

Collaboration, Content & Issue Management For the Broad GDAC Website

- * Need to manage information flow to deal with constant barrage of:
 - data/run/architecture questions
 - software feature requests
 - analysis result examinations
 - collaborations across center boundaries
 - content/document aggregation

Needs to be bidirectional (In To/Out of Broad), ideally with minimal/zero credentialing, hybrid website/wiki, bug/issue tracking system ... all rolled into one.

Don't need perfection, but do need to set up something quickly that will:

- . allow public submission of questions/comments/issues (e.g. "gdac_users" email)
- . EASILY/automatically turn those emails into issues w/in tracking system, especially for introduction of new algorithms/modules/data into pipeline
- . where info from issue tracker can be made visible (.e.g. via portlet) on public Wiki
- . where load for responding to & shepherding issues to resolution can be easily spread across my entire GDAC team (instead of landing mostly in my inbox)
- . be a place to hang & grow content: FAQs, docs, presentations, software, etc
- . and provide a visible heartbeat (status dashboard) of the Broad GDAC pipeline, without needing to log in to Firehose

Last Updated: February 8, 2011

To that end, a number of options have been reviewed ... including “GetSatisfaction” in use by GSA team (Hanna/Shakir/Depristo) ... had conversation with Jan 26, 2011

GetSatisfaction does not provide a complete solution for them (plus, it costs per month to host externally), does not allow anonymous posting, and has no connection to an issue tracking system (like JIRA), though its authors claim one is coming (Matt: “this is vaporware”)

Good But Expensive
Commercial Product:
(CodeBeamer)

<http://www.intland.com/products/cb/overview.html>
(check if community/open source FREE license applies?)

One site providing a useful compendium (and launch point for further review) is

<http://www.myintervals.com/blog/2010/02/03/open-source-project-management-software-review/>

The subsequent pages of this doc are from a snapshot of that site taken on January 31, 2011

Based upon examining the solutions mentioned therein, plus conversations with Broadies, and other Web trolling, I believe JIRA + Confluence (both from Atlassian) are “good enough” for our stated needs; selecting them integrates well with existing infrastructure @ Broad, leverages internal experience, gives open path towards extensions/flexible use of other tools which can fill in remaining functional gaps, and allows us to get moving on a real BROAD GDAC website NOW instead of postponing for additional in-depth review of other options which may add only minor additional capabilities

total time collecting/reviewing information: approx 8 hours spread across multiple days

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Text

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[Open Source Project Management Software Review](#)

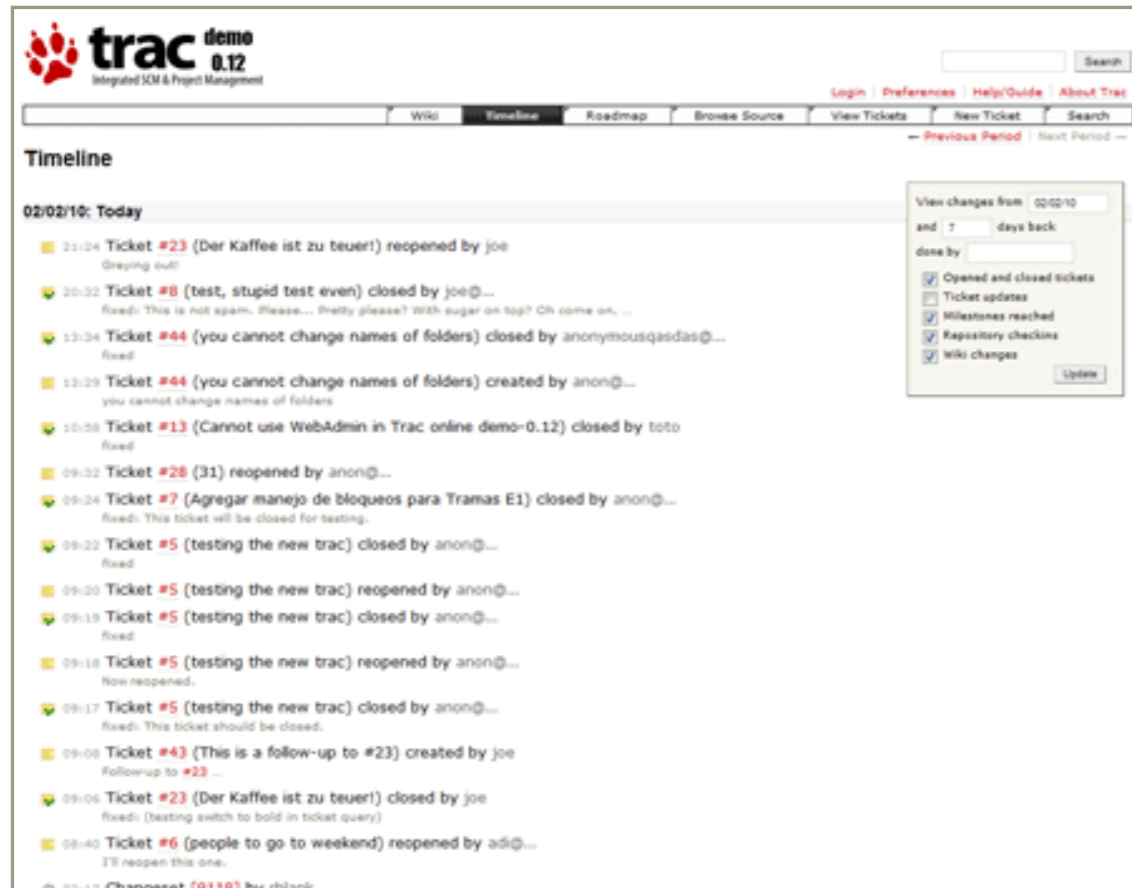
February 3rd, 2010 by [John Reeve](#)

