



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

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

NAME

Invoke-ProcessTable

SYNOPSIS

Conducts the Process operation on a specified Table with a specific RefreshType.

SYNTAX

Invoke-ProcessTable [-DatabaseName] <String> [-TableName] <String> [-RefreshType] {Full | ClearValues | Calculate | DataOnly | Automatic | Add | Defragment}

[-ApplicationId <String>] [-CertificateThumbprint <String>] [-Credential <PSCredential>] [-ProgressAction <ActionPreference>] [-Server <String>] [-ServicePrincipal] [-TenantId <String>] [-Confirm] [-WhatIf] [<CommonParameters>]

Invoke-ProcessTable [-RefreshType] {Full | ClearValues | Calculate | DataOnly | Automatic | Add | Defragment} [-ApplicationId <String>] [-CertificateThumbprint <String>] [-Credential <PSCredential>] [-ProgressAction <ActionPreference>] [-Server <String>] [-ServicePrincipal] [-Table <Table>] [-TenantId <String>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Conducts the Process operation on a specified Table with a specific RefreshType.

> `Module requirements: version 21+ on PowerShell 5.1; version 21 (recent preview) or version 22+ on PowerShell 7.x.`

PARAMETERS

-ApplicationId <String>

The application Id for the service principal.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-CertificateThumbprint <String>

The certificate thumbprint for the service principal.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Credential <PSCredential>

If this parameter is specified, the user name and password passed will be used to connect to specified Analysis Server instance.

If no credentials are specified default windows account of the user who is running the tool will be used.

Required? false

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

-DatabaseName <String>

Database name to which the cube belongs to.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ProgressAction <ActionPreference>

Determines how PowerShell responds to progress updates generated by a script, cmdlet, or provider, such as the progress bars generated by the Write-Progress cmdlet. The Write-Progress cmdlet creates progress bars that show a command's status.

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

-RefreshType <RefreshType>

Microsoft.AnalysisServices.Tabular.RefreshType to process the partition with.

Required? true
Position? 2
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Server <String>

Optionally specifies the server instance to connect to if not currently in the SQLAS Provider directory.

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

-ServicePrincipal [<SwitchParameter>]

Specifies that this connection is using service principal.

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

-Table <Table>

Microsoft.AnalysisServices.Tabular.Table object that is to be processed.

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

-TableName <String>

Name of the table to which the partition belongs that has to be processed.

Required?	true
Position?	1

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

-TenantId <String>

The tenant Id for the service principal.

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

-Confirm [<SwitchParameter>]

Include this parameter to interactively confirm the operation with a Yes or No response before it's executed.

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

-WhatIf [<SwitchParameter>]

Include this parameter to get information about the impact of the operation before it's executed.

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

Microsoft.AnalysisServices.Tabular.Table

OUTPUTS

NOTES

Only supported on tabular databases with compatibility level 1200 or higher.

----- Process tabular metadata table -----

```
PS SQLSERVER:\SQLAS\MachineName\Instance\Databases\DB1> Invoke-ProcessTable -TableName "myTable"  
-Database "DB1" -RefreshType Full
```

---- Process tabular metadata table using enum refresh type ----

```
PS SQLSERVER:\SQLAS\MachineName\Instance\Databases\DB1> Invoke-ProcessTable -TableName "myTable"  
-Database "DB1" -RefreshType Full
```

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/sqlserver/invoke-processtable>

