

## Redmine - Feature #1077

### ICS view of Calendar

2008-04-18 23:01 - Adam Knight

<b>Status:</b>	New	<b>Start date:</b>	2008-04-18
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	90%
<b>Category:</b>	Feeds	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Resolution:</b>			
<b>Description</b>			
It would be really nice if we could get an ICS view of a project calendar similar to how we get RSS feeds of project activity. This way users can see all the events (and milestones/versions) in their calendar software and the activity in their RSS readers.			
<b>Related issues:</b>			
Duplicated by Redmine - Feature # 1442: ICS generation		<b>Closed</b>	<b>2008-06-13</b>
Duplicated by Redmine - Feature # 6168: ical subscription for calendar		<b>Closed</b>	<b>2010-08-18</b>

### History

#### #1 - 2008-04-20 21:46 - Maxim Krušina

+1

#### #2 - 2008-04-22 02:35 - Stephanie Collett

+1

#### #3 - 2008-04-30 23:17 - Florian L

- File *ICS\_Support.patch* added
- Status changed from *New* to *Resolved*
- Target version set to *0.7.1*
- % Done changed from *0* to *100*

This patch add the fonctionnality : "Also available in: iCal" !

I worked with the revision 1388.

This patch provide all the events from the beginning of the project till now.

Enjoy,  
Florian

#### #4 - 2008-04-30 23:21 - Florian L

Its based on <http://icalendar.rubyforge.org/>

So you need to install iCalendar via GEM :

1. gem install icalendar

**#5 - 2008-05-01 18:39 - Thomas Lecavelier**

- Status changed from Resolved to 7
- % Done changed from 100 to 50

Florian,

Please correct these problems with your patch:

1. the patch don't mention the r1388, applying it will mess the merger
2. the file app/views/projects/calendar.rhtml is binary encoded instead of text
3. a minimal test harness should be a real plus for integrating this patch

**#6 - 2008-05-02 20:25 - Jean-Philippe Lang**

- Target version deleted (0.7.1)

**#7 - 2008-05-05 19:35 - Florian L**

- File ICS\_Support\_\_2.patch added
- % Done changed from 50 to 90

New version. Bugs fixed. Tested on two production version.

Any feedbacks ?

**#8 - 2008-05-05 19:47 - Florian L**

- Target version set to 0.8

**#9 - 2008-06-05 11:34 - yann belot**

Hi,

how can we use it ?

thx

**#10 - 2008-08-08 11:58 - Daniel Netzer**

+1 Would be a very cool feature.

**#11 - 2008-09-09 10:25 - Joris Verschoor**

If I go to: <http://xxxxxx/projects/calendar/PROJECTNAME?format=ics> I get a missing template error:

ActionController::MissingTemplate (Missing template common/calendar.ics.erb in view path xxxxx/redmine-0.7.3/app/views):

**#12 - 2008-11-05 10:16 - Jan Ivar Beddari**

+1

Combining ICS-support with something like <http://remotecalendars.sourceforge.net> would be of great value in enterprise use cases. Remote access would need to be secured somehow, does this patch already add some sort of password auth? Please excuse my limited knowledge here ..

**#13 - 2008-11-11 10:39 - Jean-Philippe Lang**

- Target version deleted (0.8)

**#14 - 2008-11-24 10:22 - Mihail M**

it`s work with 0.8 ?

**#15 - 2008-11-24 22:42 - Florian L**

I dont test it with 0.8. I'll work on it.

@Joris Verschoor :

Just create the file calendar.ics.erb in /app/views/common with this :

**#16 - 2008-11-26 05:17 - Myles Braithwaite**

Could you also support issue exported as tasks?

**#17 - 2009-04-27 13:55 - Jens Goldhammer**

+1

**#18 - 2009-06-19 17:08 - Frotran Def**

+1

**#19 - 2009-07-17 11:07 - Joan Ginard**

+1

I cannot make ICS\_Support\_\_2.patch to work on 0.8.2.

Think feature is very very useful to get many peoples's calendar apps sincronized.

**#20 - 2009-09-03 12:03 - Maxim Krušina**

+1000 - can someone create plugin for this?

**#21 - 2009-09-07 10:43 - Sławek Goszcz**

- File *ICS\_Support\_\_3.patch* added

I've created a patch for version 0.8.4. I think it will be usefull.

**#22 - 2009-09-07 22:54 - Maxim Krušina**

Slavek> Great! ;) Please, is it possible to convert it to plugin? Patches and not so much friendly with SVN update ...