We are, and always have been, big fans of open source software. In our daily workflow at [Pelago](#) we use various open source technologies; PHP, MySQL, PostgreSQL, Linux, Apache, Subversion, and many others. We primarily use these open source technologies in developing [Intervals](#), our online time, task and project management software, and in designing and developing web sites and web-based applications for our clients.

When selecting online project management software for your company, not everyone wants to use a hosted pay-per-month app. Some would rather download the app and install it on their own server, taking responsibility for the IT aspects of maintaining and serving up the application. This blog post is for those people. We've put together this review of open source project management apps based on our experience building Intervals, along with ten years of designing and building web sites and web-based applications.

Trac

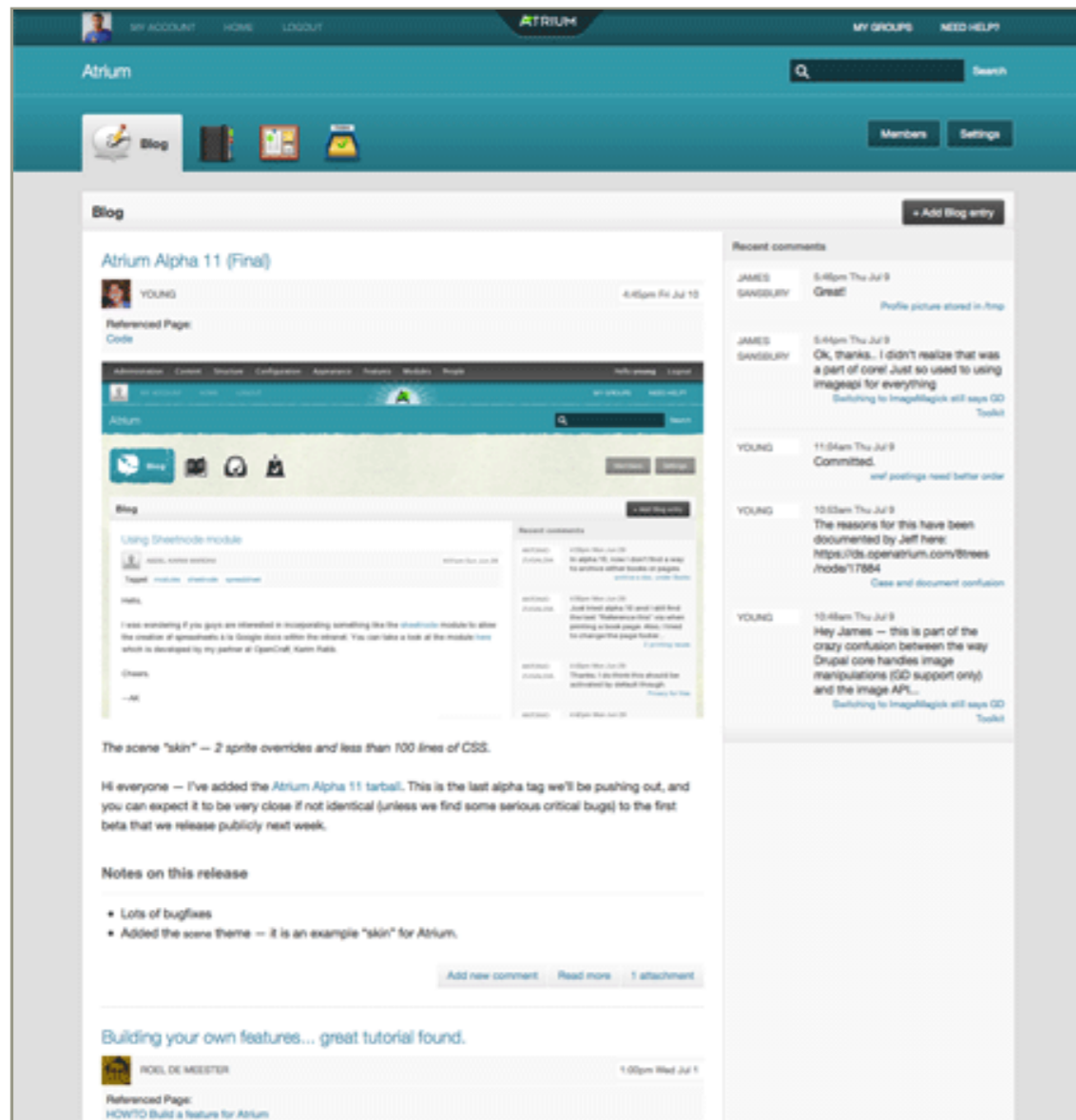
trac.edgewall.org



Trac is a powerful open source Python app for managing projects. We've used it several times in the past when working with clients who used it as their primary ticketing system. Trac's strong points are its Wiki and Source integration. And Trac is similar to Intervals in that it treats tasks more like tickets, assigning them fields such as priority, owner, component, and milestone. Overall, web developers will find Trac a great tool to work with, as it lets them manage projects and tickets on a very granular level. Web designers and others who like their interfaces clean and less cluttered may find Trac a bit cumbersome. Trac has been around longer than most open source project management apps and has the benefit of being more established and battle tested.

Open Atrium

www.openatrium.com



Open Atrium is relatively new on the open source project management scene. However, they've used their status as the new app on the block to their advantage, offering a refreshing interface and more intuitive features. And by building it on top of Apache, PHP, MySQL and Drupal, they've given the open source community an easy and familiar code base, guaranteeing a lot of help with development. Although Open Atrium is still in beta it looks very promising. This project management software emphasizes communication and collaboration, while including a full ticketing system. Open Atrium offers a nice blend of collaboration and project management features and is a great option for those looking to replace Basecamp.

Collabtive

collabtive.o-dyn.de



Collabtive looks like another open source project management app aiming to be a viable alternative to Basecamp (one of the key features is a Basecamp import). Collabtive is one of the more full featured open source options for project management, offering the ability to track projects, milestones, tasks and time, and rounding itself out with reporting. Just the fact that it includes so many key features for managing projects is a good reason to give it a try. The interface is nice and clean but relies too heavily on icons for navigation. Overall, it is a promising app that still has some development needing to be completed.

