using Microsoft.SharePoint.Client;

using OfficeDevPnP.Core.Pages;

using System.Security;

namespace ModernPages

{

class Program

{

static void Main(string[] args)

{

using (ClientContext context = new ClientContext("https://abcd.sharepoint.com/sites/modernteamsite"))

{

context.Credentials = new SharePointOnlineCredentials("abcd@abcd.onmicrosoft.com", ConvertToSecureString("abcd"));

//Load the page

OfficeDevPnP.Core.Pages.ClientSidePage np = OfficeDevPnP.Core.Pages.ClientSidePage.Load(context, "home.aspx");

CanvasControl ctrl = null;

//Loop through the controls

foreach (var control in np.Controls)

{

//Cast to clientsidewebpart to match the webpart id

if (((ClientSideWebPart)control).WebPartId == "31e9537e-f9dc-40a4-8834-0e3b7df418bc") //Yammer webpart.

{

ctrl = control;

break;

}

}

var wp = (ClientSideWebPart)ctrl;

//get the webpart properties

var prop = wp.PropertiesJson;

//get the zone details where the webpart is placed

var column = wp.Column;

//remove the webpart from the page

np.Controls.Remove(ctrl);

np.Save();

// get the clienside webpart

ClientSideWebPart yammWp = np.InstantiateDefaultWebPart(DefaultClientSideWebParts.YammerEmbed);

//set the properties previously read from the webpart

yammWp.PropertiesJson = prop;

//add webpart to the page

np.AddControl(yammWp, column);

//save and publish the page

np.Save();

np.Publish();

}

}

private static SecureString ConvertToSecureString(string str)

{

SecureString scr = new SecureString();

foreach (char pass in str)

{

scr.AppendChar(pass);

}

return scr;

}

}

}