Sage 300 Web Screens SDK

2018.2 Customization Upgrade

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1. Overview

In Sage 300 2018.2, a change was made to the way JavaScript is bundled in the BundleRegistration.cs file. This step is handled automatically by the Sage 300 2018.2 Upgrade Wizard. The following section will detail the exact changes that are made.

In Sage 300 2018.2, a couple of changes were made to the source code as follows:

* Bundling of javascript has changed in the BundleRegistration.cs file. This step is handled automatically by the Sage 300 2018.2 Upgrade Wizard. Please see: “**2. Modify {Namespace.Web}\BundleRegistration.cs**” for more details on what has been changed.
* The …Behaviour.js file, on successful return from a finder selection, was not performing a **Get** to get the record from the repository and instead used the object returned from the finder. The record returned from the finder is out-of-process and needs to be fetched by the screen. Changes to partner code are only required if a partner’s business view has logic regarding a new record which was incorrectly being invoked by an existing record that “looked like” a new record. This has been corrected. Please see: “**3. Modify …Behaviour.js**” for more details on what needs to be changed.

1. Modify {Namespace.Web}\BundleRegistration.cs

* **Files affected**

{Namespace.Web}\BundleRegistration.cs

* **Description**

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

* **Before 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  }  } |

* **After 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. Modify …Behaviour.js

* **Files affected**

{Namespace.Web}\Areas\{ModuleID}\Scripts\{ModuleName}\{CompanyName}.{ModuleID}.{ModuleName}Behaviour.js

* **Description**

the …Behaviour.js file, on successful return from a finder selection, was not performing a Get to get the record from the repository and instead used the object returned from the finder. The record returned from the finder is out-of-process and needs to be fetched by the screen. Changes to partner code are only required if a partner’s business view has logic regarding a new record which was incorrectly being invoked by an existing record that “looked like” a new record. This has been corrected. The following shows the previous routine from the Source Code Sample and the new routine:

* **Before 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();~~  }, |

* **After Change**

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