



Inline Item List

Version 1.0

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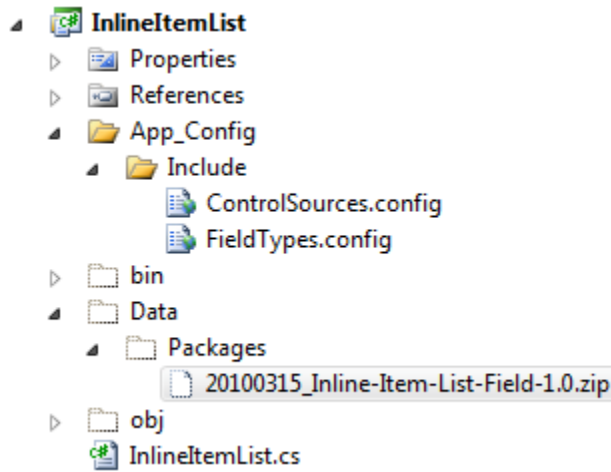
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Summary

The purpose of the Inline Item List is to allow content authors to add/edit/remove items within the source of a Multilist type of field without needing to leave the item they're currently editing. For instance, Item A may contain an Inline Item List whose data source contains Item B and Item C. When a content author is editing Item A, they can use the Inline Item List to directly edit or delete Item B or Item C. Or, when a content author is editing Item A, they can use the Inline Item List to add Item D to the list of items that can be used in the Multilist.

Installation

- Get the latest version of the Inline Item List project from Sitecore shared source. When you open the project in Visual Studio you should see the following:



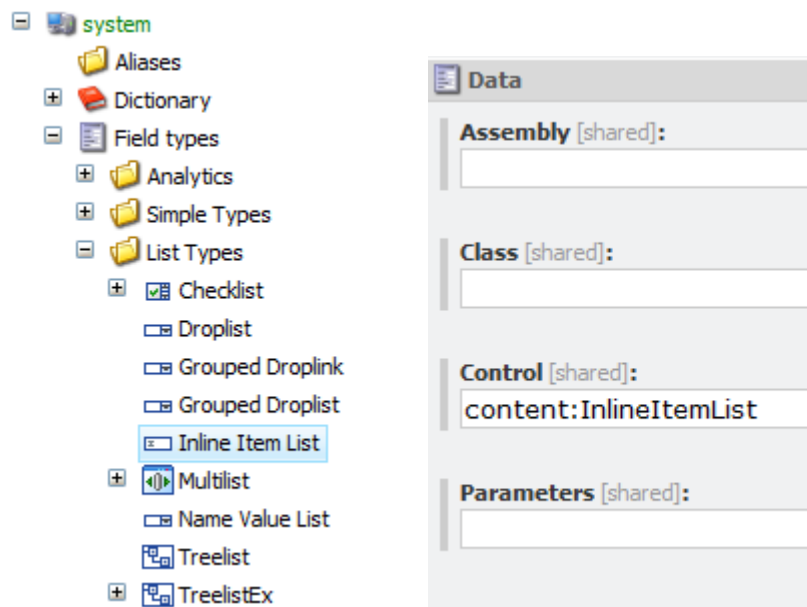
- Compile the InlinelItemList project.
- Copy the compiled .dll file to your bin folder.
- Copy or merge the **/App_Config/Include/ControlSources.config** file into your /App_Config/Include folder. If you change the name of the InlinelItemList project assembly or namespace, you will need to change the ControlSources.config file accordingly.



