

## Redmine - Feature #12889

### Persian Solar Calendar is needed

2013-01-17 23:42 - shakib a

<b>Status:</b> New	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Calendar	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Resolution:</b>	
<b>Description</b>	
<p>Hi,</p> <p>There is a lack of Persian Solar Calendar (Hejri Shamsi or تقویم شمسی). This calendar as the most accurate calendar in the world (<a href="http://en.wikipedia.org/wiki/Iranian_calendars">http://en.wikipedia.org/wiki/Iranian_calendars</a>) is used by more than 100 milion people and is really lacked here in this greate bug tracking software i.e. Redmine.</p> <p>Thanks</p>	
<b>Related issues:</b>	
Duplicated by Redmine - Feature # 7711: Jalali Calendar	<b>Closed</b> <b>2011-02-24</b>
Duplicated by Redmine - Feature # 21935: Fullcalendar in Redmine	<b>Closed</b>

#### History

##### #1 - 2013-01-18 00:10 - Jean-Philippe Lang

- Description updated

Fixed wrong link syntax.

##### #2 - 2013-01-18 00:10 - Jean-Philippe Lang

- Priority changed from High to Normal

##### #3 - 2013-01-18 00:35 - shakib a

Jean-Philippe Lang wrote:

Fixed wrong link syntax.

Is there any way to hook all the the Redmine calendar refrences and provide a Persian Calendar in reply?

I am not familiar with ruby but can program in Delphi. I also have some programs which can translate any Gregorian Calendar into the Persian equivalent. Can you guide me how to insert such a code into Redmine?

I also can create Apache SO files with Delphi.

##### #4 - 2013-01-19 00:01 - Jean-Philippe Lang

Redmine uses JQuery and this JQuery plugin provides Persian calendars: <http://keith-wood.name/calendars.html>. I didn't test it and don't know if we can easily replace the default JQuery Datepicker used in Redmine by this one.

##### #5 - 2013-01-19 20:04 - shakib a

I checked the files but could not correctly find the actual connection between the JQuery Calendar CDate and DatePickers with Redmine ruby files! I thought it is somewhere in the "D:\BitNami\redmine-2.2.0-0\apps\redmine\htdocs\app\helpers\application\_helper.rb" but it seems to be wrong! (I changed the "i18n/jquery.ui.datepicker-#{jquery\_locale}.js" but nothing changed in the date pickers) Should ruby files be compiled? I am running Redmine on Win Server 2003.

**#6 - 2013-12-23 14:41 - Ebrahim Mohammadi**

This issue is a duplicate of #7711

Supporting calendar systems other than Gregorian in Redmine takes much more than just replacing the date picker. I had developed a work-aroundish patch for version 1.2 of Redmine, but haven't updated it to newer versions.

If Redmine could provide a single pluggable point for:

1. Rendering date and time from timestamp to a human-readable string
2. Parsing date and time from human-readable string into timestamp

one could add a new calendar system fairly easily. The problem is currently there are many many points in the code that do these two task, and sometimes it is done implicitly under the hoods.

jplang, do you think Redmine would provide the facility to support alternative calendar systems?

**#7 - 2013-12-24 10:34 - Toshi MARUYAMA**

- Duplicated by Feature #7711: Jalali Calendar added

**#8 - 2014-04-16 22:51 - shakib a**

Ebrahim Mohammadi wrote:

*This issue is a duplicate of #7711*

*Supporting calendar systems other than Gregorian in Redmine takes much more than just replacing the date picker. I had developed a work-aroundish patch for version 1.2 of Redmine, but haven't updated it to newer versions.*

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*jplang, do you think Redmine would provide the facility to support alternative calendar systems?*

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```

```
def shamsi_date(date)
  shamsi=`bin/shamsi_date #{date}`
end
```