Redmine

www.redmine.org

Redmine

Suche:

Übersicht Download Aktivität Roadmap **Tickets** News Wiki Foren Projektarchiv

Tickets

Filter

Status Filter hinzufügen:

Anwenden Zurücksetzen

#	Tracker	Status	Priorität	Theme	Aktualisiert	Kategorie
1097	Defect	New	Normal	In the german version, Closing a Ticket with 50% doesn't set it to 100%	2008-04-23 22:23	
1096	Defect	New	High	E-mail notification not being sent to all users in projects	2008-04-23 19:14	Emails
1095	Defect	New	Normal	Homepage length limit for Projects	2008-04-23 19:53	
1094	Feature	New	Low	Links to repository directories	2008-04-23 14:48	UI
1093	Feature	New	Normal	Project overview page should display only trackers active in project	2008-04-23 10:36	Tickets
1092	Defect	New	Normal	Estimated time does not recognize improved time formats	2008-04-23 08:35	Time tracking
1091	Feature	New	Normal	How to create a tracker with all custom fields	2008-04-23 05:53	Custom fields
1090	Defect	New	Normal	Proper tracker template is not populating while creating a new issue	2008-04-23 18:47	
1089	Defect	New	Normal	attachment's name maybe invalid	2008-04-23 03:26	Attachments
1088	Feature	New	Normal	Time logging via commit messages	2008-04-22 21:33	Time tracking
1087	Feature	New	Normal	Commenting system on wiki	2008-04-22 08:34	
1086	Feature	New	Normal	Fine grained permissions	2008-04-22 05:54	
1085	Feature	New	Normal	Site-wide modules	2008-04-22 13:41	
1084	Patch	New	Normal	Implement new button on project list page	2008-04-21 22:58	Projects
1083	Feature	New	Normal	Accept new tickets via email	2008-04-22 10:40	
1082	Feature	New	Normal	"New Project" link on Projects page	2008-04-21 20:29	UI
1081	Patch	New	Normal	Add Activity block to My Page	2008-04-22 00:24	UI
1079	Patch	New	Normal	Forum messages not being sent to everyone interested	2008-04-20 03:38	Emails
1078	Defect	New	Normal	Custom fields added each issue even if not used	2008-04-19 01:55	Custom fields
1077	Feature	New	Normal	ICS view of Calendar	2008-04-22 02:35	Feeds
1076	Defect	New	Normal	SVN import CVS fails	2008-04-19 13:41	SVN
1075	Feature	New	Normal	Wiki shared across sub-projects	2008-04-19 19:50	Wiki
1074	Patch	New	Normal	Patch for #1072	2008-04-18 08:52	
1072	Defect	New	Low	Brazilian Portuguese translation outdated	2008-04-19 14:00	
1071	Defect	New	Urgent	Wiki/News/Documents truncate contents to 64K in MySQL	2008-04-17 19:14	

1 2 3 ... 17 Weiter » (1-25/423) | Pro Seite: 25, 50

Tickets

Ale Tickets anzeigen
Zusammenfassung
Change-Log

Benutzerdefinierte Berichte

Open defects
Open features
Translation patches

Redmine reminded me a lot of Trac except that Redmine is written in Ruby using the Rails framework. Redmine contains a lot of functionality geared heavily towards developers. It's powerful but may take some getting used to. This open source project management application is ideal for developers who are familiar with Ruby and need self-hosted software written in their favorite language. The default interface is not as clean as Open Atrium or Collabtive, but the whole point of open source is that it is free and you can contribute your enhancements back to the development community.

Retrospectiva

www.retrospectiva.org

ID	Status	Summary	Assigned To	Priority	Milestone	Properties	Last Update
May 2009							
#190	Open	Filter opening Created 2 days ago by jermis	-	Must have	-	Component: Ticketing	about 1 hour ago
April 2009							
#172	Open	Themes? Created 20 days ago by Anonymous	Dimitry Denissenko	Should have	2.0	-	11 days ago
#158	Open	Mass Edit Mode Created about 1 month ago by Marcel Heijlax	-	Idea	Future	Component: Ticketing	13 days ago
#149	Open	uploading files for blog Created about 1 month ago by Anonymous	-	Idea	Future	-	about 1 month ago
#132	Open	github and retro? it is possible to use both Created about 1 month ago by Anonymous	Dimitry Denissenko	Idea	-	-	about 1 month ago
#119	Open	Suggestion regarding expected behavior of "comp... Created about 1 month ago by François Morel	Dimitry Denissenko	Can have	2.1	-	about 1 month ago
January 2009							
#101	Open	Ticket filter view extension Created about 1 year ago by Matt Conroy	Dimitry Denissenko	Idea	2.0	Component: Ticketing	3 months ago
#237	Open	Tickets need keywords or tagging Created about 1 year ago by Lori M Olson	Dimitry Denissenko	Idea	Future	Component: Ticketing	3 months ago
#203	Open	allow user to update email address Created about 1 year ago by Paul	Dimitry Denissenko	Idea	2.1	Component: Administration	3 months ago
#175	Open	Support remote repository without svnsync Created about 1 year ago by Koushei Sakai	Dimitry Denissenko	Idea	Future	-	3 months ago
#433	Open	Printer Friendly Created about 1 year ago by Anonymous	-	Idea	Future	-	3 months ago