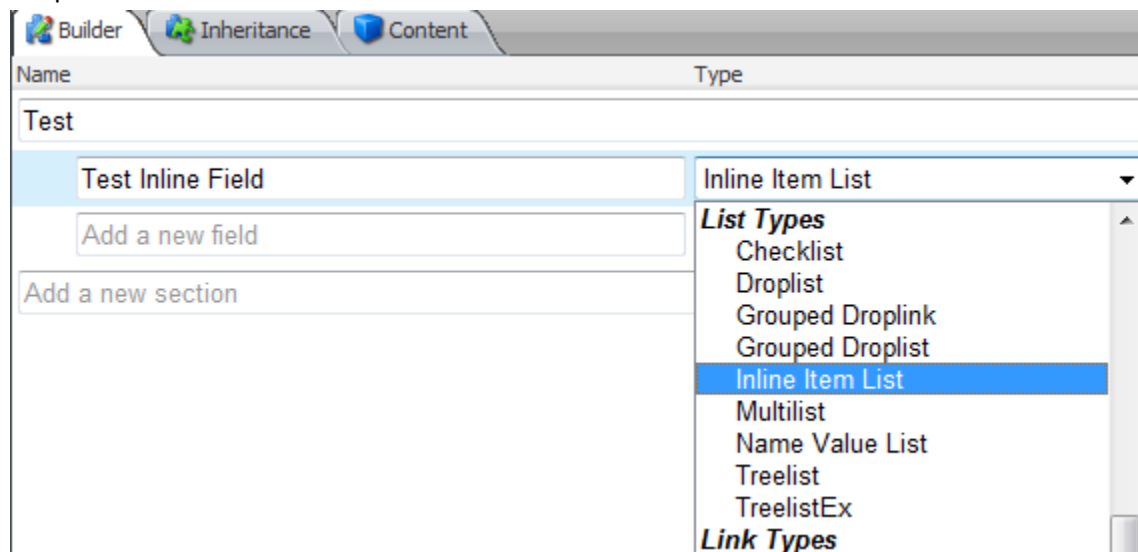
- Copy or merge the `/App_Config/Include/FieldTypes.config` file into your `/App_Config/Include` folder.

```
FieldTypes.config X
1 <configuration xmlns:patch="http://www.sitecore.net/xmlconfig/">
2   <sitecore>
3     <fieldTypes>
4       <!-- User Defined Fields -->
5       <fieldType
6         name="Inline Item List"
7         type="Sitecore.Data.Fields.MultilistField,Sitecore.Kernel" />
8     </fieldTypes>
9   </sitecore>
10 </configuration>
```

- Use the Sitecore package installation wizard to install the `"/Data/Packages/20100315_Inline-Item-List-Field-1.0.zip"` package from the project. This package copies one item, a field definition, to the Core database.

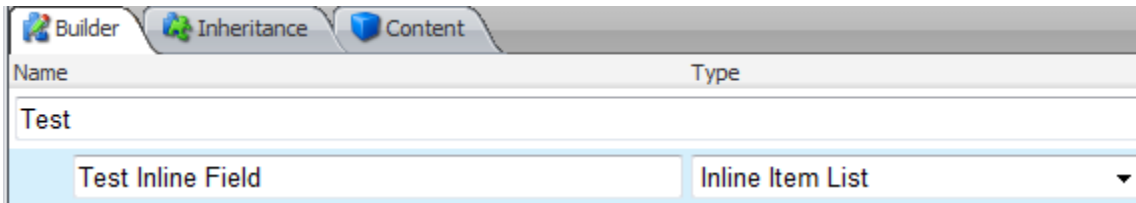


- You should now see the Inline Item List as a field type when building templates or creating new fields in a template.



