Redmine - Defect #29195

Regular expression for Long text formatted custom fields does not work multiline

2018-07-05 06:31 - Juan Garcia

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Custom fields	**Estimated time:**	0.00 hour
Target version:			
Resolution:		**Affected version:**	3.4.6

Description

When using custom fields with format **Long text**, the **Regular expression** does not fully validate the field, as it seems to not be working multiline and global.

Using our case as example for this issue:

We want to validate a field named **Steps to reproduce**. We use the following regex:

```
(([1-9]+[0-9]*\. [A-Z]+.*?(\n|$))+)
```

And the following field **Default value** as a template:

```
1. Start the application
2.
. Observe the issue
```

The template by itself without modification by the issue reporter should not validate. A valid example of a correct field would be:

```
1. Start the application
2. Go to "Help"
3. Click "About"
4. Observe the issue
```

However, Redmine only validates the first line of the field. If the first line line does not pass the regex test, Redmine correctly complains "Steps To Reproduce is invalid". But it does ignores everything in the following lines.

There is no workaround that could work by rewriting the regular expression.

Possible solutions:

1. Make all **Long text** custom fields regex global and multiline by default
2. Add additional checkboxes in custom field edit page with **Multiline** and **Global** to complement the **Regular expression** field

Environments:

We can confirm this issue in both our current production environment as well as our test environment (the version of which will be migrating our production environment soon).

```
Production Environment:
  Redmine version                3.2.1.stable
  Ruby version                   2.3.4-p301 (2017-03-30) [x86_64-linux-gnu]
  Rails version                  4.2.6
  Environment                    production
  Database adapter               Mysql2

Test Enviroment:
Environment:
  Redmine version                3.4.2.stable
  Ruby version                   2.3.4-p301 (2017-03-30) [x86_64-linux-gnu]
  Rails version                  4.2.8
  Environment                    production
  Database adapter               Mysql2
```