**#23 - 2009-09-29 12:16 - Mike Heininger**

Would it be possible to add "key" authentication like with the RSS feeds?

**#24 - 2009-09-30 21:38 - Pablo 09**

+1

I have tried to apply path on trunk but i havent application.rb, i have application\_controller.rb How can i apply the path??

Thanks

**#25 - 2009-11-23 21:55 - Frank Schwarz**

- File *ICS\_Support\_\_4.patch* added

Patch adopted to current trunk

**#26 - 2009-11-24 07:03 - Frank Schwarz**

- File *ICS\_Support\_\_5.patch* added

There was one file missing in patch 4, so new patch 5.

**#27 - 2009-12-08 15:20 - Nick Wilsdon**

We've got a problem with this, using patch 5 and v. 0.8.7 redmine. Links are appearing ok on the issues page. Clicking in FF prompts to download file. Google doesn't seem to like the URL or the file as a manual upload.

Error on manual upload:

Processed zero events

Failed to import events: unable to process your iCal/CSV file...

Looked at the file - seems ok but I don't know the format for iCal.

**#28 - 2009-12-09 00:04 - Mischa The Evil**

Nick Wilsdon wrote:

| *We've got a problem with this, using patch 5 and v. 0.8.7 redmine. [...]*

attachment:ICS\_Support\_\_5.patch is for source:/trunk only. Latest iteration of the patch for source:/branches/0.8-stable is attachment:ICS\_Support\_\_3.patch.

Please note that I haven't tested the patches myself...

**#29 - 2010-02-02 23:23 - Fred M.**

Hi,

Is there any plan to update the patch files for Redmine 0.9.1 ? It does not seem a big work to edit the patch, but I've absolutely no knowledge in RoR...

Thanks in advance !

Fred.

**#30 - 2010-02-04 17:10 - Erik-Jan Jaquet**

Hi all,

I am running the current stable version of Redmine (0.8.7). I have changed the 3 files according to path #3, which should be working for the stable release.

But when I reboot, nothing happens. I don't see any link to the ICS view? How do I apply this patch?

Kind regards,

Erik-Jan

**#31 - 2010-02-06 16:11 - Fred M.**

Hi,

I manually applied the patch v5 to my files and it's now working. I also updated the code to export items in the form of calendar tasks, and it's working find.

I think it would be even better if it was possible to provide the task export in the issues list, at the same place than Atom/PDF/CSV links. This would be very useful since it would enable to subscribe to custom issue list instead of all issues of the project. Again, I'd be glad to do it myself, but I have actually no knowledge in ruby and even less in Redmine design...

If anybody is interested by the patch for 0.9.1, please ask I would try to provide an SVN patch...

Thanks again,

Fred.

**#32 - 2010-02-09 11:37 - Red Mind**

Fred M. wrote:

| *If anybody is interested by the patch for 0.9.1, please ask I would try to provide an SVN patch...*

Hi,

I am interested by your patch.

Thanks

**#33 - 2010-02-11 08:07 - David Bauer**

Hi,

thanks for your work on that. I would also be interested in the SVN patch.

Thanks again,

David

**#34 - 2010-02-11 11:07 - Maxim Krušina**

Can someone create plugin or integrate it into trunk, please? ;)

**#35 - 2010-02-27 12:14 - Xavier Moles Lopez**

Sławek Goszcz wrote:

| *I've created a patch for version 0.8.4. I think it will be usefull.*

This patch didn't worked for me (with version 0.8.4 stable). Are there any prerequisite for this patch to work? Do I need to apply first patches 1 and 2?

Thanks for the good job you're doing!

Xavier

**#36 - 2010-02-27 13:30 - Xavier Moles Lopez**

| *This patch didn't worked for me (with version 0.8.4 stable). Are there any prerequisite for this patch to work? Do I need to apply first patches 1 and 2?*

| *Thanks for the good job you're doing!*

| *Xavier*

I found out that Sławek's patch do actually work! The confirmation on [UBC Redmine page](#)

Although the changes are not visible, the adress of the ics calendar is available and working...

**#37 - 2010-03-02 16:03 - Maxim Krušina**

Please, is it possible/simple to convert this functionality into plugin?

**#38 - 2010-03-17 21:36 - Michael Hellein**

I've almost finished turning this code into a plugin. I don't have enough time to finish now, but I hope to be able to provide something relatively soon.

