Sitefinity eCommerce Powerpack

V1.0.0

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This document covers documentation for the Sitefinity eCommerce Powerpack v1.0.0

Contents

eCommerce Products Rating and Review

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Requirements

- ✓ Sitefinity 5.x
- ✓ jQuery
- ✓ eCommerce Module installed

Installing the module

The Ratings and Reviews module is based off the module builder so installation of the module itself is as easy as importing the exported module builder package.

1. Navigate to Administration > Module Builder and Select "Import a module"
2. Find the "Ratings and Reviews.zip" file that came with your NuGet package located in your project folder under /Custom/eCommerce/Modules.
3. When the upload is complete you should now see the module in the Module builder list.
4. Select "Actions" > "Activate" to activate the module.

Installing the widgets

The Ratings and Reviews widgets are located in your NuGet package. From the root of your project directory you can find them in /Custom/eCommerce/Frontend/Reviews/Controls. They consist of two widgets and one non-widget control used in the product's template.

Install using Thunder

With the widgets in your project directory:

1. Open visual studio and select your project in the Solution explorer. The Sitefinity Thunder option should appear above. Click the Thunder option.
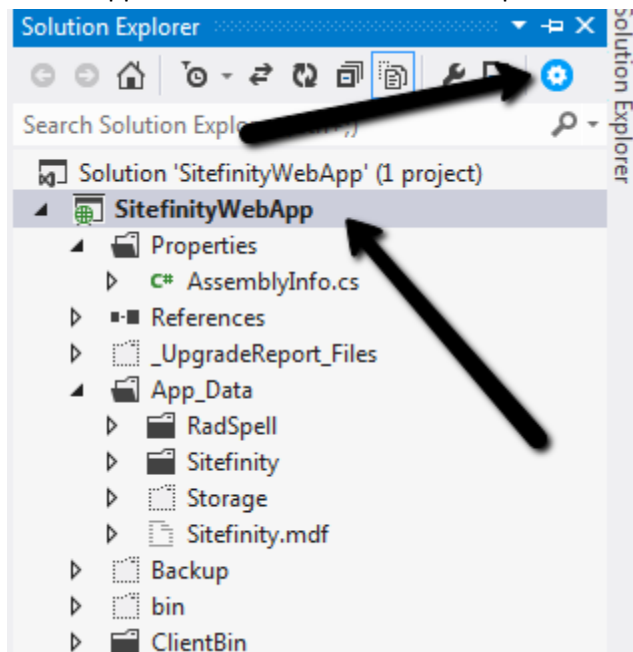
2. Select "Next" on the prompt – note the screen may freeze for a few seconds.
3. Select one of the widgets from the "User Controls" and click next. NOTE: Do not add the ListRating control from "Custom Controls"
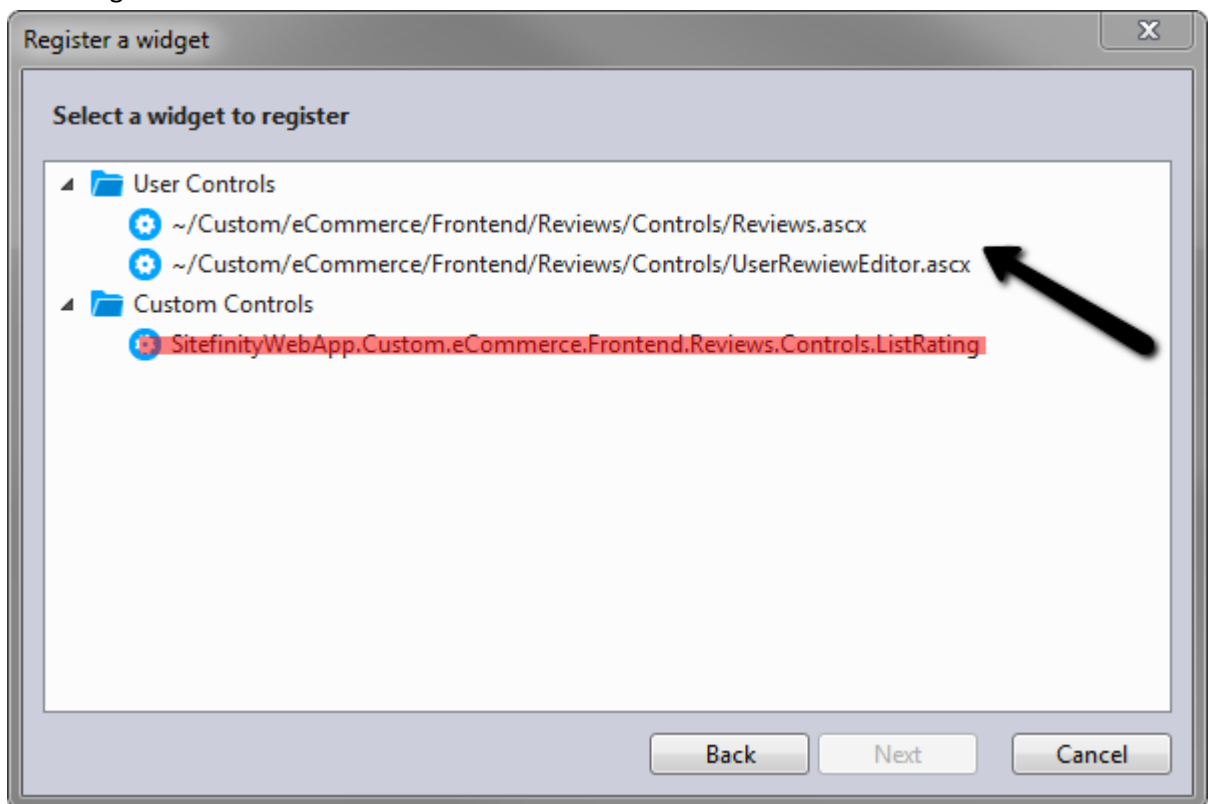
4. Select the desired area of the toolbox and click "Next". The widget is now in your tool bar.

