

## 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

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Marius BĂLTEANU	<b>% Done:</b>	0%
<b>Category:</b>	Administration	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	5.0.1	<b>Affected version:</b>	5.0.0
<b>Resolution:</b>	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](#).

#### Related issues:

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*