Sage 300 Web Screens SDK

2018.2 Source Code Upgrades

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1. Overview

The JavaScript is now bundled via a different method in the *BundleRegistration.cs* file due to the minification of the JavaScript files in the Sage 300 application. This source code change is **automatically** performed by the Sage 300 2018.2 Upgrade Wizard.

The JavaScript in the *…Behaviour.js* file was not performing a **Get** of the record selected by the Finder and can result in a partner’s business view logic incorrectly treating an existing record as a new record. This behavior is only evident if a partner’s business view performs initializations and/or events when a new record is saved. This source code change must be **manually** performed by the partner, *if required by the partner as not all partners leverage this functionality in their business views*, since the Upgrade Wizard is unable to automatically make this change as manual changes will likely have been made to the JavaScript file after it has been generated by the Code Generation Wizard.

The following sections detail the change performed by the Upgrade Wizard and the change that must be optionally made since it was unable to be performed by the Upgrade Wizard.

1. BundleRegistration.cs

This change is performed automatically by the Upgrade Wizard

* **File(s) affected**

…BundleRegistration.cs

* **Description**

Change the reference from **ScriptBundle** to **Bundle** to support minified JavaScript files.

* **Code snippet before the change**

|  |
| --- |
| /// <summary>  /// Class for bundle registration  /// </summary>  internal static class BundleRegistration  {  /// <summary>  /// Register bundles  /// </summary>  /// <param name="bundles"></param>  internal static void RegisterBundles(BundleCollection bundles)  {  #region PaymentCodes  bundles.Add(new ScriptBundle("~/bundles/TrustedVendorPMPaymentCodes").Include(  "~/Areas/PM/Scripts/PaymentCodes/TrustedVendor.PM.PaymentCodesBehaviour.js",  "~/Areas/PM/Scripts/PaymentCodes/TrustedVendor.PM.PaymentCodesKoExtn.js",  "~/Areas/PM/Scripts/PaymentCodes/TrustedVendor.PM.PaymentCodesRepository.js",  "~/Areas/Core/Scripts/Process/Sage.CA.SBS.Sage300.Common.Process.js"));  #endregion  }  } |

* **Code snippet after the change**

|  |
| --- |
| /// <summary>  /// Class for bundle registration  /// </summary>  internal static class BundleRegistration  {  /// <summary>  /// Register bundles  /// </summary>  /// <param name="bundles"></param>  internal static void RegisterBundles(BundleCollection bundles)  {  #region PaymentCodes  bundles.Add(new Bundle("~/bundles/TrustedVendorPMPaymentCodes").Include(  "~/Areas/PM/Scripts/PaymentCodes/TrustedVendor.PM.PaymentCodesBehaviour.js",  "~/Areas/PM/Scripts/PaymentCodes/TrustedVendor.PM.PaymentCodesKoExtn.js",  "~/Areas/PM/Scripts/PaymentCodes/TrustedVendor.PM.PaymentCodesRepository.js",  "~/Areas/Core/Scripts/Process/Sage.CA.SBS.Sage300.Common.Process.js"));  #endregion  }  } |

1. Behaviour.js

This change is **optional** and must be **manually** performed if required by the partner.

This change only affects Flat Code Type screens as currently this is the only JavaScript files generated by the Code Generation Wizard.

* **File(s) affected**

…\Areas\{*Module*}\Scripts\{ScreenName}\...Behaviour.js

* **Description**

The JavaScript in the …Behaviour.js file was not performing a **Get** of the record selected by the Finder and can result in a partner’s business view logic incorrectly treating an existing record as a new record. This behavior is only evident if a partner’s business view performs initializations and/or events when a new record is saved.

* **Code snippet before the change**

|  |
| --- |
| setFinderData: function () {  var data = sourceCodeUI.finderData;  sg.utls.clearValidations("frmSourceCode");  ~~ko.mapping.fromJS(data, {}, model Data);~~  sourceCodeUI.finderData = null;  ~~modelData.UIMode(sg.utls.OperationMode.SAVE);~~  ~~sourceCodeUI.sourceCodeModel.isModelDirty.reset();~~  ~~sourceCodeUISuccess.setkey();~~  }, |

* **Code snippet after the change**

|  |
| --- |
| setFinderData: function () {  var data = sourceCodeUI.finderData;  sg.utls.clearValidations("frmSourceCode");  sourceCodeUI.finderData = null;  sourceCodeRepository.get(data.SourceLedger, sourceCodeUISuccess.get);  }, |