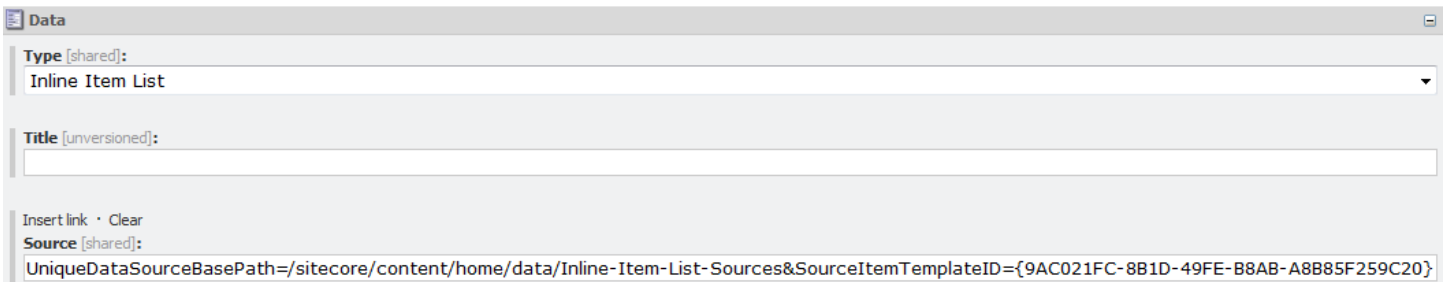
Configuration

With the new field type installed, add a new field to a template, selecting '**Inline Item List**' as the field type.



The screenshot shows the Sitecore Builder interface with three tabs: 'Builder', 'Inheritance', and 'Content'. The 'Builder' tab is active. Below the tabs, there is a table with two columns: 'Name' and 'Type'. The 'Name' column contains the text 'Test'. The 'Type' column contains a dropdown menu with 'Inline Item List' selected.

You will also need to specify a **Source** for the field. The **Source** field will not work with a typical **Source** path or query, instead you must specify special parameters, namely **SourceItemTemplateID** and either **UniqueDataSourceBasePath** or **StandardDataSource**.



The screenshot shows the 'Data' field configuration window. The 'Type' dropdown is set to 'Inline Item List'. The 'Title' field is empty. The 'Source' field contains the value: `UniqueDataSourceBasePath=/sitecore/content/home/data/Inline-Item-List-Sources&SourceItemTemplateID={9AC021FC-8B1D-49FE-B8AB-A8B85F259C20}`.

Parameters

SourceItemTemplateID

The value specified in the **SourceItemTemplateID** parameter is the ID of the template that will be used when adding new items to the Inline Item List field source.

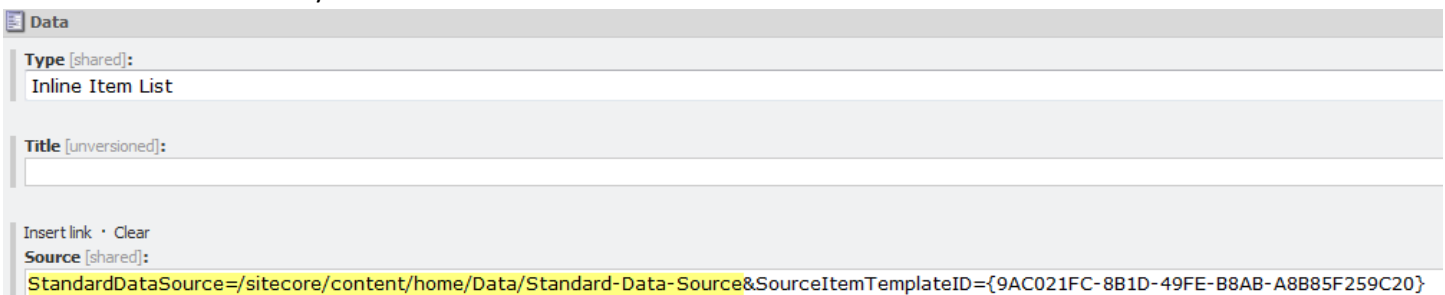
Note: you can also use a template's name for this parameter, but use caution in doing so as Sitecore does not require template names to be unique.

StandardDataSource

If you'd like to use a pre-determined location as a data source or wish to share a data source amongst multiple fields, you can specify the **StandardDataSource** parameter. When this parameter is populated, the Inline Item List field will create new items in the path specified by the **StandardDataSource** parameter. Note: the **StandardDataSource** parameter only accepts a content path or item ID, Sitecore query is not supported at this time.

Example:

In the field definition below, I've specified a value for the **StandardDataSource** parameter. This value corresponds to an existing location in the content tree. When you add items via the Inline Item List field, the items will be created in this location. Items that already exist in this location will be available as selection items in the Inline Item List field.



