# How to enable Twitter feed in Ourspace with IE11

# Background

To embed a twitter feed into a web page need to embed the following code in the page

<a class="twitter-timeline" href="https://twitter.com/AWP\_RD" data-widget-id="402376709820796928">AWP R&D Tweets</a>

<script>!function(d,s,id){var js,fjs=d.getElementsByTagName(s)[0],p=/^http:/.test(d.location)?'http':'https';if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src=p+"://platform.twitter.com/widgets.js";fjs.parentNode.insertBefore(js,fjs);}}(document,"script","twitter-wjs");</script>

# Issue

Unfortunately this does not work with Ourspace web pages.

# Analysis

The fix documented [here](https://www.koskila.net/how-to-fix-twitter-embed-in-sharepoint/) does not work. The problem is caused by the <meta http-equiv="X-UA-Compatible" content="IE=10"> in the SharePoint master page and the JavaScript work-around does not fix this.

The twitter feed works correctly if the Master Page is changed to content="IE=Edge" but this change, if applied globally, may well break some behaviour in SharePoint.

Note: Only the first http-equiv="X-UA-Compatible" directive is interpreted by IE11, subsequent directives are ignored. (Testing shows this appears to be the reason why the JavaScript workaround setting the User-Agent before loading twitter code does not work.)

Attempting to move http-equiv directive into the PlaceHolderAdditionalPageHead and then override with the Edge directive in the HomePage page layout does not appear to be a workable solution because:

1. SharePoint reinserts the http-equiv directive when converting the html master page to the .master page (this could be circumvented by breaking the link but would make editing the master page mode difficult)
2. The recommendation is to ensure that the http-equiv="X-UA-Compatible" is as soon as possible in the html page, moving it to the PlaceHolderAdditionalPageHead section may cause performance issues because it triggers another page build by the browser.

# Resolution

The solution is to create a new master page – called *oslo-Edge.master* - and modify the HomePage where the twitter feed is embedded to use this master page.

NOTE: The *oslo-Edge.master* page will only be used by the HomePage and can therefore include other Home Page specific mods e.g. it can have the banner images above the top navigation (instead of moving the images using JavaScript). It should perhaps be renamed to something to reflect this fact!

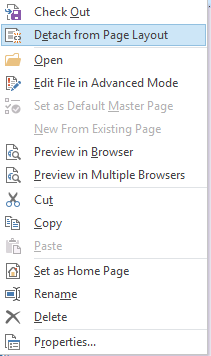
## Master Page

Change to master page is simply to update the <meta http-equiv="X-UA-Compatible" content="IE=10"> directive to <meta http-equiv="X-UA-Compatible" content="IE=Edge">

## New Home Page

The Home Page needs to be edited in SharePoint designer to ensure it uses the *oslo-Edge* master page. The steps to do that are documented in this [article](https://knytesh.com/2015/05/21/assign-master-page-via-page-layout-to-only-a-single-specific-page/) and shown below for completeness.

* Design page contents using the correct Page Layout and add the twitter feed code snippet (can use script editor web part)
* Publish the page
* Open the site in SPD and navigate to the Pages library
* Right click on the .aspx file and detach from page layout



* Edit the file in Advanced mode and make the changes documented in the article in particular:

Delete this line



Delete this line

<%@Page language="C#" Inherits="Microsoft.SharePoint.Publishing.PublishingLayoutPage, Microsoft.SharePoint.Publishing, Version=16.0.0.0, Culture=neutral, PublicKeyToken=71e9bce111e9429c" meta:webpartpageexpansion="full" meta:progid="SharePoint.WebPartPage.Document" %>

And replace with:

<%@ Page language="C#" MasterPageFile="/\_catalogs/masterpage/oslo-Edge.master" Inherits="Microsoft.SharePoint.WebPartPages.WebPartPage,Microsoft.SharePoint,Version=16.0.0.0,Culture=neutral,PublicKeyToken=71e9bce111e9429c" meta:progid="SharePoint.WebPartPage.Document" meta:webpartpageexpansion="full" %>

# Resources

Tested and implemented on UAT

Master Page oslo-Edge.html [here](oslo-Edge.html)

Working HomeDemoWithTwitter.aspx [here](HomeDemoWithTwitter.aspx)