Sage 300 Web Screens SDK

JQuery Notes for 1.11.3 to 3.4.1

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1. Overview

This document is intended to inform third party developers of changes that might need to be made arising from the upgrade of JQuery from 1.11.3 to 3.4.1.

For a detailed list of the changes, please refer to the official JQuery sites:

* <https://api.jquery.com/category/deprecated/>
* <https://api.jquery.com/category/removed/>

1. Changes

While changes are unlikely since most of the changes have been made in the Sage 300 Web Screen Framework, there are situations depending upon the depth of JQuery usage where these are relevant.

* 1. jQuery.browser()

Instead of using this function, use the functions found in the Sage 300 Global.js file:

* sg.utls.isInternetExplorer()
* sg.utls.isMozillaFirefox()
* sg.utls.isChrome()
* sh.utls.IsSafari()
  1. jQuery.unload()

Replace this function with .on(“unload”, *handler*)

* 1. jQuery.live()

Replace this function with $(document).on(*events*, *selector*, *data*, *handler*)

**Example**

$( "a.offsite" ).live( "click", function() {

alert( "Goodbye!" );

});

**Change to**

$( document ).on( "click", "a.offsite", function() {

alert( "Goodbye!" );

});

For more information, please refer to the following link: <https://api.jquery.com/live/>

* 1. $.context

Replace this syntax with $(“#*someId*”)[0]

* 1. $.selector

Replace this syntax with $(“#*someId*”)[0].id

* 1. $.attr(‘checked’)

Replace this syntax with $(“#someId”).prop.(‘checked’)

* 1. $.attr(‘value’)

Replace this syntax with $(“#someId”).val()

* 1. $.parseJSON(*string*)

Replace this syntax with JSON.parse(*string*)

The string parameter cannot be an empty or null string, or an exception will be thrown

* 1. $(function(){yourInitFunction()})

This syntax translates into “yourInitFunction” will run once the page DOM is ready or is loaded.

This is important when loading drill down pages or popups.

It would be incorrect to assume that “yourInitFunction” is called immediately after loading the DOM. Check to ensure that the DOM is done loading or manually invoke the function.

1. Warnings for Deprecated Functions

Migrating to JQuery 3.4.1 leveraged the jquery-migrate-3.1.0.js file, which allows developers to continue to use deprecated functions.

Not all deprecated functions in this upgrade were replaced with current functions.

It is best practice to use the newer/replacement functions instead of deprecated one.

In addition to the functions already listed in this document, the following deprecated functions and their replacements are listed.

* 1. $(selector).hover(inFunction, outFunction)

Replace syntax with .on(“mouseenter”, inFunction).on(“mouseleave”, outFunction)

* 1. $(selector).delegate(childSelector, event, data, function)

Replace syntax with .on(…)

* 1. $(selector).load()

Replace syntax with .on(“load”, *handler*)