The screenshot shows the 'Data' field configuration window. The 'Type' dropdown is set to 'Inline Item List'. The 'Title' field is empty. The 'Source' field contains the value: `StandardDataSource=/sitecore/content/home/Data/Standard-Data-Source&SourceItemTemplateID={9AC021FC-8B1D-49FE-B8AB-A8B85F259C20}`.

UniqueDataSourceBasePath

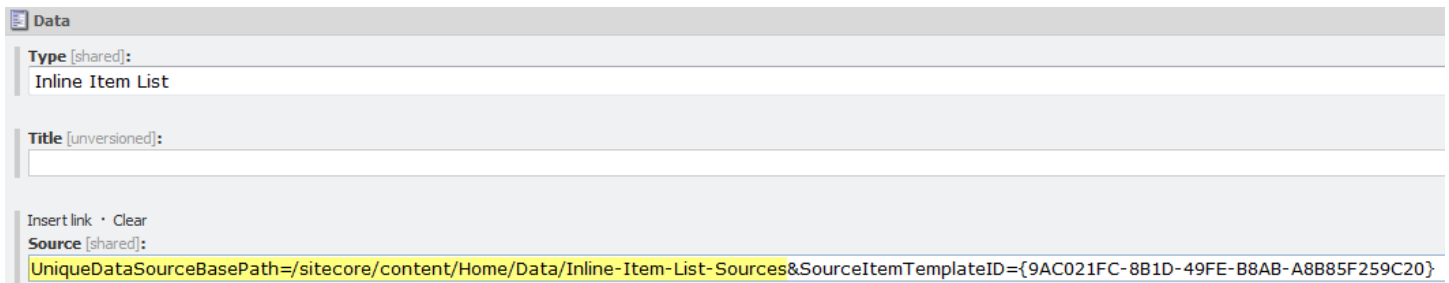
If you'd like to use a unique item source when adding items to your Inline Item List field, you can specify the **UniqueDataSourceBasePath** parameter. When this parameter is populated, the Inline Item List field will create new items in a "dynamic" location underneath the **UniqueDataSourceBasePath** like so:

UniqueDataSourceBasePath/{ItemID}/{FieldID}/My-New-Inline-Item

The **{ItemID}** token represents the ID of the item containing your Inline Item List field and the **{FieldID}** token represents the ID of the Inline Item List field itself.

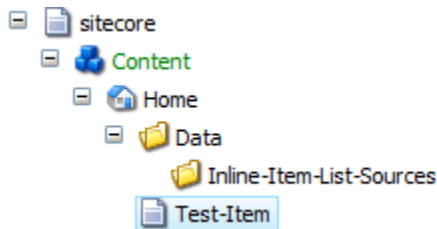
You are not responsible for creating the **/ {ItemID} / {FieldID}** path, it will be automatically created for you when you add items to the Inline Item List field.

Example:

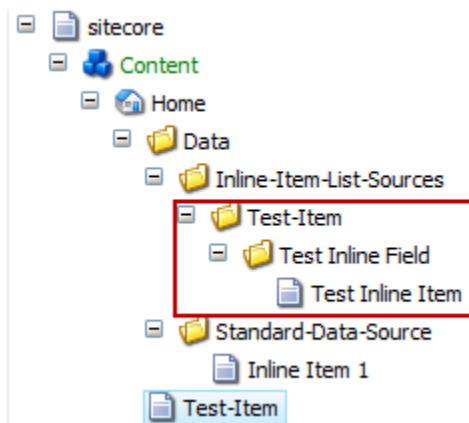


The screenshot shows the configuration for a 'Data' field. The 'Type' is set to 'Inline Item List'. The 'Source' field contains the following URL: `UniqueDataSourceBasePath=/sitecore/content/Home/Data/Inline-Item-List-Sources&SourceItemTemplateID={9AC021FC-8B1D-49FE-B8AB-A8B85F259C20}`. The 'Title' field is empty.