5. Reset your AppPool to see the changes.
6. Repeat for both User Controls

Reviews Widget

This widget is used on the product page. It allows users to view and submit reviews for the current product. The product will only display if there is a valid product on the page. Using the widget you can restrict reviews to: Require Approval, One per user per product, Verify user purchase. All verified buyers will be tagged as so in the system but the last option will restrict potential reviewers to those who the system can verify purchased the product.

Common issues

- None of my reviews are showing on the front end
  - Make sure your users have "View" rights on reviews.
  - Ensure you have set a Show count on through the widget designer by clicking "Edit" while in the page edit mode.
  - Ensure the URL can resolve to a valid product
- None of the controls work
  - Ensure jQuery is being properly loaded on the page

User Review Editor Widget

The user review editor widget allows users to view and delete their current reviews. It works by grabbing the username of the current logged in user and finds the reviews submitted under that username.

List Rating

The list rating is not designed to be a Sitefinity widget and is instead a control used to extend the Products List widget to display the average rating for that product. It works by taking the given ID and returning a RadRating control and DetailsViewLink. In your product list widget list template add the following registration:

```
<%@ Register TagPrefix="dunn"
Namespace="SitefinityWebApp.Custom.eCommerce.Frontend.Reviews.Controls"
Assembly="SitefinityWebApp" %>
```

Now you can add the following code where you want your control to display the ratings.

```
<dunn:ListRating ID="testRating" runat="server" Product='<%# Eval("Id") %>' />
```

Customizing the Backend Screens

This part is not required in order to run the module but it does provide a much better looking screen for both the Ratings and Review modules and Products.

NOTE: BACK UP YOUR CONFIGURATION FILES BEFORE MAKING THESE CHANGES.

Before proceeding do the following:

1. In your Visual Studio solution explorer under Properties, open the AssemblyInfo.cs file.
2. Add the following two lines at the bottom: `[assembly:` `WebResource("SitefinityWebApp.Custom.eCommerce.Backend.Reviews.ProductRatingsExtension.js", "application/x-javascript")]` `[assembly:` `WebResource("SitefinityWebApp.Custom.eCommerce.Backend.Reviews.RatingsModuleExtension.js", "application/x-javascript")]`
3. Navigate to /Custom/eCommerce/Backend/Reviews. There will be two javascript files there.
4. On both, right click and select properties.
5. On the properties window change the Build Action to Embedded Resource.
6. Build your project

Modifying the Products Backend Grid

1. Navigate to App_Data/Sitefinity/Configuration
   a. If this is not available then select "Project > Show All Files" in your main top menu.
2. Open the following file. CatalogConfig.contentViewControls.ProductsBackendDefinitionName.views.ProductsBackendMaster.config
3. After the <dialogs> tag add the following lines:

```
<viewModes>
    <add Name="Grid">
      <columns>
                <add clientTemplate="&lt;div
        class=&quot;starRatingOuter&quot;&gt;&lt;div
        class=&quot;starRatingInner&quot;&gt;&lt;/div&gt;&lt;/div&gt;&lt;a
        class=&quot;starReviewLink&quot; href=&quot;#&quot;&gt;&lt;/a&gt;"
        headerText="Rating" titleText="Rating" itemCssClass="starRating"
        width="0" disableSorting="False" name="Rating"
        type:this="Telerik.Sitefinity.Web.UI.ContentUI.Views.Backend.Master.
        Config.DataColumnElement, Telerik.Sitefinity" />
      </columns>
    </add>
</viewModes>
```

4. After the viewModes tag add the scripts

```
<scripts>

    <script loadMethodName="productsMaster_RatingsViewLoaded"
    scriptLocation="SitefinityWebApp.Custom.eCommerce.Backend.Reviews.ProductRa
    tingsExtension.js,SitefinityWebApp" />

</scripts>
```

