Redmine - Feature #11159

REST API for getting CustomField definitions

2012-06-14 11:01 - Ruediger Schobbert

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Jean-Philippe Lang	**% Done:**	0%
Category:	REST API	**Estimated time:**	0.00 hour
Target version:	2.4.0		
Resolution:	Fixed		

Description

It would be helpful to have a possibility to query CustomFields for a certain type, since the customfield id and length/regex limitations might be necessary to create a valid REST API POST request.

One workaround to get the id of the customfield is to do a query for the resource first. E.g. for time_entries:

GET /time_entries.xml

will also return the customfields, **but only if there is at least one time_entry in the database**

If there is no time_entry yet, you can create a dummy one first (also via REST API), and delete that after you got the customfield ids. But this will not work if any of the customfields are mandatory.

This feature is probably related to Feature #9664

I suggest something like:

GET /custom_fields.xml?type=TimeEntryCustomField

which will result in the following response:

```
<custom_fields type="array">
  <custom_field id="1" name="StartTime">
    <type>TimeEntryCustomField</type>
    <format>Text</format>
    <min_length>5</min_length>
    <max_length>5</max_length>
    <regex>[0-2][0-9]:[0-5][0-9]</regex>
    <default_value></default_value>
    <required>1</required>
  </custom_field>
  <custom_field id="2" name="SomeListField">
    <type>TimeEntryCustomField</type>
    <format>List</format>
    <multiple>0</multiple>
    <possible_values>
        <value>First</value>
        <value>Second</value>
    </possible_values>
    <default_value></default_value>
    <required>0</required>
  </custom_field>
</custom_fields>
```

Related issues:

Related to Redmine - Defect #7819: REST API Populating issue field enumeratio...	**New**	**2011-03-09**
Related to Redmine - Feature #9664: CRUD operations for "custom field definit...	**New**	**2011-11-25**

Associated revisions

Revision 12165 - 2013-09-29 12:08 - Jean-Philippe Lang

REST API: custom fields definition (#11159).

History

#1 - 2012-07-11 00:10 - Ruediger Schobbert

Since this probably takes a while, until it is integrated in redmine, I wrote a little webapp (in groovy, because I only have minimal ruby/redmine knowhow) to serve the customfields.

If anyone is interested they may have a look on github: https://github.com/rschobbert/redmine-customfield-info

#2 - 2012-07-24 00:12 - Ruediger Schobbert

The project redmine-customfield-info on github has been deprecated in favor of the new project redmine-miss-api, which also serves the enumerations. The project can be found on github under: https://github.com/rschobbert/redmine-miss-api

#3 - 2013-03-29 17:51 - Stéphane Klein

+1

#4 - 2013-08-30 10:28 - Jaap de Haan

+1 too, as filtering is possible on the issues with (nnn being the field id),

```
GET /issues.xml?cf_nnn=abcdef
```

there should be at least a way to programmatically figure out what are the fields and which ids they have. (At the moment there is only a dirty workaround by examinating the contents of a ticket, by hoping the wanted fields are present)

My proposal would be to extend the project query by adding one include option (beside issue_categories and trackers also **fields** for example) For a first shot this does not need to be too complicated, having the field names, ids, tpyes and if they are required or not would be already great.

#5 - 2013-09-09 01:45 - Toshi MARUYAMA

- Related to Defect #7819: REST API Populating issue field enumerations + Issue list filters added

#6 - 2013-09-24 14:32 - Vincent Caron

A patch for 'GET /custom_fields.xml' (without the filtering part) is available in #9664.

#7 - 2013-09-29 11:59 - Jean-Philippe Lang

- Related to Feature #9664: CRUD operations for "custom field definitions" (not setting custom fields on issues!) added

#8 - 2013-09-29 12:19 - Jean-Philippe Lang

- Subject changed from REST API - query CustomField Definitions to REST API for getting CustomField definitions

- Status changed from New to Closed

- Assignee set to Jean-Philippe Lang

- Target version set to 2.4.0

- Resolution set to Fixed

Feature added in r12165. The response is slighty different from the proposal, see Rest_CustomFields.

#9 - 2013-11-14 23:04 - Alex Last

what about CRUD for custom field definitions (http://www.redmine.org/issues/9664) ?