SmartBear
SOFTWARE

Filtering a Choice List

This document provides an overview of the Custom Field type Choice List (List with Sublist based on SQL)

Narrative

SoftwarePlanner provides several different formats for Custom Fields. Our Enterprise clients have access to the "Choice List (List with Sublist based on SQL)" that will help you filter the values available selection in a custom field.

Overview

The most common use for filtering the selections is when you have a lengthy list of items for validation in your custom field. By categorizing the values, you can provide your users with a filtered selection based on a category or grouping.

For example: We have several Product Lines for our Applications. You can create a custom List of Applications, then organize them into Product Lines. Your list might look like this:

Actions	🖇	💬	ProductLine	Application
	0	0	QA Tools	QAPlanner
	0	0	QA Tools	QAComplete
	0	0	QA Tools	TestComplete
	0	0	QA Tools	LoadStarter
	0	0	QA Tools	LoadComplete
	0	0	Dev Tools	DevPlanner
	0	0	Dev Tools	DevComplete
	0	0	Dev Tools	CodeCollaborator
	0	0	Dev Tools	PeerReviewComplete
	0	0	Dev Tools	AQTime Standard
	0	0	Dev Tools	AQTime Pro
	0	0	Life Cycle Management	ALMComplete

Notice that the values in the Application column are unique, and are categorized by Product Line.

Define a custom field in Test Cases that looks like this:

Be sure to click Save when prompted.

Our sample Select statement refers to Field1 and Field2. These are the actual field names as in the Lists table that you use, not the labels from your field definitions. Your list is identified in the Lists table by ListTypeCode, which is the name of your List. Our list is called "Applications". If you are referencing some other table, you would use the actual table and field names from that table.

The syntax must be exactly as depicted: each field must be followed by "Code1" and "Desc1", the next field followed by "Code2" and "Desc2" and the third field, if used, followed by "Code3" and "Desc3". The process uses these to build the relationship between the fields.

Click Verify SQL to try it out:

Notice that when I select Dev Tools in the first field, the second field lists the Applications in the Dev Tools Product Line.
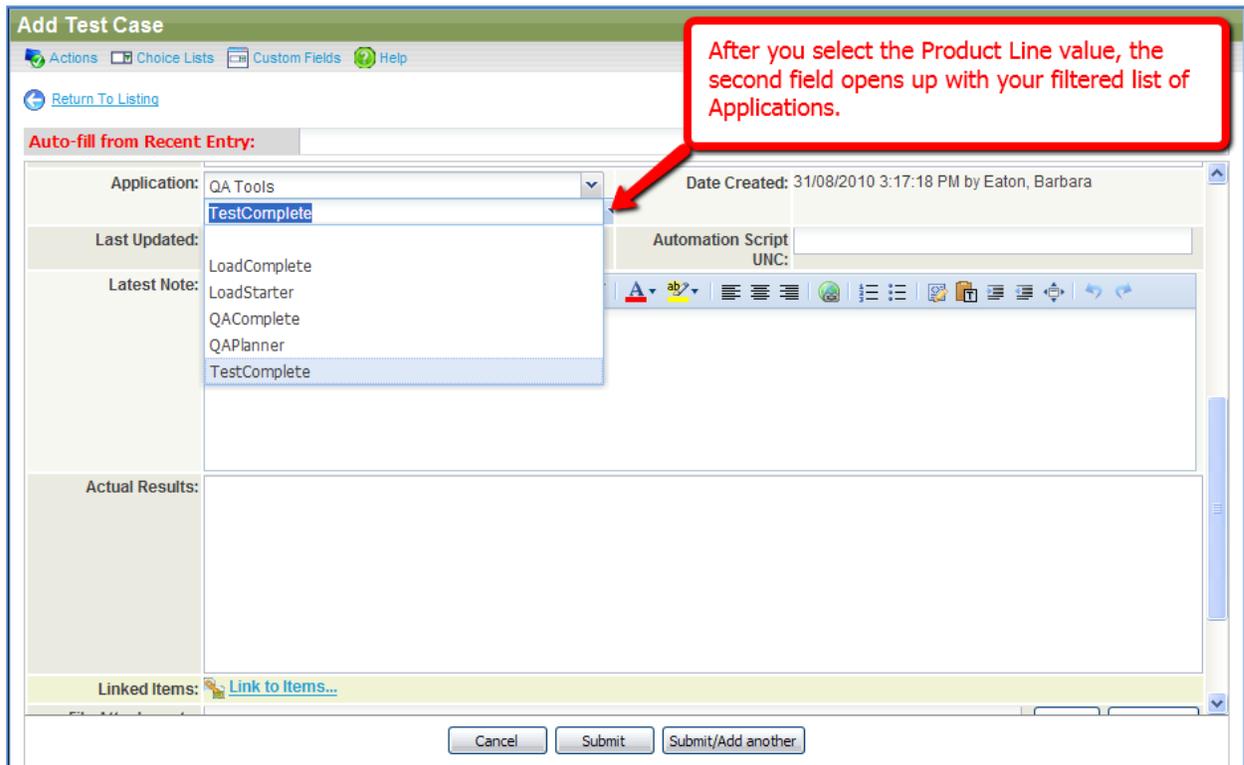
Click Submit.