Retrospectiva is another open source software offering that includes ticketing along with project management. It is similar to Trac in that it offers Subversion integration. What makes Retrospectiva unique is that it targets itself to the agile software development cycle. Not only does it provide the tools to carry out agile software development effectively, it also enhances the process with collaborative tools such as a Wiki and a Blog. Retrospectiva also has one of the cleaner interfaces among the project management apps built by and for web developers. Also written in Ruby, this application looks promising.

In Summary

Which one of these open source project management apps is the best? That's up to you. They are each unique in their own way and require a test run to see if they will be a good fit for your company. These open source software offerings do seem to have one thing in common. They all have some type of comprehensive ticketing system. Whether it's under the guise of issue tracking or task management or ticketing, it's there. That's probably because these apps are written by web developers who understand the importance of a comprehensive task management system. If there is one thing the open source world can offer to proprietary online project management software, it's detailed task management. And if there is one thing the open source developers can glean from the proprietary apps, it's the attention to detail in the user interface.

There will always be pros and cons to choosing between open source and online proprietary project management software. Should you decide to go the open source route, we hope this review will be helpful in making that decision.

As always, please feel free to comment on other open source project management apps you've found useful. We'd love to hear about more.

Tags: [open source](#), [project management](#), [review](#), [software](#)

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35 Responses to “Open Source Project Management Software Review”

1. *Betelgeuse* Says:

[February 3rd, 2010 at 10:13 am](#)

trac is written in python

for project management see <http://www.agilefant.org/>

2. *The Open Sourcerer* Says:

[February 3rd, 2010 at 3:46 pm](#)

I am surprised for “project management” you didn’t include dotproject, web2project or Openproj. Those are examples of what I call true project management apps.

Openproj is interesting in that it provides a much needed .msp reader too.

HTH

3. *Lincoln* Says:

[February 5th, 2010 at 7:55 am](#)

ScrumShark is a brand new OpenSource PM tool based on OcpSoft SocialPM – <http://ocpsoft.com/scrumshark/>

Using JSF, Hibernate, Spring, JBoss RESTEasy, PrettyFaces, PrettyTime, and other emerging technologies.

It’s still in its infancy, but is easy to use if you are familiar with Agile/Scrum. It provides full access to all functions through REST based SOA, so if you just want to use the base platform for your own interface, you can, but the interface is relatively simple and straightforward as well.

Feedback appreciated!

–Lincoln

4. *Roshan Bhattarai* Says:

[February 5th, 2010 at 8:32 am](#)

Correction here : Trac is written in python not in PHP at all....

5. *John Reeve* Says:

[February 5th, 2010 at 8:34 am](#)

Thanks guys. I’ve fixed the post to reflect that Trac is developed in Python.

6. *Wildman94* Says:

[February 5th, 2010 at 9:07 am](#)

What is the purpose of project management? To help you organize better? If you are using PM tools and you are in business for yourself

or in a company, the purpose of project management is to manage time, scope, and budget so that you can make a profit. Any self-proclaimed PM software that lacks the ability to manage these three competing demands is just a nice organization and/or collaboration tool.

Specifically, you must estimate time for completing tasks and record actual time to see if you are on time and on budget. If the client adds scope, then you need a way to record those tasks as either future requests for another phase, or change requests/orders that will increase the schedule and price. For managing many projects at once, a dashboard view across projects is good along with associated resources so you can forecast resources and see overlapping commitments.

I fell in love with the UI of ActiveCollab (not open source, but ‘install yourself’ model at a one time low price), but again it fell under the category of an org and collab tool.

Thanks for the review as I am constantly searching for more efficient PM tools.

