

## Redmine - Defect #22745

### Rest API for Custom Fields does not return keys for key/value types

2016-05-05 21:35 - Stephen Stuart

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	REST API	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.3.0	<b>Affected version:</b>	3.2.1
<b>Resolution:</b>	Fixed		

#### Description

When using the REST API to retrieve the list of custom\_fields by calling [http://localhost:3000/custom\\_fields.json](http://localhost:3000/custom_fields.json) , if there is a Key/Value list type custom fields only the value comes back, as in the example below:

```
"id": 5,  
"name": "Lifecycle Status",  
"customized_type": "version",  
"field_format": "enumeration",  
"regexp": "",  
"visible": true,  
"possible_values": [  
  {  
    "value": "2",  
  },  
  {  
    "value": "3",  
  },  
  {  
    "value": "4",  
  }  
]
```

to replace this block:

It would be much more useful to get the name back as well, like:

```
"id": 5,  
"name": "Lifecycle Status",  
"customized_type": "version",  
"field_format": "enumeration",  
"regexp": "",  
"visible": true,  
"possible_values": [  
  {  
    "value": "2",  
    "label": "Planned"  
  },  
  {  
    "value": "3",  
    "label": "In Progress"  
  },  
  {  
    "value": "4",  
    "label": "Complete"  
  }  
]
```

I did this in a plugin by overriding app/views/custom\_fields/index.api.rsb and adding and if block checking for EnumerationFormat.

```
values = field.possible_values_options  
if values.present?  
  api.array :possible_values do  
    values.each do |label, value|
```

```
    api.possible_value do
      api.value value || label
      if field.format.class.name.demodulize == 'EnumerationFormat'
        api.label label
      end
    end
  end
end
end
end
```

I was going to just put the 'api.label label' line in without the if statement but it also takes effect for list types where label and value appear to be the same. There is almost certainly a better way to do this.

#### Related issues:

Related to Redmine - Feature #26017: Get also labels for key/value custom fie...

**New**

#### Associated revisions

##### Revision 15401 - 2016-05-08 10:44 - Jean-Philippe Lang

Include value and label of possible values in custom fields API (#22745).

#### History

##### #1 - 2016-05-06 23:14 - Jean-Philippe Lang

- Target version set to 3.2.3

##### #2 - 2016-05-08 10:47 - Jean-Philippe Lang

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Target version changed from 3.2.3 to 3.3.0

- Resolution set to Fixed

Stephen Stuart wrote:

I was going to just put the 'api.label label' line in without the if statement but it also takes effect for list types where label and value appear to be the same.

I've added the label for all custom fields that have possible values

It's better to have the same behaviour no matter the custom field type, even if value and label are the same.

Thanks for pointing this out.

##### #3 - 2017-05-22 20:40 - Maxim Krušina

- Related to Feature #26017: Get also labels for key/value custom fields by API added