

## Redmine - Patch #19468

### Replace jQuery UI DatePicker with native browser date fields when available

2015-03-24 17:36 - Jan from Planio [www.plan.io](http://www.plan.io)

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	UI	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.3.0		
<b>Description</b>			
Some browsers have started to implement the input type "date" and are rendering nice native date pickers.			
Here's a patch that uses Rails' date_field instead of text_field. To still support browsers which are not implementing date fields, the jQuery UI Datepickers are still rendered when date fields are not available.			
This is especially useful on mobile devices where the jQuery UI Datepickers do not seem to work well, at least not in combination with <a href="#">#19097</a> it seems.			
Here's a nice list of browsers that support this feature: <a href="http://caniuse.com/#feat=input-datetime">http://caniuse.com/#feat=input-datetime</a> and here's a screenshot of what it looks like on Chrome for OS X:			
native_datepicker.png			
<b>Related issues:</b>			
Related to Redmine - Feature #19097: Responsive layout for mobile devices		<b>Closed</b>	
Related to Redmine - Feature #23892: Switch date pickers embedded in browsers...		<b>New</b>	
Related to Redmine - Defect #31077: "Icon for DatePicker" does not appear aft...		<b>Closed</b>	
Related to Redmine - Defect #31259: Redmine DatePicker does not show in Firefox		<b>Closed</b>	
Has duplicate Redmine - Feature #13509: Better mobile support: input with date		<b>Closed</b>	

#### Associated revisions

##### Revision 15375 - 2016-05-07 10:05 - Jean-Philippe Lang

Use HTML5 date input fields instead of text fields with jquery ui date pickers (#19468).

Patch by Jan Schulz-Hofen.

#### History

##### #1 - 2015-03-24 17:36 - Jan from Planio [www.plan.io](http://www.plan.io)

- Related to Feature #19097: Responsive layout for mobile devices added

##### #2 - 2015-03-25 16:29 - Jan from Planio [www.plan.io](http://www.plan.io)

- File 0001-Use-HTML5-date-input-fields-instead-of-text-fields-w.patch added

Revising the patch in order to also change date fields in issue queries/filters

##### #3 - 2015-03-25 16:29 - Jan from Planio [www.plan.io](http://www.plan.io)

- File deleted (0001-Use-HTML5-date-input-fields-instead-of-text-fields-w.patch)

##### #4 - 2015-04-01 05:16 - Go MAEDA

I have tried the patch with Chrome (Mac).

It looks neat but ignores 'Start calendars on' setting.

##### #5 - 2015-04-01 07:23 - Go MAEDA

- Has duplicate Feature #13509: Better mobile support: input with date added

##### #6 - 2015-04-07 12:36 - Jan from Planio [www.plan.io](http://www.plan.io)

Go MAEDA wrote:

It looks neat but ignores 'Start calendars on' setting.

Yes, the same goes for the language. Since it's a browser widget, it follows the settings defined in the Operating System, not in Redmine. The HTML5 tag does not support supplying a "start calendar on" setting. So this is a limitation we would have to live with.

Redmine's "Start calendars on" setting is still useful for e.g. the Calendar view in projects, so we should keep it in any case.

**#7 - 2016-05-01 03:18 - Go MAEDA**

- File 19468-for-r15361.diff added
- Status changed from Needs feedback to New
- Target version set to 3.3.0

I slightly modified Jan's patch for the latest trunk([r15361](#)).

Although it ignores 'Start calendars on' setting, I think this is not a problem because it respects the settings defined in the operating system as Jan said.

Jan from Planio [www.plan.io](http://www.plan.io) wrote:

This is especially useful on mobile devices where the jQuery UI Datepickers do not seem to work well, at least not in combination with [#19097](#) it seems.

Absolutely. Redmine supports responsive layouts since 3.2.0. I suggest including this feature in Redmine 3.3.0.

**#8 - 2016-05-07 10:06 - Jean-Philippe Lang**

- Category set to UI
- Status changed from New to Closed
- Assignee set to Jean-Philippe Lang

Committed, thanks.

**#9 - 2016-07-01 17:25 - Toshi MARUYAMA**

Jan from Planio [www.plan.io](http://www.plan.io) wrote:

Go MAEDA wrote:

It looks neat but ignores 'Start calendars on' setting.

Yes, the same goes for the language. Since it's a browser widget, it follows the settings defined in the Operating System, not in Redmine. The HTML5 tag does not support supplying a "start calendar on" setting. So this is a limitation we would have to live with.

Redmine's "Start calendars on" setting is still useful for e.g. the Calendar view in projects, so we should keep it in any case.

Ref: [#23224](#).

**#10 - 2016-08-23 18:21 - Luc Luc**

Native date picker breaks Redmine Settings, see [#23224](#).

Thanks,  
Luc

**#11 - 2016-09-22 14:57 - Toshi MARUYAMA**

- Related to Feature #23892: Switch date pickers embedded in browsers or bundled in redmine added

**#12 - 2017-01-02 12:09 - Kush Suryavanshi**

Sorry, if this a stupid question - but, if we apply this patch, will we be able to use the "time" functionality that's mentioned in [#5458](#)? It seems that we need to use JQuery input for [#5458](#) but this patch will give preference to native pickers. Thanks for the help.

**#13 - 2017-01-02 12:20 - Jan from Planio [www.plan.io](http://www.plan.io)**

Kush Suryavanshi wrote:

Sorry, if this a stupid question - but, if we apply this patch, will we be able to use the "time" functionality that's mentioned in [#5458](#)? It seems that we need to use JQuery input for [#5458](#) but this patch will give preference to native pickers. Thanks for the help.

[#5458](#) has not been committed to Redmine yet. There are native time pickers as well using `<input type="time">` which can be used for [#5458](#) if implemented.

**#14 - 2017-01-02 13:14 - Kush Suryavanshi**

Thanks much Jan. Appreciate your prompt input.

**#15 - 2019-05-05 13:41 - Marius BĂLTEANU**

- Related to Defect [#31077](#): "Icon for Datepicker" does not appear after status was changed. added

**#16 - 2019-05-05 13:43 - Marius BĂLTEANU**

- Related to Defect [#31259](#): Redmine Datepicker does not show in Firefox added

**Files**

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native_datepicker.png	59.6 KB	2015-03-24	Jan from Planio <a href="http://www.plan.io">www.plan.io</a>
0001-Use-HTML5-date-input-fields-instead-of-text-fields-w.patch	10.2 KB	2015-03-25	Jan from Planio <a href="http://www.plan.io">www.plan.io</a>
19468-for-r15361.diff	9.17 KB	2016-05-01	Go MAEDA