5. Save the configuration.

Modifying the Ratings and Review Backend Grid

1. Open the DynamicModulesConfig.config
    a. If you have other dynamic modules installed please be careful!
2. Find the view that represents the Ratings and Reviews module. Search for the following
    a. viewName="Rating and ReviewBackendList"
3. Replace the entire viewModes section with

```
<viewModes>
            <add EnableDragAndDrop="False" EnableInitialExpanding="False" Name="Grid"
type:this="Telerik.Sitefinity.Web.UI.ContentUI.Views.Backend.Master.Config.GridViewModeEl
ement, Telerik.Sitefinity">
                <columns>
                    <add headerCssClass="sfMoreActions" headerText="Actions"
itemCssClass="sfMoreActions" width="0" disableSorting="False" name="Actions"
type:this="Telerik.Sitefinity.Web.UI.ContentUI.Views.Backend.Master.Config.ActionMenuColu
mnElement, Telerik.Sitefinity">
                        <mainAction commandButtonType="Standard" isFilter="False"
wrapperTagKey="Unknown" isSeparator="False" />
                        <menuItems>
                            <menuItem commandName="delete" commandButtonType="Standard"
isFilter="False" cssClass="sfDeleteItm" text="Delete" wrapperTagKey="Li"
widgetType="Telerik.Sitefinity.Web.UI.Backend.Elements.Widgets.CommandWidget,
Telerik.Sitefinity" isSeparator="False" name="Delete"
type:this="Telerik.Sitefinity.Web.UI.Backend.Elements.Config.CommandWidgetElement,
Telerik.Sitefinity" />
                        </menuItems>
                    </add>
                    <add clientTemplate="&lt;span&gt;{{Url.PersistedValue}}&lt;/span&gt;"
headerCssClass="sfRegular" headerText="Product" itemCssClass="sfProductsLink" width="0"
disableSorting="False" name="Url"
type:this="Telerik.Sitefinity.Web.UI.ContentUI.Views.Backend.Master.Config.DataColumnElem
ent, Telerik.Sitefinity" />
                    <add clientTemplate="&lt;div class=&quot;starRatingOuter&quot;&gt;&lt;div
class=&quot;starRatingInner&quot;&gt;&lt;/div&gt;&lt;/div&gt;" headerCssClass="sfRegular"
headerText="Rating" itemCssClass="starRating" width="0" disableSorting="False"
name="Rating"
type:this="Telerik.Sitefinity.Web.UI.ContentUI.Views.Backend.Master.Config.DataColumnElem
ent, Telerik.Sitefinity" />
                    <add clientTemplate="&lt;a sys:href='javascript:void(0);'
sys:class=&quot;{{ 'sf_binderCommand_edit sfItemTitle sf' +
Lifecycle.WorkflowStatus.replace('
```

```
',''').toLowerCase()}}&quot;&gt;&lt;strong&gt;{{Username.PersistedValue}}&lt;/strong&gt;&l
t;span class='sfStatusLocation'&gt;{{Lifecycle.WorkflowStatus}}&lt;/span&gt;&lt;/a&gt;"
headerCssClass="sfTitleCol" headerText="Username" itemCssClass="sfTitleCol" width="0"
disableSorting="False" name="Username"
type:this="Telerik.Sitefinity.Web.UI.ContentUI.Views.Backend.Master.Config.DataColumnElem
ent, Telerik.Sitefinity" />
                    <add clientTemplate="&lt;span&gt;{{ (PublicationDate) ?
PublicationDate.sitefinityLocaleFormat('dd MMM, yyyy hh:mm:ss'): '-' }}&lt;/span&gt;"
resourceClassId="ModuleBuilderResources" headerCssClass="sfDateAndHour"
headerText="PublicationDate" itemCssClass="sfDateAndHour" width="0"
disableSorting="False" name="PublicationDate"
type:this="Telerik.Sitefinity.Web.UI.ContentUI.Views.Backend.Master.Config.DataColumnElem
ent, Telerik.Sitefinity" />
                    <add boundPropertyName="Thoughts"
clientTemplate="&lt;span&gt;{{Thoughts.PersistedValue}}&lt;/span&gt;"
headerText="Thoughts" titleText="Thoughts" itemCssClass="sfThoughtsCol" width="0"
disableSorting="False" name="Thoughts"
type:this="Telerik.Sitefinity.Web.UI.ContentUI.Views.Backend.Master.Config.DataColumnElem
ent, Telerik.Sitefinity" />
                </columns>
            </add>
        </viewModes>
  4.  Find the scripts section <scripts>
  5.  Add the following
        a.  <script loadMethodName="OnModuleMasterViewLoaded"
            scriptLocation="Telerik.Sitefinity.DynamicModules.Web.UI.Backend.Script.Mas
            terGridViewGeneratorExtensions.js, Telerik.Sitefinity" />
  6.  Save the config
```

Conclusion

With the eCommerce Ratings and Reviews you can effectively provide confidence to your potential customers about the product. The helps you keep track of popular products and interact with customers who are potentially dissatisfied. Without ratings and reviews your only left with sales figures to dictate the popularity of your products.