PowerShell Get-Help on command 'Export-ODataEndpointProxy'

PS C:\Users\wahid> Get-Help Export-ODataEndpointProxy

NAME

　　Export-ODataEndpointProxy

SYNOPSIS

　　Generates a module that contains cmdlets to manage an OData endpoint.

SYNTAX

　　Export-ODataEndpointProxy [-Uri] <System.String> [-OutputModule]

　　<System.String> [[-AllowClobber]] [[-AllowUnsecureConnection]] [[-Headers]

　　<System.Collections.Hashtable>] [[-MetadataUri] <System.String>]

　　[[-Credential] <System.Management.Automation.PSCredential>]

　　[[-CreateRequestMethod] {Put | Post | Patch}] [[-UpdateRequestMethod] {Put |

　　Post | Patch}] [[-CmdletAdapter] {ODataAdapter | NetworkControllerAdapter |

　　ODataV4Adapter}] [[-ResourceNameMapping] <System.Collections.Hashtable>]

　　[[-Force]] [[-CustomData] <System.Collections.Hashtable>] [-Confirm] [-WhatIf]

　　[<CommonParameters>]

DESCRIPTION

　　The `Export-ODataEndpointProxy` cmdlet uses the metadata of an OData endpoint

to generate a module that contains cmdlets you can use to manage that OData endpoint. The module is based on CDXML. After this cmdlet generates the module, it saves that module to the path and file name specified by the OutputModule parameter.

`Export-ODataEndpointProxy` generates cmdlets for create, read, update, and delete (CRUD) operations, non-CRUD actions, and association manipulation.

`Export-ODataEndpointProxy` generates one CDXML file per endpoint resource. You can edit these CDXML files after the module is generated. For example, if you want to change the noun or verb names of the cmdlets to align with Windows PowerShell cmdlet naming guidelines, you can modify the file.

Every cmdlet in a generated module must include a ConnectionURI parameter in order to connect to the endpoint that the module manages.

PARAMETERS
  -AllowClobber <System.Management.Automation.SwitchParameter>
    Indicates that this cmdlet replaces an existing module.

  -AllowUnsecureConnection <System.Management.Automation.SwitchParameter>
    Indicates that this module can connect to URIs that are not SSL-secured.
    The module can manage HTTP sites in addition to HTTPS sites.

  -CmdletAdapter <System.String>
    Specifies the cmdlet adapter. The acceptable values for this parameter
    are: ODataAdapter and NetworkControllerAdapter.

  -CreateRequestMethod <System.String>
    Specifies the request method. The acceptable values for this parameter
    are: PUT, POST, and PATCH.

-Credential <System.Management.Automation.PSCredential>

    Specifies a user account that has access to the OData endpoint. The

    default value is the current user. If a remote computer runs Windows Vista

    or a later release of the Windows operating system, the cmdlet prompts you

    for credentials.

-CustomData <System.Collections.Hashtable>

    Specifies a hash table of custom data.

-Force <System.Management.Automation.SwitchParameter>

    Indicates that this cmdlet overwrites an existing generated module of the

    same name in an existing `Modules` folder.

-Headers <System.Collections.Hashtable>

    Specifies the headers of the web request. Enter a hash table or dictionary.

-MetadataUri <System.String>

    Specifies the URI of the metadata of the endpoint.

-OutputModule <System.String>

    Specifies the path and module name to which this cmdlet saves the

    generated module of proxy commands.

    This cmdlet copies a binary module, module manifest, and formatting file,

    if applicable, to the specified folder. If you specify only the name of

    the module, `Export-ODataEndpointProxy` saves the module in the

    `$HOME\Documents\WindowsPowerShell\Modules` folder. If you specify a path,

    the cmdlet creates the module folder in that path.

-ResourceNameMapping <System.Collections.Hashtable>

    Specifies a hashtable that contains mappings that let you customize the

    generated cmdlets. In this hashtable, the resource collection name is the

    key. The desired cmdlet noun is the value.

For example, in the hash table `@{Products = 'Merchandise'}`, Products is
the resource collection name that serves as the key. Merchandise is the
resulting cmdlet noun. The generated cmdlet names might not align to
Windows PowerShell cmdlet naming guidelines. You can modify the resource
CDXML file to change the cmdlet names after this cmdlet creates the
module. For more information, see Strongly Encouraged Development
Guidelines (/powershell/scripting/developer/cmdlet/strongly-encouraged-deve
lopment-guidelines).

-UpdateRequestMethod <System.String>

Specifies the update request method. The acceptable values for this
parameter are: PUT, POST, and PATCH.

-Uri <System.String>

Specifies the URI of the endpoint.

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

<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).

Example 1: Generate a module to manage a retail web service endpoint

PS C:\> Export-ODataEndpointProxy -Uri
'http://services.odata.org/v3/(S(snyobsk1hhutkb2yulwldgf1))/odata/odata.svc'

-MetadataUri 'http://services.odata.org/v3/(S(snyobsk1hhutkb2yulwldgf1))/odata/
odata.svc/$metadata' -AllowUnsecureConnection -OutputModule
'C:\Users\user\GeneratedScript.psm1' -ResourceNameMapping @{Products =
'Merchandise'}

This command generates a module to manage a retail service endpoint. The

command specifies the URI of the endpoint and the URI of the endpoint

metadata. The command also provides an output path and script module name as

the value of the OutputModule parameter. For the value of the

ResourceNameMapping parameter, the command provides a hashtable that maps the

resource collection name to the desired noun for the cmdlet set. In this

example, Products is the resource collection name and Merchandise is the noun.

To allow connections to non-SSL sites, HTTP, as opposed to HTTPS, add the

AllowUnsecureConnection parameter.

REMARKS

To see the examples, type: "get-help Export-ODataEndpointProxy -examples".

For more information, type: "get-help Export-ODataEndpointProxy -detailed".

For technical information, type: "get-help Export-ODataEndpointProxy -full".

For online help, type: "get-help Export-ODataEndpointProxy -online"