



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

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

NAME

New-AzBatchResourceFile

SYNOPSIS

Creates a Resource File for usage by `New-AzBatchTask`.

SYNTAX

```
New-AzBatchResourceFile -AutoStorageContainerName <System.String> [-BlobPrefix <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-FileMode
    <System.String>] [-FilePath <System.String>] [<CommonParameters>]
```

```

        New-AzBatchResourceFile          [-BlobPrefix          <System.String>]          [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
        [-FileMode <System.String>] [-FilePath <System.String>] -StorageContainerUrl <System.String> [<CommonParameters>]
```

```

        New-AzBatchResourceFile          [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]          [-FileMode
    <System.String>]
        -FilePath <System.String> -HttpUrl <System.String> [<CommonParameters>]
```

DESCRIPTION

Creates a Resource File for usage by `New-AzBatchTask`.

PARAMETERS

`-AutoStorageContainerName <System.String>`

The storage container name in the auto storage account.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-BlobPrefix <System.String>`

Gets the blob prefix to use when downloading blobs from an Azure Storage container. Only the blobs whose names begin with the specified prefix will be downloaded.

This prefix can be a partial filename or a subdirectory. If a prefix is not specified, all the files in the container will be downloaded.

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

-FileMode <System.String>

Gets the file permission mode attribute in octal format. This property is applicable only if the resource file is downloaded to a Linux node. If this property is not specified for a Linux node, then the default value is 0770.

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

-FilePath <System.String>

The location on the compute node to which to download the file(s), relative to the task's working directory. If the `HttpUrl` parameter is specified, the `FilePath` is required and describes the path which the file will be downloaded to, including the filename. Otherwise, if the `AutoStorageContainerName` or `StorageContainerUrl` parameters are specified, `FilePath` is optional and is the directory to download the files to. In the case where `FilePath` is used as a directory, any directory structure already associated with the input data will be retained in full and appended to the specified `FilePath` directory. The specified relative path cannot break out of the task's working directory (for example by using '..').

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

-HttpUrl <System.String>

The URL of the file to download. If the URL is Azure Blob Storage, it must be readable using anonymous access; that is, the Batch service does not present any credentials when downloading the blob. There are two ways to get such a URL for a blob in Azure storage: include a Shared Access Signature (SAS) granting read permissions on the blob, or set the ACL for the blob or its container to allow public access.

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

-StorageContainerUrl <System.String>

The URL of the blob container within Azure Blob Storage. This URL must be readable and listable using anonymous access; that is, the Batch service does not present any credentials when downloading blobs from the container. There are two ways to get such a URL for a container in Azure storage: include a Shared Access Signature (SAS) granting read permissions on the container, or set the ACL for the container to allow public access.

Required?	true
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

OUTPUTS

Microsoft.Azure.Commands.Batch.Models.PSResourceFile

NOTES

Example 1: Create a resource file from an HTTP URL pointing at a single file

```
$file = New-AzBatchResourceFile -HttpUrl "https://testacct.blob.core.windows.net/" -FilePath "file1"
```

```
New-AzBatchTask -JobId "Job-000001" -Id "Task23" -CommandLine "cmd /c dir /s" -ResourceFiles $file -BatchContext  
$Context
```

Creates a `PSResourceFile` referencing an HTTP url.

Example 2: Create a resource file from an Azure Storage container URL

```
$file = New-AzBatchResourceFile -StorageContainerUrl "https://testacct.blob.core.windows.net/mycontainer" -FilePath  
"myfolder"
```

```
New-AzBatchTask -JobId "Job-000001" -Id "Task23" -CommandLine "cmd /c dir /s" -ResourceFiles $file -BatchContext  
$Context
```

Creates a `PSResourceFile` referencing an Azure Storage container URL. All files in the container will be downloaded to the specified folder.

Example 3: Create a resource file from an Auto Storage container name

```
$file = New-AzBatchResourceFile -AutoStorageContainerName "mycontainer" -FilePath "myfolder"
```

```
New-AzBatchTask -JobId "Job-000001" -Id "Task23" -CommandLine "cmd /c dir /s" -ResourceFiles $file -BatchContext  
$Context
```

Creates a `PSResourceFile` referencing an Auto Storage container name. All files in the container will be downloaded to the specified folder.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.batch/new-azbatchresourcefile>

New-AzBatchTask