

## Redmine - Defect #6136

### JSON API holds less information than XML API

2010-08-13 14:25 - Jay Down

<b>Status:</b>	Closed	<b>Start date:</b>	2010-08-13
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	REST API	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.1.0	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Currently the JSON API provides less information than the XML API. E.g. custom fields (resolution) isn't accessible by the JSON API.  Example: <a href="http://svn.jdownloader.org/issues/1531.json">http://svn.jdownloader.org/issues/1531.json</a> <a href="http://svn.jdownloader.org/issues/1531.xml">http://svn.jdownloader.org/issues/1531.xml</a>  (1.0.0.stable.3936)			
<b>Related issues:</b>			
Duplicated by Redmine - Defect # 7158: Issues Custom fields not in json		<b>Closed</b>	<b>2010-12-22</b>

#### Associated revisions

##### Revision 4458 - 2010-12-03 14:52 - Jean-Philippe Lang

Converts IssuesController to use the new API template system and makes xml/json responses consistent (#6136).

#### History

##### #1 - 2010-08-15 23:31 - Adam Soltys

This appears to be happening because the issue show action has a custom view (show.builder.xml) that is including the issue's relations, custom fields, etc. whereas the JSON format uses default to\_json method on the issue model which doesn't include those things.

I'm going to tackle this by moving the XML builder code into the issue model's to\_xml method instead of a view file. Then I'll make the issue's to\_json method just call the to\_xml method and convert the XML to JSON so we only need to maintain the serialization code in one place.

##### #2 - 2010-08-15 23:46 - Adam Soltys

- File *issue\_serialization\_patch.diff* added

I think this patch addresses the issue. The changes are also available at [http://github.com/asoltys/redmine/tree/issue\\_serialization](http://github.com/asoltys/redmine/tree/issue_serialization)

##### #3 - 2010-08-19 03:36 - Eric Davis

- Target version set to *Unplanned backlogs*

This is a real problem with using the XML views. Instead of overriding to\_xml, I'm wondering if there is a common method we can make so both XML and JSON formats are always the same. Example:

```
def to_xml
```

```
self.to_api_format(:xml)
end

def to_json
  self.to_api_format(:json)
end

def to_api_format(renderer)
  {
    :id => self.id,
    :subject => self.subject,
    # ....
  }
  # ...
end
```

#### #4 - 2010-12-03 15:04 - Jean-Philippe Lang

- Status changed from New to Closed
- Target version changed from Unplanned backlogs to 1.1.0
- Resolution set to Fixed

Fixed in r4458. xml and json responses now use the same template.

#### Files

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issue_serialization_patch.diff	7.26 KB	2010-08-15	Adam Soltys
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