7. *Danny Says:*

[February 5th, 2010 at 12:12 pm](#)

I’m surprised to not see JIRA on this list. It’s not free, but it’s a one-time fee—there’s no need to continue paying for a support license. In my opinion it remains the most flexible, full-featured project management tool available, open source or otherwise.

I’ve had a good deal of success using JIRA to track code sprints and longer-term milestones. The permissions system allows a great deal of granularity.

There’s a lot of integration with other open source tools. There are plugins within JIRA for associating tickets with source control commits, it integrates with Mylyn in ecilpse (and NetBeans has native support for it), Hudson has a JIRA plugin as well, etc.

Some of the more interesting agile practices have plugins written for JIRA now, including GreenHopper, which allows for a sticky-note board within JIRA itself.

Definitely worth a look (and review).

8. *Ben Says:*

[February 5th, 2010 at 7:24 pm](#)

Great list,

Nice to see a PM list that stirs away from the usual boring ones like dot Project, etc.

I wasn't aware on Retrospectiva and Open Atrium. Gonna have to have a go.

The git integration in Retrospectiva looks cool.

Thanks!

9. *gido* Says:

[February 7th, 2010 at 7:55 am](#)

I made a small projekt time track opensource programm its still in its beta phase but you can check it out at:

<http://www.jingho-projects.com>

there are probably still som bugs in it but it works :-)

thanks!

Gido

10. *Mark* Says:

[February 7th, 2010 at 8:16 am](#)

You may want to take a deeper look at Redmine. It has features you laud in other products. For example, it has Git, Mercurial, and Bazaar integration as well as Subversion. It has an integrated blog, wiki, and document repository. It also has build and release/milestone management and time tracking. There are plugins available to customize it in many different ways (burndown charts, etc). Unlike some of the products mentioned here which don't go much beyond a defect tracker, Redmine can manage multiple aspects of a product.

11. *Ron* Says:

[February 21st, 2010 at 6:03 am](#)

Endeavour Software Project Management is an excellent Open Source alternative!

Clean and intuitive user interface and provides support for all software development artifacts including wiki integration.

<http://endeavour-mgmt.sourceforge.net/>

Available On-Demand as well.

12. *kindrosker* Says:

[March 20th, 2010 at 4:57 pm](#)

qdPM is an emerging player to watch. <https://qdpm.net>

It is ideal for web based projects and handles remote client/remote team easily.

13. *s.Daniel* Says:

[May 4th, 2010 at 1:02 am](#)

Wildman94: “What is the purpose of project management?”

Wrong question. The correct question is “What is the purpose of project management for you?”

What kind of project? Size? Software or building x? For a customer?

AC is nice but it is too expensive for most people, especially since the Small Biz doesn't make sense for most people.

14. *Martin Burns* Says:

[September 8th, 2010 at 8:56 am](#)

A ticketing system reviewed as PM software? On what planet?

Look, ticketing systems are great for service desk applications, where you have continuous delivery of small fixes, but that's **not** a project.

What you have here is a review of ticketing systems, some of which have some additional features that might help in a project environment.

15. *Jeff Tandy* Says:

[September 22nd, 2010 at 9:44 am](#)

Martin Burns: So what Open source PM software do you recommend?

16. *John Reeve* Says:

[September 22nd, 2010 at 12:56 pm](#)

I've used Trac a lot, however, it does feel a little cumbersome which is most likely due to its being around for a long time. It could probably use a good overhaul. If you are doing task management like you would issue tracking, Trac is very good. It's more technical in that respect.

However, I really like what I've seen with Open Atrium. It does a lot of the same stuff as Trac but the flow seems more current to what we are familiar with in more current apps. It is a little easier on the eyes and will be easier to install for those familiar with PHP.

17. *Khalid Rasooli* Says:

[October 29th, 2010 at 6:50 am](#)

I have found Endeavour a very useful tool specially that it is open source. You can download the source which is in written in Java for further development. It is compatible with different dbs and it is web-based. There are still a few useful functionalities missing (time tracking, detailed task management, etc).

18. *Dave* Says:

[November 11th, 2010 at 7:48 pm](#)

Check out <http://www.ProjeLead.com>, a new web based project management tool with :

- standard version : open source
- enterprise version : comes with support

Cheers

19. *jma* Says:

[January 19th, 2011 at 3:09 pm](#)

Which of these PM Apps do you recomend for an animation studio?

