# Office AMS: SharePoint Designer settings

|  |  |
| --- | --- |
| Summary: | Applies to: |
| This sample shows how modify SharePoint Designer Settings using CSOM | * Office 365 Multi Tenant (MT) * Office 365 Dedicated (D) * SharePoint 2013 on-premises |
| Solution: | Core.SPD, version 1.1 |
| Author: | Vesa Juvonen, Bert Jansen, Frank Marasco (Microsoft) |
| //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  // THIS CODE IS PROVIDED \*AS IS\* WITHOUT WARRANTY OF  // ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING ANY  // IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR  // PURPOSE, MERCHANTABILITY, OR NON-INFRINGEMENT.  //\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* | |

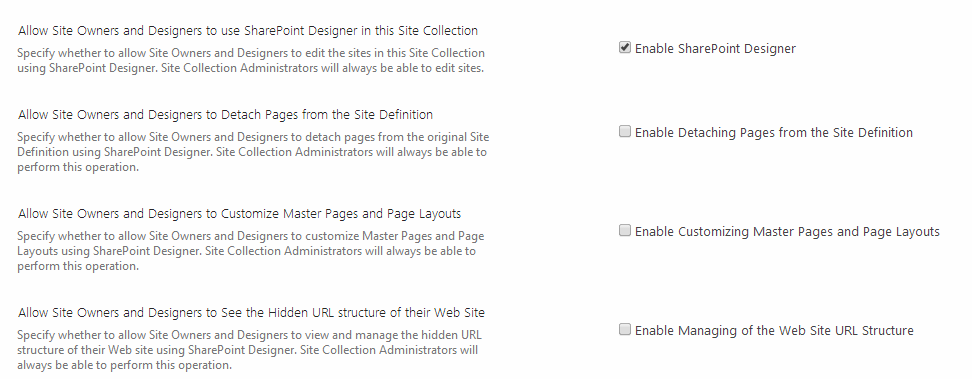
# Introduction

Maybe you have been getting complaints lately about the ability to use SharePoint Designer (SPD) in an enterprise SharePoint environment or you governance policy prohibits the use of SPD in your SharePoint environment either on-premises or in the Cloud. This sample shows patterns on how to disable the SharePoint Designer Settings using CSOM You can then take this sample and implement a Timer Job like solution that would apply these settings. See Office AMS sample Core.SimpleTimerJob for additional information.

# SCENARIO 1 CONSOLE APPLICATION

This scenario is implemented as a console application that programmatically sets the SharePoint Designer settings using CSOM for your targeted site collection.

Note: Site Collection administrators, can still enable this setting.



# DISABLE DESIGNER

/// <summary>

/// This method will disable SharePoint designer you must be a site collection administrator to perform this action

/// A UnauthorizedAccessException is thrown when attempting to set the property if either the user is not a Site Collection administrator or the setting is disabled at the

/// web application level.

/// Site Collection Administrators will always be able to edit sites.

/// </summary>

/// <param name="ctx"></param>

public static void DisableDesigner(ClientContext ctx)

{

try

{

Site \_site = ctx.Site;

ctx.Load(\_site);

//Allow Site Owners and Designers to use SharePoint Designer in this Site Collection

\_site.AllowDesigner = false;

//Allow Site Owners and Designers to Customize Master Pages and Page Layouts

\_site.AllowMasterPageEditing = false;

//Allow Site Owners and Designers to Detach Pages from the Site Definition

\_site.AllowRevertFromTemplate = false;

//Allow Site Owners and Designers to See the Hidden URL structure of their Web Site

\_site.ShowUrlStructure = false;

ctx.ExecuteQuery();

}

catch

{

throw;

}

}

}

# Enable DESIGNER

/// <summary>

/// This method will Enable SharePoint designer you must be a site collection administrator to perform this action

/// A UnauthorizedAccessException is thrown when attempting to set the property if either the user is not a Site Collection administrator or the setting is disabled at the

/// web application level.

/// Site Collection Administrators will always be able to edit sites.

/// </summary>

/// <param name="ctx"></param>

public static void EnableDesigner(ClientContext ctx)

{

try

{

Site \_site = ctx.Site;

ctx.Load(\_site);

\_site.AllowDesigner = true;

\_site.AllowMasterPageEditing = true;

\_site.AllowRevertFromTemplate = true;

\_site.ShowUrlStructure = true;

ctx.ExecuteQuery();

}

catch

{

throw;

}

}

# SCENARIO 2 Hide “Designer settings”

In the old days, we would use Full Trust code and the HideCustomAction element to remove the “SharePoint Designer Settings” on the setting page. In present times, how can you hide the element using the Cloud App Model? We use the JavaScript injection pattern to hide the item. Just like using the HideCustomAction approach, a user with the appropriate permissions can still navigate to the page and change the settings.

Note: See AMS Sample, Core.JavaScriptInjection for additional information.

|  |  |
| --- | --- |
| Before | After |
|  |  |