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Windows PowerShell Get-Help on Cmdlet 'Get-AzBatchTaskCount'

PS:\>Get-HELP Get-AzBatchTaskCount -Full

NAME

   Get-AzBatchTaskCount

SYNOPSIS

   Gets the task counts for the specified job.

SYNTAX

   Get-AzBatchTaskCount   [[-Job]   <Microsoft.Azure.Commands.Batch.Models.PSCloudJob>]   -BatchContext
<Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile

         <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]

         Get-AzBatchTaskCount   [-JobId]   <System.String>   -BatchContext
<Microsoft.Azure.Commands.Batch.BatchAccountContext> [-DefaultProfile

         <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]

DESCRIPTION

The Get-AzBatchTaskCount cmdlet gets the Azure Batch tasks count for a Batch job. Specify a job by either the JobId parameter or the Job parameter. Task counts

provide a count of the tasks by active, running or completed task state, and a count of tasks which succeeded or failed. Tasks in the preparing state are counted as

running. If the validationStatus is unvalidated, then the Batch service has not been able to check state counts against the task states as reported in the List Tasks

API. The validationStatus may be unvalidated if the job contains more than 200,000 tasks.

PARAMETERS

  -BatchContext <Microsoft.Azure.Commands.Batch.BatchAccountContext>

    The BatchAccountContext instance to use when interacting with the Batch service. If you use the Get-AzBatchAccount cmdlet to get your BatchAccountContext, then

    Microsoft Entra authentication will be used when interacting with the Batch service. To use shared key authentication instead, use the Get-AzBatchAccountKey

    cmdlet to get a BatchAccountContext object with its access keys populated. When using shared key authentication, the primary access key is used by default. To

    change the key to use, set the BatchAccountContext.KeyInUse property.

    Required?   true
    Position?   named
    Default value   None
    Accept pipeline input?   True (ByValue)
    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

-Job <Microsoft.Azure.Commands.Batch.Models.PSCloudJob>

Specifies the job that contains tasks that this cmdlet gets. To obtain a PSCloudJob object, use the Get-AzBatchJob cmdlet.

Required?   false

Position?   0

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-JobId <System.String>

The id of the job for which to get task counts.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

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.Batch.Models.PSCloudJob

Microsoft.Azure.Commands.Batch.BatchAccountContext

OUTPUTS

Microsoft.Azure.Commands.Batch.Models.PSTaskCounts

NOTES

--------------- Example 1: Get task counts by ID ---------------

Get-AzBatchTaskCount -JobId "Job01" -BatchContext $Context

Active   : 1

Completed   : 0

Failed   : 0

Running   : 1

Succeeded   : 5

ValidationStatus   : Validated

This command gets the task counts for job Job01. Use the Get-AzBatchAccountKey cmdlet to assign a context to the $Context variable.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.batch/get-azbatchtaskcount

Get-AzBatchAccountKey

Get-AzBatchJob

Azure Batch Cmdlets