**#39 - 2010-04-15 10:45 - Carl Pef**

Thanks for your work Michael !

Indeed, a plugin would be very nice :)

**#40 - 2010-05-30 18:23 - y v**

- *File redmine-0.9-stable-roadmap-icalendar-ics-export.patch added*

Hi,

I just wrote a patch which works with version 0.9 stable and does it a bit different than your approaches.

In my opinion we should focus on the roadmap and so exporting versions as events (*VEVENT*) and its issues as todos (*VTODO*). I used the [VPIM](#) gem and tested my integration with iCal on Mac OS X 10.6. With this patch you can:

- Subscribe to a roadmap of a project or download it as static file
- See its issues with priority and status

I added some screenshots for you (make sure that you deactivate the *Remove ToDo options* when subscribing to a calendar).

After uploading this stuff I'll [fork the project on GitHub](#) and apply those changes there.

**#41 - 2010-05-30 18:24 - y v**

- *File redmine-roadmap.png added*
- *File ical-overview.png added*
- *File ical-subscription.png added*
- *File ical-todo.png added*
- *File ical-url.png added*
- *File redmine-roadmap-2.png added*

**#42 - 2010-06-05 14:51 - Fred M.**

Hi,

Many thanks Yves for your patch, it is working very well and your approach is fine for me :)

However, you did not support sub-domains or secured protocol in your code. The workaround is quite simple : add the parameters  
:only\_path => false, :host => Setting.host\_name

to every call of `url_for` and `link_to` methods.

Here are the updated occurrences of these methods:

- `app/controllers/projects_controller.rb` line 345:

```
event.url url_for(:controller => 'versions', :action => 'show', :id => version, :only_path => false, :host => Setting.host_name)
```

- `app/controllers/projects_controller.rb` line 355:

```
options.push Vpim::DirectoryInfo::Field.create('URL', url_for(:controller => 'issues', :action => 'show', :id => issue, :only_path => false, :host => Setting.host_name))
```

- `app/views/projects/roadmap.rhtml` line 48:

```
<%= link_to 'iCalendar', :controller => 'projects', :action => 'roadmap', :format => 'ics', :key => User.current.rss_key, :only_path => false, :host => Setting.host_name, :protocol => 'webcal' %><br />
```

The link using the webcal protocol is not working for me since my Redmine server is only available through HTTPS, but anyway I just have to subscribe to the ics file itself and it's working well.

Please note that the value inside `Setting.host_name` is the value set in the Administration section Settings. It should contain only the domain name without the trailing slash, like `https://redmine.mycompany.com`.

Hope this would help :)

Regards,  
Fred.

**#43 - 2010-06-07 22:19 - y v**

Hi Fred,

thanks for you reply. I added your changes to the [GitHub repository](#)

I left out the changes in `app/views/projects/roadmap.rhtml` because there's no SSL pendant for webcal-protocol (like e.g. `ldaps` for `ldap`). As far as I know we currently would have to utilize CalDAV if we wanted to encrypt our calendar stuff over the wire...

**To anyone who wants to use this changes** - please refer to the [GitHub repository](#) if the patch above doesn't work for you.

**#44 - 2010-09-20 14:35 - Daniel Schuba**

duplicate here #6168

**#45 - 2010-09-27 09:56 - Kasper Nielsen**

Yves Vogl wrote:

*Hi Fred,*

*thanks for you reply. I added your changes to the [GitHub repository](#)*

2019-06-20

8/14

I left out the changes in `app/views/projects/roadmap.rhtml` because there's no SSL pendant for webcal-protocol (like e.g. `ldaps` for `ldap`). As far as I know we currently would have to utilize CalDAV if we wanted to encrypt our calendar stuff over the wire...

**To anyone who wants to use this changes** - please refer to the [GitHub repository](#) if the patch above doesn't work for you.

Is someone still working on this? I get a "repository does not exist" when clicking the GitHub link.

#### #46 - 2010-10-04 23:09 - Frank Schwarz

Maxim Krušina wrote:

*Please, is it possible/simple to convert this functionality into plugin?*

Here you are: <http://code.google.com/p/redmics/>

Feedback is welcome.

#### #47 - 2010-10-06 10:42 - Jan from Planio [www.plan.io](http://www.plan.io)

I created a [modified version](#) which moves the links from the sidebar to "Also available in" links at the bottom of the calendar. For me, This feels more "natural", as the Atom, CSV, PDF links are there on the issues view as well. This needs a new hook however, which I've requested in #6586. Feedback welcome.

