

Redmine - Defect #7819

REST API Populating issue field enumerations + Issue list filters

2011-03-09 19:54 - Orcun Gok

Status:	New	Start date:	2011-03-09
Priority:	Normal	Due date:	
Assignee:		% Done:	50%
Category:	REST API	Estimated time:	0.00 hour
Target version:	Candidate for next major release	Affected version:	
Resolution:			
Description			
<p>Our team have been using Redmine for more than two years. We are very happy with Redmine and we have decided to develop small visual studio add-in for Redmine in order to improve our productivity and give something back to the Redmine community.</p> <p>Before beginning the development we have started investigating REST API and found some subjects that needs improvements.</p> <p>The biggest problem that we have found is; REST API does not provide necessary functionality for populating issue property/attribute enumerations.</p> <p>In order to provide useful GUI with bunch of combo boxes. We have to populate;</p> <ul style="list-style-type: none">- List of trackers (we can right now)- List of categories- List of statuses and their transition information- List of priorities- List of versions- List of custom fields of trackers and their meta information <p>If we can not populate these enumerations a proper issue editor GUI can not be developed. However, we can populate these fields from issue lists but if a enumeration is not set in any issue it wont be displayed.</p> <p>In addition to these, to improve responsiveness and usability we have to filter issue list by using;</p> <ul style="list-style-type: none">- Assignee- Status- Priority- Category- Tracker- Start & End Date- Affected Version- Done <p>It can be done client side but it will reduce usability dramatically in big projects with 1000+ issues.</p> <p>In our point of view, these requirements are necessary in order to develop various front ends for Redmine.</p> <p>Best regards.</p>			
Related issues:			
Related to Redmine - Feature # 7180: List of statuses in REST API		Closed	2010-12-27
Related to Redmine - Feature # 7402: REST API - Enumerations		New	2011-01-21
Related to Redmine - Feature # 11159: REST API for getting CustomField defini...		Closed	

History

#1 - 2011-03-29 00:34 - Rodrigo Recio

- File restadditions.diff added

This patch contains additions that lists issue statuses and trackers.
It does exposes assignable users and versions inside the issue.

#2 - 2011-06-16 07:08 - Bevan Rudge

- % Done changed from 0 to 50

It would be great to get this reviewed and committed.

#3 - 2011-06-16 07:18 - Bevan Rudge

This is related or duplicate of #7180 and/or #4968.

#4 - 2011-07-22 12:07 - Jean-Philippe Lang

Bevan Rudge wrote:

| *It would be great to get this reviewed and committed.*

Quick review:

- your patch makes the tracker and status lists accessible to administrators only
- no tests

#5 - 2011-07-22 12:47 - Etienne Massip

Jean-Philippe Lang wrote:

| - *your patch makes the tracker and status lists accessible to administrators only*

Actually, lists are already accessible to administrators only (in admin screens) ?

#6 - 2011-07-22 13:05 - Jean-Philippe Lang

Indeed. But if the goal is to let users retrieve trackers and statuses in order to fill an issue form or set filters, it doesn't work.

#7 - 2011-07-22 13:59 - Etienne Massip

Sure. But it would be illogical to give read-only access to these lists by API and not by application screens, wouldn't it be?

I mean, to keep some consistency, this might be the concern of a second patch which would add a new read access to referential data permission which would also allow direct access to application screens via URLs like /issue_statuses?

#8 - 2011-07-22 14:55 - Jean-Philippe Lang

Etienne Massip wrote:

| *Sure. But it would be illogical to give read-only access to these lists by API and not by application screens, wouldn't it be?*

Not so illogical if you consider that, unlike API users, web users *do not need* to access a simple read-only view of trackers or statuses.

| *I mean, to keep some consistency, this might be the concern of a second patch which would add a new read access to referential data permission which would also allow direct access to application screens via URLs like /issue_statuses?*

Users with a view_issues permission already have access to ids/names of all trackers and statuses at /issues (look at the filters). Having a permission to give access to a different *representation* of the same information is far from ideal.

I think that /trackers and /statuses should be open to API calls by non-admin. But what would be the point to have an html view other than for admins?

#9 - 2011-07-23 14:38 - Etienne Massip

Jean-Philippe Lang wrote:

| *Users with a view_issues permission already have access to ids/names of all trackers and statuses at /issues (look at the filters). Having a permission to give access to a different representation of the same information is far from ideal.*

Except that they can view issues of visible projects only, that's not exactly the same representation.

| *I think that /trackers and /statuses should be open to API calls by non-admin. But what would be the point to have an html view other than for admins?*

I guess no point, you're right. I was just wondering if it was logical to get a 403 with /issues_statuses and the full issue statuses list with /issues_statuses.xml. That somewhat means handling rights depending upon required format.

Anyway, I'm discussing something that is not very useful, I agree with that.

#10 - 2011-07-23 15:32 - Jean-Philippe Lang

Etienne Massip wrote:

| *Except that they can view issues of visible projects only, that's not exactly the same representation.*

Not matter which issues or projects they can see, they can always see the list of **all** statuses and trackers in the filters.

| *I guess no point, you're right. I was just wondering if it was logical to get a 403 with /issues_statuses and the full issue statuses list with /issues_statuses.xml. That somewhat means handling rights depending upon required format.*

Maybe a 406 would be more appropriate :-)

#11 - 2011-07-23 15:58 - Etienne Massip

Jean-Philippe Lang wrote:

*Not matter which issues or projects they can see, they can always see the list of **all** statuses and trackers in the filters.*

Oh, sorry, I thought they could only see statuses used in workflows tied to trackers of the project.

I guess no point, you're right. I was just wondering if it was logical to get a 403 with /issues_statuses and the full issue statuses list with /issues_statuses.xml. That somewhat means handling rights depending upon required format.

Maybe a 406 would be more appropriate :-)

405 ? :o

#12 - 2011-07-23 16:28 - Etienne Massip

Not 405, 406 is right.

#13 - 2011-08-29 10:13 - Etienne Massip

- Target version set to Candidate for next major release

Pushed for complement of #7180 and #7402 for custom fields.

#14 - 2011-11-14 18:50 - Alex Last

I think this should be moved to version 1.3.0

#15 - 2013-08-30 10:37 - Jaap de Haan

Relates to the newer ticket #11159, asking for the implementation of export of custom fields information.

#16 - 2013-09-09 01:45 - Toshi MARUYAMA

- Related to Feature #11159: REST API for getting CustomField definitions added

Files

restadditions.diff	4.05 KB	2011-03-28	Rodrigo Recio
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