Raley IntakeForms Filters - JIFF

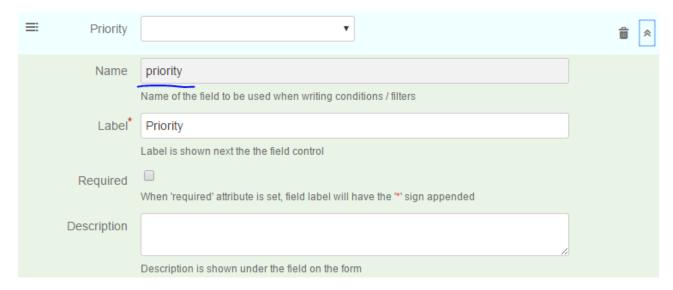
JIFF, JIF Filters or Raley Intake Forms Filters is the core concept of Raley Intake Forms. It helps you to define the rules and conditions for your fields and make forms more dynamic and "smart".

Syntax for JIF Filters is similar to what you can see in Atlassian CQL or in Apache Lucene.

Wildcards are supported everywhere, as well as logical "AND" and "OR" operators.

JIF Filters operate on internal field names and operate on field values (which means that for dropdown fields, JIF Filters operate on "IDs", not the labels)

Field name for Raley Intake Form is visible in the configuration



Let's take this "priority" field as an example

It is a standard JIRA field for setting the issue priority.

When rendered on the form it renders as a dropdown field like this



And actually has 5 values by default

ID	Label
1	Highest
2	High
3	Medium
4	Low
5	Lowest

In HTML the controls looks like this:

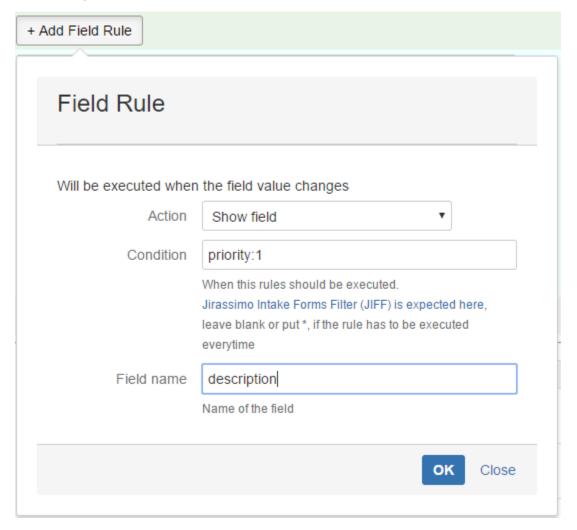
```
<select data-field="priority" title="Priority" type="select" class="select" name="priority" id="i_priority">
  <option value="1"></option>
  <option value="2">Highest</option>
  <option value="3">Medium</option>
  <option value="4">Low</option>
  <option value="5">Lowest</option>
  </select>
```

For example, we want to define the rule which will show a field when "priority" field is selected as "Highest"

The condition will be written like this then

priority:1

And the rule might look like this



Which will be translated to - when a priority field has the highest priority selected show a field with name "description" (for example, this field is set to be hidden initially, on the form load, by using the "form rules")

More examples on JIF Filters

JIF Filter	Details	
*	Matches all, same as when the condition is left blank	

summary:*urgent*	When summary field contains the word (full or partly) that match to "urgent"	
!summary:*urgent*	You can negate the filter with ! sign	
priority:[empty] AND summary:*urgent*	When priority is not specified and the summary field has the word "urgent"	
priority:[empty]	Checking for empty and non empty	
!priority:[empty]		
summary:*risk* OR label:highrisk	When summary field contains the word "risk" and the label field is set to "highrisk"	
(summary:[empty] AND priority:1) OR (!summary:[empty] AND priority: 2)	You can have multiple conditions wrapped in brackets	

You can also use the following functions with fields

Function	What it does	Example
_length	Returns the length of the field. For empty or non-existent fields the length is 0	Checks if summary field's length is longer than 20 symbols summarylength:>20
_matches(Regular expression)	ou can validate the field value agains the given regular expression.	Checks if value is not empty myfieldmatches(^(?=\s*\S).*\$) myfieldmatches(^(?=\s*\S).*\$): true Value ends with pdf myfieldmatches(.*?\.pdf) myfieldmatches(.*?\.pdf):true
		Value DOES NOT end with pdf myfieldmatches(.*?\.pdf) myfieldmatches(.*?\.pdf):false