Thanks

20. *John Reeve* Says:

[January 19th, 2011 at 3:16 pm](#)

Without knowing the workflow needs of an animation studio I could not answer that question. I would recommend trying each one until you find one that fits. Or perhaps ask around on animation forums to see what they recommend.

If I had to choose one I would tell you to pick Open Atrium. This is because they are likely to have the biggest development and support community behind them (being built on Drupal).

Good luck!


21. *2-plan* Says:

[January 23rd, 2011 at 11:13 pm](#)

Check 2-plan open source project management software here: <http://2-plan.com>

22. [newest submissions : programming](#) Says:

[February 3rd, 2010 at 9:50 am](#)

 [...] hours ago by gthank17 commentssharecancelloading...24...Open Source Project Management Software Review (myintervals.com)submitted 57 [...]

23. [Project Management Software Review: Open Source Applications ... | Nova WeatherNet News](#) Says:

[February 3rd, 2010 at 11:15 am](#)

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24. [Open Source Project Management Software Review - Mixx](#) Says:

[February 4th, 2010 at 9:25 am](#)

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25. [iDevCenter | لینک‌های تازه ارسال شده](#) Says:

[February 5th, 2010 at 6:50 pm](#)

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26. [Open Source Project Management Software Review | Kreative News](#) Says:

[February 24th, 2010 at 7:51 am](#)

 [...] Open Source Project Management Software Review_ [...]

27. [Social media overview for download retrospectiva](#) Says:

[March 1st, 2010 at 11:36 am](#)

 [...] <http://www.myintervals.com> var loading_functions_url = []; var loading_functions_callback = []; var queue_size = 0; [...]

28. [Open Source Project Management Software Review - Intervals](#) Says:

[March 5th, 2010 at 10:43 am](#)

 [...] Comment Share [...]

29. [Feed reader | Open Atrium Community](#) Says:

[March 11th, 2010 at 11:45 am](#)

 [...] Atrium (Google Blog Search) 4:44pm Today Project Management Software Review: Open Source Applications ... Open Atrium is relatively new on the open source project management scene. However, they've used [...]

30. [Project Management Software Review: Open Source Applications | Project management and time tracking blog for web designers and small business :: the Intervals Blog by Pelago](#) Says:

[March 23rd, 2010 at 12:22 am](#)

 [...] Open Source Project Management Software Review [...]

31. [Web-based, Open Source Project Management Software Options « Moving at the Speed of Creativity](#) Says:

[May 23rd, 2010 at 4:50 pm](#)

 [...] I've also posted a review of several open source project management apps at our Intervals blog: <http://www.myintervals.com/blog/2010/02/03/open-source-project-management-software-review/> [...]


32. [wlodars's Bookmarks on Delicious](#) Says:

[June 18th, 2010 at 1:12 am](#)

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33. [Project management the open source way | Linux User](#) Says:

[September 3rd, 2010 at 9:43 am](#)

 [...] a look at a blog post I recently wrote about my top five open source project management apps: <http://www.myintervals.com/blog/2010/02/03/open-source-project-management-software-review/> # 3 [...]

34. [Open Source Software & Useful Software Links « The Survival Guides's Blog](#) Says:

[September 15th, 2010 at 1:44 pm](#)

[...] Intervals List of projects [...]

35. [open-source-project-management-software-review - design:related](#) Says:
[November 2nd, 2010 at 6:09 am](#)

 [...] Open Source Project Management Software Review [...]

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What is Intervals?

Intervals is web-based time, task and project management software built by and for web designers, developers and creatives.

» [Learn more about Intervals](#)



Contributor Profile
John Reeve

John is a co-founder, web designer and developer at [Pelago](#). His blog posts are inspired by everyday encounters with designers, developers, creatives and small businesses in general. John is an avid reader and road cyclist.

[» More about John Reeve](#)

[» Archived posts by John Reeve](#)



Contributor Profile
Michael Payne

Michael is a co-founder and product architect at [Pelago](#). His contributions stem from experiences managing the development process behind web sites and web-based applications such as Intervals. Michael drives a 1990 Volkswagen Carat with a rebuilt 2.4 liter engine from [GoWesty](#).

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