Based on the tree in the image below, I have specified the **UniqueDataSourceBasePath** of my Inline Item List field to: **/sitecore/content/Home/Data/Inline-Item-List-Sources**



After adding a new item to my Inline Item List field, the tree looks like this:



Note the addition of the **Test-Item** and **Test Inline Field** folders. These were automatically created by the Inline Item List field.

Also of note is the naming of the automatically created folders. You'll notice their actual name is the ShortID version of the **{ItemID}** and **{FieldID}** tokens mentioned earlier. This naming convention ensures that each Inline Item List field with the **UniqueDataSourceBasePath** parameter set has a unique source of items. The Display Name field is populated to make sure the folders are more user-friendly.

Test-Item - [718914D7F3254E11AAD9C0BE38B4FEA9]

Quick Info

Item ID: {8020F3BF-9394-410E-8079-F919B4024E15}

Item Name: 718914D7F3254E11AAD9C0BE38B4FEA9 - Display Name: Test-Item

Item Path: /sitecore/content/Home/Data/Inline-Item-List-Sources/718914D7F3254E11AAD9C0BE38B4FEA9

Template: /sitecore/templates/Common/Folder - {A87A00B1-E6DB-45AB-8B54-636FEC3B5523}

Test Inline Field - [23FFE785BAB94B26A06DE3880EAA65C1]

Quick Info

Item ID: {C5397DC0-6AF7-45F2-A132-1D67B3C9EA24}

Item Name: 23FFE785BAB94B26A06DE3880EAA65C1 - Display Name: Test Inline Field

Item Path: /sitecore/content/Home/Data/Inline-Item-List-Sources/718914D7F3254E11AAD9C0BE38B4FEA9/23FFE785BAB94B26A06DE3880EAA65C1

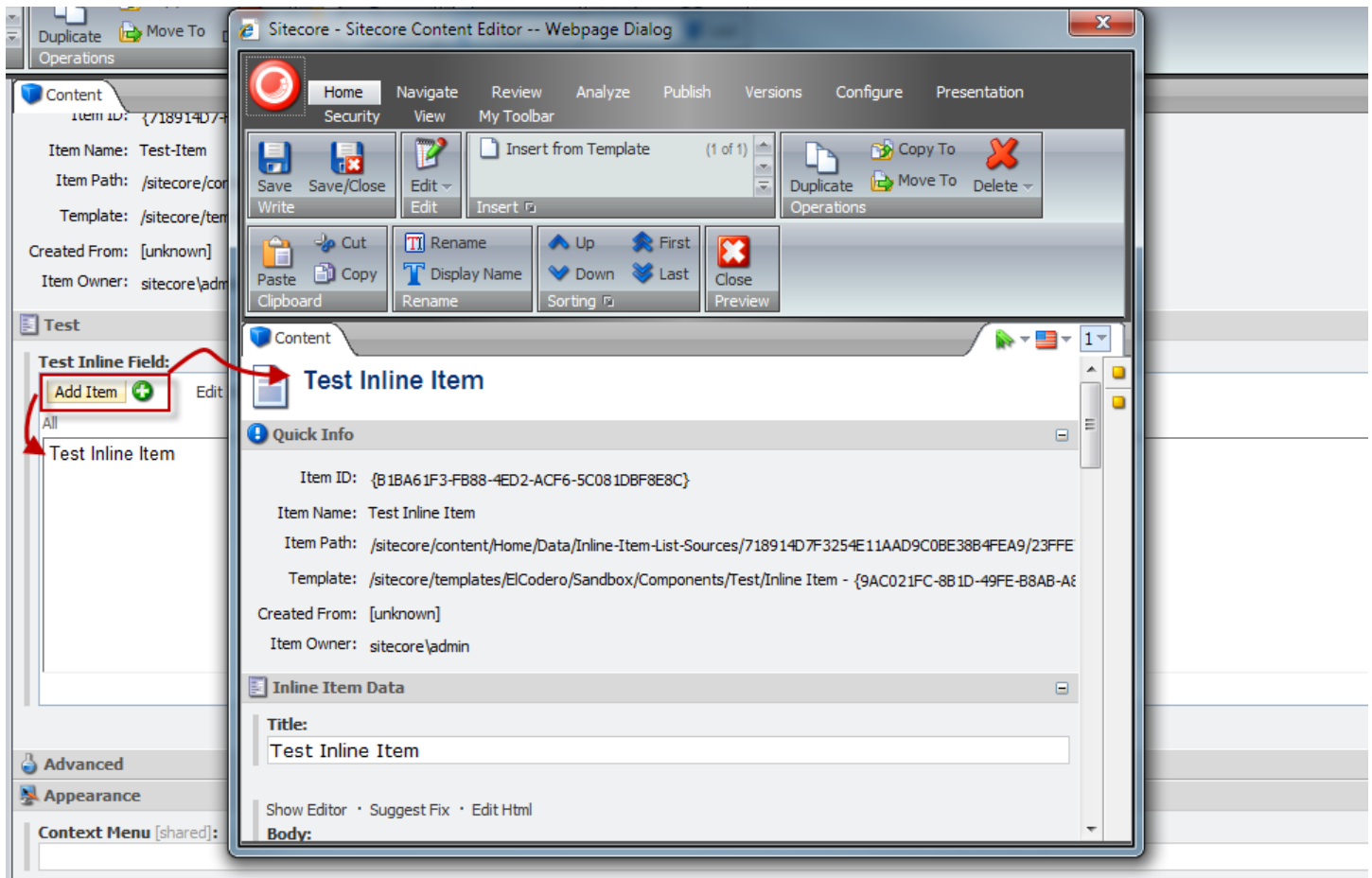
Template: /sitecore/templates/Common/Folder - {A87A00B1-E6DB-45AB-8B54-636FEC3B5523}

