

## QueriesController can not handle subclass of IssueQuery

2022/05/09 18:13 - Admin Redmine

|                 |                                      |                      |            |
|-----------------|--------------------------------------|----------------------|------------|
| ステータス:          | Closed                               | 開始日:                 | 2022/05/09 |
| 優先度:            | 通常                                   | 期日:                  |            |
| 担当者:            |                                      | 進捗率:                 | 0%         |
| カテゴリ:           | Issues filter_56                     | 予定工数:                | 0.00時間     |
| 対象バージョン:        | 4.1.0_127                            | 作業時間:                | 0.00時間     |
| Redmineorg_URL: | https://www.redmine.org/issues/25265 | status_id:           | 5          |
| category_id:    | 56                                   | tracker_id:          | 3          |
| version_id:     | 127                                  | plus1:               | 0          |
| issue_org_id:   | 25265                                | affected_version:    |            |
| author_id:      | 102443                               | closed_on:           |            |
| assigned_to_id: | 1                                    | affected_version_id: |            |
| comments:       | 8                                    |                      |            |

## 説明

I have a PivotQuery, it's a subclass of IssueQuery.  
But Query don't think it is subclass of himself.  
So, r15635 let my plugin down.

I changed QueriesController to fix it.

OLD CODE:

```
def query_class
  Query.get_subclass(params[:type] || 'IssueQuery')
end
```

New Code

```
def query_class
  get_query_class(params[:type] || 'IssueQuery')
end

def get_query_class(class_name)
  klass = nil
  begin
    klass = class_name.to_s.classify.constantize
  rescue
    # invalid class name
  end
  unless klass && klass.new.is_a?(Query)
    klass = nil
  end
  klass
end
```

## journals

**Maybe `{color:red}@klass < Query@%` is better than `{color:red}@klass && klass.new.is_a?(Query)@%`.**

We should be able to fix `@get_subclass@` instead:

Index: lib/redmine/subclass\_factory.rb

```
=====
--- lib/redmine/subclass_factory.rb (revision 16379)
+++ lib/redmine/subclass_factory.rb (working copy)
```

```
@@ -29,7 +29,7 @@
      rescue
        # invalid class name
      end
-      unless subclasses.include? klass
+      unless descendants.include? klass
        klass = nil
      end
    end
  end
end
class
```

**Would it work for you?**

Hi Jean-Philippe,

**your suggested change would be fix problems for some plugins, which I maintain. It would be nice to get this change in a upcoming release.**

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**This change is only available in trunk, but not in Branch 4.1-stable - as this issue shows. Can we get this to 4.1-stable branch?**

Alexander Meindl wrote:

This change is only available in trunk, but not in Branch 4.1-stable - as this issue shows. Can we get this to 4.1-stable branch?

**It is already on 4.1-stable branch, pleasee  
source:branches/4.1-stable/lib/redmine/subclass\_factory.rb#L34.**

**You are right! Sorry for bothering you about this.**

## 履歴

#1 - 2022/05/10 17:06 - Admin Redmine

- カテゴリ を *Issues filter\_56* にセット

- 対象バージョン を *4.1.0\_127* にセット