



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

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

NAME

New-AzCosmosDBSqlIndexingPolicy

SYNOPSIS

Creates a new CosmosDB Sql IndexingPolicy object.

SYNTAX

```
New-AzCosmosDBSqlIndexingPolicy [-Automatic <System.Nullable`1[System.Boolean]>] [-CompositePath
<Microsoft.Azure.Commands.CosmosDB.Models.PSCompositePath[]>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-ExcludedPath <System.String[]>] [-IncludedPath
<Microsoft.Azure.Commands.CosmosDB.Models.PSIncludedPath[]>] [-IndexingMode <System.String>] [-SpatialSpec
<Microsoft.Azure.Commands.CosmosDB.Models.PSSpatialSpec[]>]
[<CommonParameters>]
```

DESCRIPTION

The New-AzCosmosDBSqlIndexingPolicy cmdlet creates a new object of type PSSqlIndexingPolicy.

PARAMETERS

-Automatic <System.Nullable`1[System.Boolean]>

Bool to indicate if the indexing policy is automatic

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-CompositePath <Microsoft.Azure.Commands.CosmosDB.Models.PSCompositePath[]>

Array of array of objects of type Microsoft.Azure.Commands.CosmosDB.PSCompositePath

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

-ExcludedPath <System.String[]>

Array of strings containing excludedPath(Specifies a path within a JSON document to be excluded in the Azure Cosmos DB service.) elements.

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

-IncludedPath <Microsoft.Azure.Commands.CosmosDB.Models.PSIncludedPath[]>

Array of strings containing includedPath (Specifies a path within a JSON document to be included in the Azure Cosmos DB service.) elements.

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

-IndexingMode <System.String>

indicates the indexing mode. Possible values include: 'Consistent', 'Lazy', 'None'

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

-SpatialSpec <Microsoft.Azure.Commands.CosmosDB.Models.PSSpatialSpec[]>

Array of objects of type Microsoft.Azure.Commands.CosmosDB.PSSpatialSpec

Required? false
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>).

INPUTS

None

OUTPUTS

Microsoft.Azure.Commands.CosmosDB.Models.PSSqlIndexingPolicy

NOTES

----- Example 1 -----

```
$ipath1 = New-AzCosmosDBSqlIncludedPathIndex -DataType String -Precision -1 -Kind Hash
```

```
$ipath2 = New-AzCosmosDBSqlIncludedPathIndex -DataType String -Precision -1 -Kind Hash
```

```
$IncludedPath = New-AzCosmosDBSqlIncludedPath -Path "/" -Index $ipath1, $ipath2
```

```
$SpatialSpec = New-AzCosmosDBSqlSpatialSpec -Path "/mySpatialPath/*" -Type "Point", "LineString", "Polygon",  
"MultiPolygon"
```

```
$cp1 = New-AzCosmosDBSqlCompositePath -Path "/abc" -Order Ascending
```

```
$cp2 = New-AzCosmosDBSqlCompositePath -Path "/aberc" -Order Descending
```

```
$compositePath = (($cp1, $cp2), ($cp2, $cp1))
```

```
New-AzCosmosDBSqlIndexingPolicy -IncludedPath $IncludedPath -SpatialSpec $SpatialSpec -CompositePath $compositePath
```

\$compositePath -ExcludedPath "/myPathToNotIndex/*" -Automatic 1

-IndexingMode Consistent

Automatic : True

IndexingMode : Consistent

IncludedPaths : {Microsoft.Azure.Commands.CosmosDB.Models.PSIncludedPath}

ExcludedPaths : {Microsoft.Azure.Commands.CosmosDB.Models.PSExcludedPath}

CompositeIndexes : {Microsoft.Azure.Commands.CosmosDB.Models.PSCompositePath

Microsoft.Azure.Commands.CosmosDB.Models.PSCompositePath,

Microsoft.Azure.Commands.CosmosDB.Models.PSCompositePath

Microsoft.Azure.Commands.CosmosDB.Models.PSCompositePath}

SpatialIndexes : {Microsoft.Azure.Commands.CosmosDB.Models.PSSpatialSpec}

RELATED LINKS

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