#### #48 - 2010-10-06 20:27 - Halle Winkler

Just wanted to give feedback that Frank Schwarz' plugin works very well for me, thanks Frank.

#### #49 - 2010-10-14 13:48 - Maxim Krušina

Frank Schwarz wrote:

*Maxim Krušina wrote:*

*Please, is it possible/simple to convert this functionality into plugin?*

*Here you are:* <http://code.google.com/p/redmics/>

*Feedback is welcome.*

Hi Frank, thank you very much for your work! We finally won the battle with our selfrestarting server, so now we upgrade our redmine server and we start big testing! Thank you!

#### #50 - 2010-10-14 14:21 - Terence Mill

The plugin is working here, but we don't like that ist defining its "own" filters statically. We would like to have an ics export of the tickets of current the

view (with selected filters) instead, like the csv or pdf export works.

**#51 - 2010-10-14 14:54 - Felix Schäfer**

Terence Mill wrote:

*The plugin is working here, but we don't like that ist defining its "own" filters statically. We would like to have an ics export of the tickets of cuurent the view (with selected filters) instead, like the csv or pdf export works.*

I have a fork of the plugin in the works to provide the calendar view as an ical, and you can use custom queries on calendar (though the UI for that isn't in place just yet IIRC). I'll drop a short note once I have something to show.

**#52 - 2010-10-14 17:46 - Frank Schwarz**

Terence Mill wrote:

*The plugin is working here, but we don't like that ist defining its "own" filters statically. We would like to have an ics export of the tickets of cuurent the view (with selected filters) instead, like the csv or pdf export works.*

I also was pondering this option. However, the filter for the csv export is stored in the web session. So you have to export and save your ICS file somewhere before you can subscribe it (offline). An online subscription with a stable filter is IMHO not possible. - I am happy to be proven wrong on this.

**#53 - 2010-10-22 03:36 - Roger Casaliñas**

+1

**#54 - 2010-10-28 13:20 - Anonymous**

Hi, i can't get the plugin to work. The links appear in the sidebar but when i click on them a 500 Internal Server Error occurs.

My URL reads

[http://web:3000/i\\_calendar?assigned\\_to=%2B&#38;format=atom&#38;key=8e459bfe92bdfae7b18bf3288cb1d4b0f7faeac0&#38;project\\_id=print&#38;tatus=all](http://web:3000/i_calendar?assigned_to=%2B&#38;format=atom&#38;key=8e459bfe92bdfae7b18bf3288cb1d4b0f7faeac0&#38;project_id=print&#38;tatus=all)

As you can see i am runnning an own virtual host on port 3000.

Here is my apache2 config:

Listen 3000

<VirtualHost \*:3000>

ServerName redmine.example.com

ServerAlias redmine

ServerAdmin webmaster@localhost

DocumentRoot /var/www/redmine/public/

```
<IfModule mod_fcgid.c>

    DefaultInitEnv RAILS_ENV production

    DefaultInitEnv GEM_HOME /var/local/lib/gems

    DefaultInitEnv RUBYLIB /usr/local/ruby/lib/

</IfModule>

<Directory /var/www/redmine/public/>

    Options Indexes ExecCGI FollowSymLinks

    Order allow,deny

    Allow from all

    AllowOverride all

</Directory>

RailsBaseURI /

ErrorLog /var/log/apache2/redmine_error.log

LogLevel info

CustomLog /var/log/apache2/redmine_access.log combined
```

</VirtualHost>

i ain't got a .htaccess file (the one that came with redmine) in my public directory because when i had it enabled my static files like css and javascripts weren't found.

Can anybody tell me how to get the ICS links to work? Thank you in advance.

#### **#55 - 2010-10-28 13:22 - Anonymous**

I forgot: I followed the instructions on this page: <http://code.google.com/p/redmics/>

#### **#56 - 2010-10-28 18:04 - Frank Schwarz**

Please file a bug at <http://code.google.com/p/redmics/issues/list> and provide me with the relevant portions of /var/log/apache2/redmine\_error.log and REDMINE\_HOME/log/production.log and the version number of the plug-in.

I guess it is an NPE somewhere.

