

Redmine - Defect #36932

Handle nil return of Redmine::Themes.theme(Setting.ui\_theme) in Redmine::Info.environment

2022-04-11 08:04 - Mischa The Evil

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Marius BĂLTEANU	% Done:	0%
Category:	Administration	Estimated time:	0.00 hour
Target version:	5.0.1	Affected version:	5.0.0
Resolution:	Fixed		

**Description**

The code introduced in [r21308](#) for [#32116](#) can trigger an undefined method error in some edge-case(s). See [Administration>Information page Internal error](#). It turns out that it can happen that Setting.ui\_theme.blank? returns false while Redmine::Themes.theme(Setting.ui\_theme) returns nil. This is not expected while sending a message to Redmine::Themes.theme(Setting.ui\_theme).javascripts.include? in [source:/trunk/lib/redmine/info.rb@21529#L25](#).

The error can be reproduced (manually) on the console by setting a non-existing value for Setting.ui\_theme like e.g. Setting.ui\_theme = 'foo' and subsequently sending a message to Redmine::Info.environment. This effectively simulates the edge-case that is reported in the forum thread by [Greg G.](#)

This can be solved by changing lines 23-32 in [source:/trunk/lib/redmine/info.rb@21529#L23](#) from:

```
theme = Setting.ui_theme.blank? ? 'Default' : Setting.ui_theme.capitalize
unless Setting.ui_theme.blank?
  theme_js = (if Redmine::Themes.theme(Setting.ui_theme).javascripts.include?('theme')
              ' (includes JavaScript)'
            else
              ''
            end
            )
end
theme_string = (theme + theme_js.to_s).to_s
```

to:

```
theme_string = ''
theme_string += (Setting.ui_theme.blank? ? 'Default' : Setting.ui_theme.capitalize)
unless Setting.ui_theme.blank? ||
  Redmine::Themes.theme(Setting.ui_theme).nil? ||
  !Redmine::Themes.theme(Setting.ui_theme).javascripts.include?('theme')
  theme_string += ' (includes JavaScript)'
end
```

This change also fixes the issue that the theme\_js variable is defined conditionally but is unconditionally "used", which I feel is bad practice.

This issue affects [5.0.0](#) and current [source:/trunk@21529](#).

<b>Related issues:</b>	
Related to Redmine - Feature #32116: Add configured theme to Redmine::Info	Closed

Associated revisions

**Revision 21541 - 2022-04-27 22:56 - Marius BĂLTEANU**  
Handle nil return of Redmine::Themes.theme(Setting.ui\_theme) in Redmine::Info.environment (#36932).  
Patch by Mischa The Evil.

**Revision 21542 - 2022-04-27 22:56 - Marius BĂLTEANU**

Add test for #36932.

**Revision 21546 - 2022-04-28 07:40 - Marius BĂLTEANU**

Merged r21541 and r21542 to 5.0-stable (#36932).

## History

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**#1 - 2022-04-11 08:24 - Mischa The Evil**

- *Related to Feature #32116: Add configured theme to Redmine::Info added*

**#2 - 2022-04-27 22:58 - Marius BĂLTEANU**

- *Status changed from Confirmed to Resolved*

- *Assignee set to Marius BĂLTEANU*

- *Resolution set to Fixed*

Committed the patch with a test.

**#3 - 2022-04-28 07:41 - Marius BĂLTEANU**

- *Status changed from Resolved to Closed*