Usage

Add Item

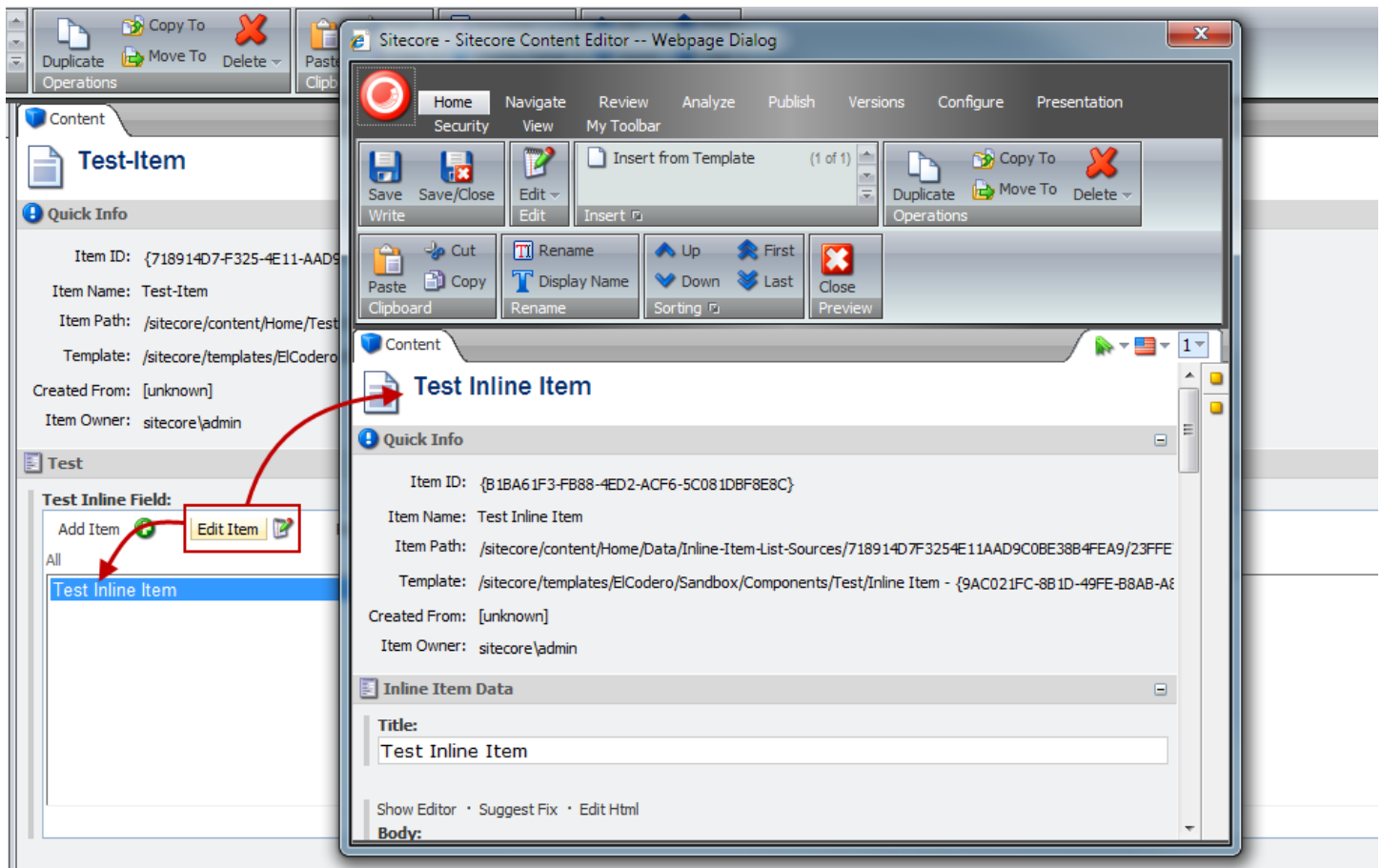
Clicking on the **Add Item** button in the Inline Item List field will first prompt you to enter a name for the new item. As you can see in the image below, I've given the new item a name of 'Test Inline Item'. After providing a name for the new item, the item will be created based on the **SourceItemTemplateID** parameter you specified in the template field definition.