Ace Man wrote:

|

2019-06-20

11/14

| *Hi, i can't get the plugin to work. The links appear in the sidebar but when i click on them a 500 Internal Server Error occurs.*

**#57 - 2010-12-21 19:36 - Luis Alvarez**

Ace Man,

Make sure you have the prerequisite icalender plugin installed:

see <http://code.google.com/p/redmics/>

**#58 - 2010-12-21 20:08 - Luis Alvarez**

| *Hi, Got it to work. Where is the subscription url provided? I've seen several images but I don't see any format provided.*

**#59 - 2011-01-04 21:16 - Luis Alvarez**

Format for subscription:

eg:

webcal://<theredmineurl>/redmine/i\_calendar?assigned\_to=%2A&format=atom&key=765561bf6551aawwa6351333206aad58d9f95bd114&project\_id  
theproject&status=all

**#60 - 2011-01-04 21:21 - Luis Alvarez**

Luis Alvarez wrote:

| *To get the subscription link to the redmine calendar*

Under ICalendar right click on the appropriate link and copy link location.

replace [http:// with](http://with) webcal://

| eg:  
webcal://theprojectsite.com/redmine/i\_calendar?assigned\_to=%2A&format=atom&key=765561bf6551aawwa6351333206aad58d9f95bd114&proj  
ct\_id=theproject&status=all

**#61 - 2011-01-14 13:21 - Andy Mahieu**

In Outlook 2010, the ICalendar works.

But in Outlook 2003, it doesn't. Outlook 2003 expects to see "METHOD:PUBLISH" in the beginning of the file.

**#62 - 2011-01-27 00:34 - Fred M.**

Frank Schwarz wrote:

*Maxim Krušina wrote:*

Please, is it possible/simple to convert this functionality into plugin?

Here you are: <http://code.google.com/p/redmics/>

Feedback is welcome.

Hi Franck, thank you very much for your great work on this plugin. It is working fine for me. It could be worth to mention in your documentation that you need to enable the "Calendar" module in the project's configuration (it is not that obvious when you only use the issues and expect to see the iCalendar links).

Again, due to my HTTPS server configuration, I have to use the https:// URL instead of replacing it with webcal://

I'm a little bit disappointed because I'm not using start/end dates inside Redmine. So as it is today, I can't get much benefit from this plug-in since the calendar is always empty...

I'll post a feature request in Google code to include the Tasks export in your ICS file, that would be a great feature making your plugin a perfect companion for redmine :)

Thanks again,  
Fred.

**#63 - 2013-01-13 21:04 - Jean-Philippe Lang**

- Status changed from 7 to New

Assigned issue with no assignee back to New status.

**#64 - 2013-03-19 21:03 - Frank Schwarz**

For the record: the redmics plugin is now hosted on GitHub: <https://github.com/buschmais/redmics>. Happy forking!

**#65 - 2016-03-30 21:34 - AI Pocheche**

Anything like that for redmine 3.x?

Redmine version	3.2.1.stable
Ruby version	2.1.8-p440 (2015-12-16) [x86_64-linux]
Rails version	4.2.5.2
Environment	production
Database adapter	Mysql2

**#66 - 2016-03-30 22:57 - AI Pocheche**

Done! I installed this one <https://github.com/buschmais/redmics> and working fine. Thanks any way.

**#67 - 2017-12-01 09:30 - Manuel Doll**

Al Pocheche wrote:

Done! I installed this one <https://github.com/buschmais/redmics> and working fine. Thanks any way.

Does not work with 3.4.2 anymore. 404-Error when trying to access Tickets after installing the plugin. Does anyone have an idea why? Many thanks.

#### #68 - 2018-11-16 21:01 - Ken Gold

Has anyone looked at this recently? I would like to get this going on 3.4.2 again and maybe into main release after 4.0...

#### Files

---

ICS_Support.patch	6.72 KB	2008-04-30	Florian L
ICS_Support__2.patch	3.75 KB	2008-05-05	Florian L
ICS_Support__3.patch	3.05 KB	2009-09-07	Sławek Goszcz
ICS_Support__4.patch	4.5 KB	2009-11-23	Frank Schwarz
ICS_Support__5.patch	4.74 KB	2009-11-24	Frank Schwarz
redmine-0.9-stable-roadmap-icalendar-ics-export.patch	5.8 KB	2010-05-30	y v
redmine-roadmap.png	187 KB	2010-05-30	y v
ical-overview.png	224 KB	2010-05-30	y v
ical-subscription.png	63.6 KB	2010-05-30	y v
ical-todo.png	32.9 KB	2010-05-30	y v
ical-url.png	41.1 KB	2010-05-30	y v
redmine-roadmap-2.png	262 KB	2010-05-30	y v