Back to the Test Case: you'll see your Custom field for Application on the Add or Edit form.
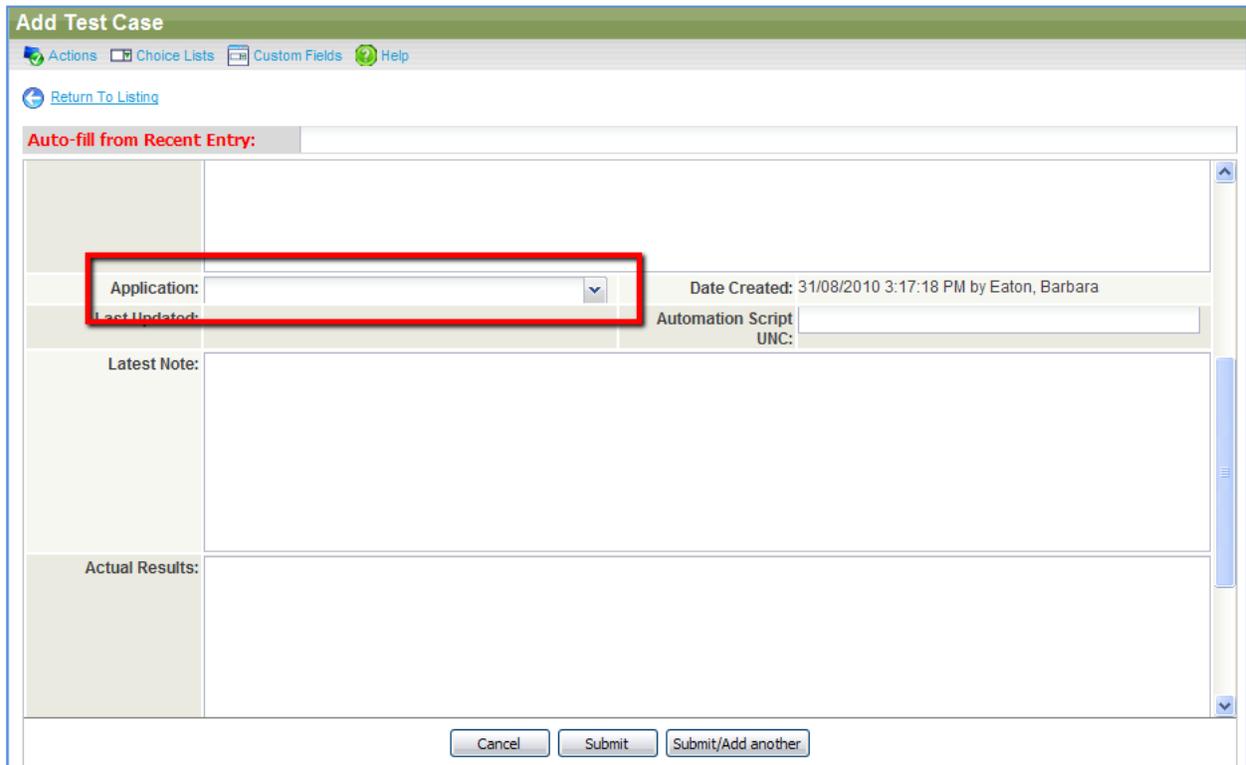
Click on the drop down to see your list of Product Lines. After you select a Product Line, a second field opens up.

Click on the second Drop down to see the list of Applications filtered by Product Line.

Select your Application and Submit.