After the item has been created, a new content editor will open in a modal dialog. The content editor in the modal dialog will have all of the same ribbons, chunks, and buttons available to the current user in "normal" content editor. From this modal dialog, you can populate the new item's field values as needed or change it's properties as needed. When finished, simply click the **Save/Close** button and the modal dialog will close along with the new item being saved.



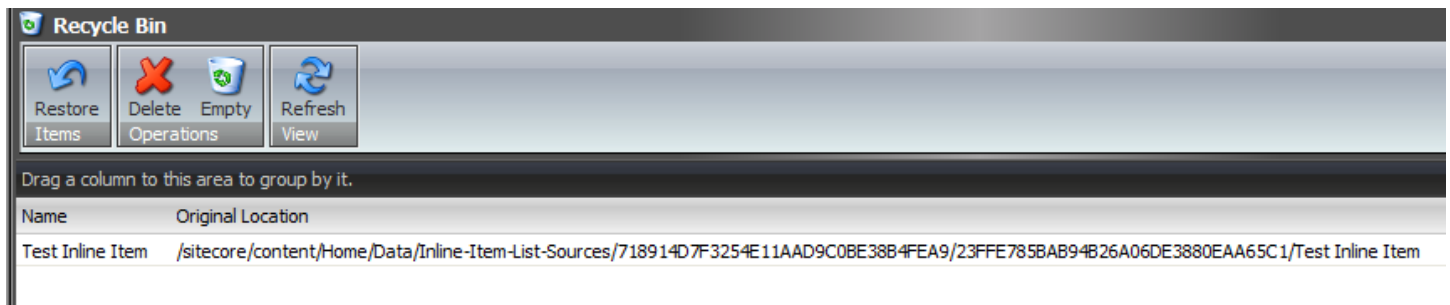
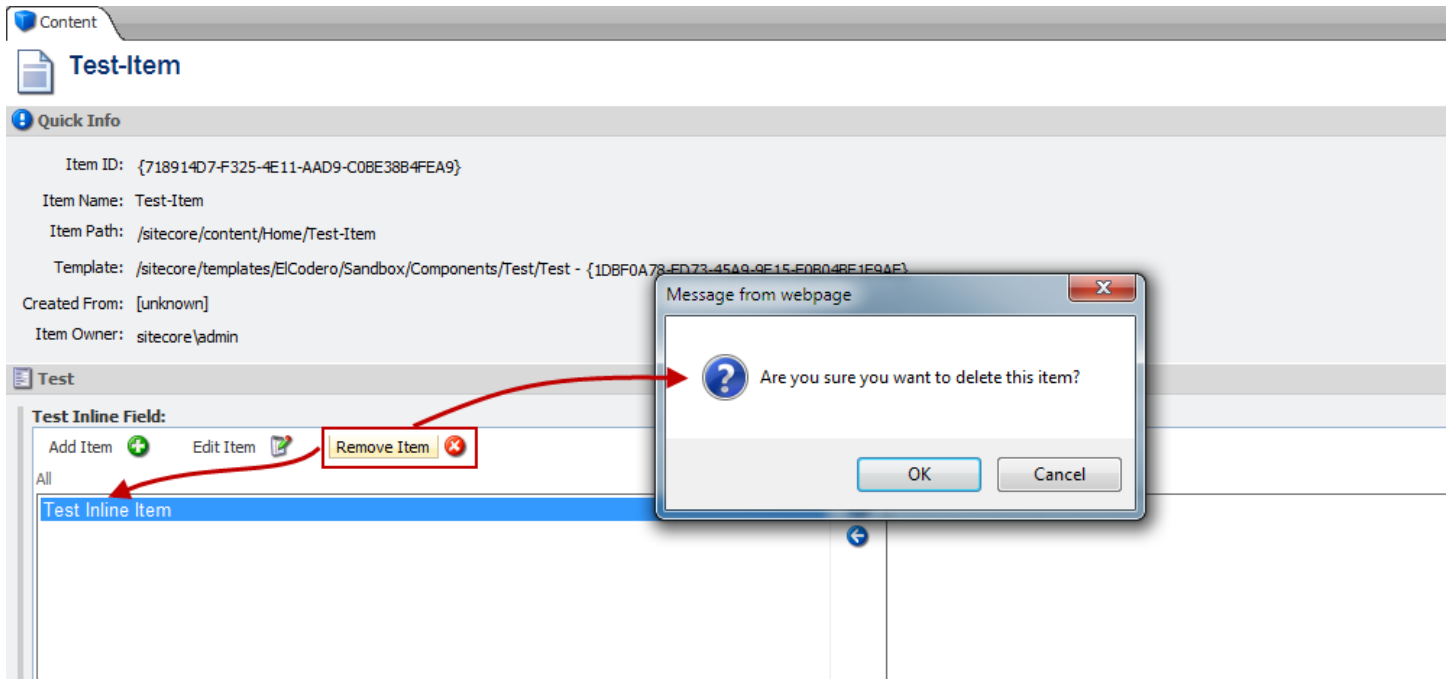
Edit Item

To edit an item from an Inline Item List field, simply select an item from the All or Selected lists within the field, then click the **Edit Item** button. Note: you can only select one item to edit. Clicking the **Edit Item** button will open a new instance of the content editor in a modal dialog. From the modal dialog content editor instance, you can modify the existing item's fields or properties. When finished, simply click the **Save/Close** button and the modal dialog will close along with the new item being saved.



Remove Item

To remove an item from an Inline Item List field, simply select an item from the All or Selected lists within the field and click the **Remove Item** button. If you do not have permission to delete the item, you will be alerted. Otherwise, you will be asked for deletion confirmation. Upon deletion confirmation, the item will be moved to the Recycle Bin (or deleted if the Recycle Bin is not active).



Field Value Access

The Inline Item List field is based on the standard Sitecore Multilist field. Therefore, the value of the field is a pipe-delimited list of Sitecore item IDs. You should refer to official Sitecore documentation for more information regarding how to work with Multilist field values.