**Import Custom Element Configuration**

**October 15, 2009**

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**Overview**

The following steps are to add a new custom element to import into CommonSpot using the content creation API. The data to import must be setup in a database table and a ColdFusion datasource setup. The fields in the database table match the Custom Element field names. For example, if the field in the custom element is “lastname”, then the table column name must be “lastname”. This is a one-to-one mapping from the database columns to the custom element fields.

**Steps to Add a Custom Element**

1. Make sure that the database is setup correctly for the process described in the overview.
2. Make sure the table to import the data from has a unique column. This can either be a uuid, guid, or auto incrementing integer.
3. Follow the instructions for configuring the CCAPI (http://consulting.paperthin.com/adf-wiki/index.php/ADF\_Library:CCAPI\_Config).
4. Create the CCAPI page.
5. Put the page in Author mode and insert the element that you want to import onto the page.
6. Do not set any render mode filter or data to this custom element.
7. Select the element indicator and go to “Name…”.
8. In the dialog, enter a unique element name.
9. Publish the page and put in read mode.
10. Open the CCAPI config xml file (/\_cs\_apps/config/ccapi.xml).
11. Add the following new block in the elements section:

<CUSTOM-ELEMENT-NAME>

<pageID>#####</pageID>

<subsiteID>##</subsiteID>

<elementType>custom</elementType>

<controlName></controlName>

</CUSTOM-ELEMENT-NAME>

1. Update the “CUSTOM-ELEMENT-NAME” tag with the correct custom element name you are importing. Do not have spaces in this name.
2. To populate the <pageID> and <subsiteID> tags, view the source code on the Import Custom Element CCAPI page (/import/CCAPI.cfm).
3. Identify the following JavaScript value and use this value in the “pageID” tags.

var jsPageID = ####;

1. Identify the following JavaScript value and use this value in the “subsiteID” tags.

var jsSubSiteID = ##;

1. Edit the Import Custom Element menu file (/customcf/ccapi\_import.cfm).
2. In the HTML select tag with the name “importCE” in the form, add a new option for this new custom element.

<option value="MY\_CUSTOM\_ELEMENT">MY\_CUSTOM\_ELEMENT

* 1. The value field must match the Custom Element name as it is stored in CommonSpot. (To find this exact custom element name, query the FormControl table)

1. If the Import Custom Element is not in this directoy (/\_cs\_apps/components/importCE.cfc), then add it in.
2. Edit the Import Custom Element component file (/\_cs\_apps/components/importCE.cfc).
3. In the “controller” function, add a new case to the switch statement. Paste the starter case block below:

case "Rental\_Property":

{

argPassStruct.ceName = arguments.ceName;

argPassStruct.uniqueFldName = "UNIQUE-IMPORT-FIELD";

argPassStruct.createUUIDFld = "CE-UNIQUE-ID";

argPassStruct.ccAPIConfigName = "CCAPI-CE-NAME";

argPassStruct.extDataSource = "EXT-DATASOURCE";

argPassStruct.extTableName = "EXT-TABLE";

processImport(importData=argPassStruct,

restart=arguments.restart,

passCount=arguments.passCount, scheduleProcess=arguments.scheduleProcess,

delayMinutes=arguments.delayMinutes,

logFileName="import\_element\_#arguments.ceName#.log",

startAt=arguments.startAt);

break;

}

1. Update the following fields in the case block with the values:
   1. UNIQUE-IMPORT-FIELD = import data table unique column name, this is defined in step #2.
   2. CE-UNIQUE-ID = Unique ID field name in the custom element.
   3. CCAPI-CE-NAME = Custom element name given in step #11.
   4. EXT-DATASOURCE = ColdFusion datasource for the import database.
   5. EXT-TABLE = Import database table name.
2. Reset the ADF for the site and access the Import Custom Element menu page (index.cfm?resetServerADF=1&resetSiteADF=1).