashtable>] [-Description <String>] [-IsAnonymou] [-IsArchived] [-ResourceBaseProperty <Hashtable>] [-Tag
    <Hashtable>] [-DefaultProfile <PSObject>] [-Break]
    [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
    <PSCredential>] [-ProxyUseDefaultCredentials]
    [-WhatIf] [-Confirm] [<CommonParameters>]
```

DESCRIPTION

Create or update version.

PARAMETERS

-Name <String>

Container name.

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

-Version <String>

Version identifier.

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

-ComponentSpec <Hashtable>

Defines Component definition details.<see

[href="https://learn.microsoft.com/en-us/azure/machine-learning/reference-yaml-component-command" />](https://learn.microsoft.com/en-us/azure/machine-learning/reference-yaml-component-command)

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

-Description <String>

The asset description text.

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

-IsAnonymou [<SwitchParameter>]

If the name version are system generated (anonymous registration).

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

-IsArchived [<SwitchParameter>]

Is the asset archived

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

-ResourceBaseProperty <Hashtable>

The asset property dictionary.

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

-Tag <Hashtable>

Tag dictionary.

Tags can be added, removed, and updated.

Required? false

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.IComponentVersion

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

PS C:\>\$componentHash = @{

```

"name"= "train_data_component";
    "version"= "1";
    "display_name"= "train_data";
    "is_deterministic"= "True";
    "type"= "command";

"code"=
"azureml:/subscriptions/9e223dbe-3399-4e19-88eb-0975f02ac87f/resourceGroups/ml-rg-test/providers/Microsoft.MachineLe
arningServices/workspaces/mlworkspace
-cli01/codes/e08a4be4-66c4-477b-acd7-9579fdd0a3f1/versions/1";

"environment"=
"azureml:/subscriptions/9e223dbe-3399-4e19-88eb-0975f02ac87f/resourceGroups/ml-rg-test/providers/Microsoft.MachineLe
arningServices/workspaces/mlwo
rkspace-cli01/environments/AzureML-sklearn-0.24-ubuntu18.04-py37-cpu/versions/1";
    "command"= "python train.py"
}

New-AzMLWorkspaceComponentVersion -ResourceGroupName ml-rg-test -WorkspaceName mlworkspace-cli01 -Name
componentpwsh01 -Version 1 -ComponentSpec $componentHash

```

RELATED LINKS

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