#####

```
require 'cgi'
```

##### (#####):

```
# Redmine - project management software
# Copyright (C) 2006-2012 Jean-Philippe Lang
#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the GNU General Public License
# as published by the Free Software Foundation; either version 2
# of the License, or (at your option) any later version.
#
# This program is distributed in the hope that it will be useful,
# but WITHOUT ANY WARRANTY; without even the implied warranty of
# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
# GNU General Public License for more details.
#
# You should have received a copy of the GNU General Public License
# along with this program; if not, write to the Free Software
# Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
require 'cgi'
```

```
module Redmine
  module I18n
    def self.included(base)
      base.extend Redmine::I18n
    end

    def I(*args)
      case args.size
      when 1
        ::I18n.t(*args)
      when 2
        if args.last.is_a?(Hash)
          ::I18n.t(*args)
        elsif args.last.is_a?(String)
          ::I18n.t(args.first, :value => args.last)
        else
          ::I18n.t(args.first, :count => args.last)
        end
      end
    end
  end
end
```

```

else
  raise "Translation string with multiple values: #{args.first}"
end
end

def l_or_humanize(s, options={})
  k = "#{options[:prefix]}#{s}".to_sym
  ::I18n.t(k, :default => s.to_s.humanize)
end

def l_hours(hours)
  hours = hours.to_f
  l((hours < 2.0 ? :label_f_hour : :label_f_hour_plural), :value => ("%0.2f" % hours.to_f))
end

def ll(lang, str, value=nil)
  ::I18n.t(str.to_s, :value => value, :locale => lang.to_s.gsub(%r{(.+)\.(.+)$} { "#{$1}-#{$2.upcase}" })
end

def shamsi_date(date)
  shamsi=`bin/shamsi_date #{date}`
end

def format_date(date)
  return nil unless date
  options = {}
  options[:format] = Setting.date_format unless Setting.date_format.blank?
  options[:locale] = User.current.language unless User.current.language.blank?
  ::I18n.l(date.to_date, options)
  shamsi_date(date)
end

```

تس ۱۳۹۴ خرداد ۱۷ ۰۰:۱۷ - عbrahim Mohammadi

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**#9 - 2014-04-17 00:17 - Ebrahim Mohammadi**

Actually I've started providing a Persian localization of Redmine as both SaaS (hosted) and on-premises solution named [Peygir](#). It support Persian calendar almost everywhere, including Gantt and calendar views and date input fields.

It also features a usable Persian translation, despite the official translation provided by Redmine. I guess you've seen the discussion at #7418! ;-)

I'm very excited to have your feedback. I can setup a trial service for you for free if you'd like to try it. Just contact me. :)

Update: All changes are done as plugins, hence no GPL violation. Hereby I'd like to appreciate great work of Redmine developers, specially JPL. Thanks! :)

**#10 - 2014-04-19 00:01 - shakib a**



since <https://github.com/ImenDabaParsian/fullcalendar> is fully support jalali day,week,month and ... can anyone replace it with current calendar ?

**#16 - 2016-07-14 07:20 - shakib a**

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**#17 - 2016-11-22 06:26 - a m**

shakib a wrote:

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hi, how can I contact you by email?

**#18 - 2017-02-28 14:14 - shakib a**

a m wrote:

| *shakib a wrote:*  
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| *hi, how can I contact you by email?*

yes: [shakifa@chmail.ir](mailto:shakifa@chmail.ir)

**#19 - 2017-07-31 13:41 - shakib a**

shakib a wrote:

| *a m wrote:*  
| | *shakib a wrote:*  
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| | *hi, how can I contact you by email?*  
| *yes: [shakifa@chmail.ir](mailto:shakifa@chmail.ir)*

I have created a full ready redmine with persian calendar and many working plugins for farsi language as a vmware machine. Anyone can contact me.  
email: [shakifa@chmail.ir](mailto:shakifa@chmail.ir)

(I am so busy and have little time to customize or deliver, so priority is for rich mans!)