

## ChiliProject - Feature # 123: Review and Merge acts\_as\_journalized

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	Holger Just	<b>Category:</b>	Libraries
<b>Created:</b>	2011-02-02	<b>Assignee:</b>	Eric Davis
<b>Updated:</b>	2011-05-30	<b>Due date:</b>	
<b>Remote issue URL:</b>			
<b>Affected version:</b>			
<b>Description:</b>			
<p>The @acts_as_journalized@ plugin adds the generic capability to have a journal on every model in Redmine. It thereby integrates with the activity, events, and permission system of ChiliProject.</p>			
<p>Currently, the code lives in "finnlabs:master-journalized":<a href="https://github.com/finnlabs/redmine/tree/master-journalized">https://github.com/finnlabs/redmine/tree/master-journalized</a>. See also the relevant "Pull request":<a href="https://github.com/edavis10/redmine/pull/17">https://github.com/edavis10/redmine/pull/17</a> into redmine.</p>			
<h3>h3. Merge blockers</h3>			
<ul style="list-style-type: none"><li>* [B] There is also a bug in the down migration: @j.update_attribute(:journalized_type, j.journalized.class.name)@ is only getting NilClass, preventing re-migrations</li><li>* Move aaj/db/* into core</li><li>* Remove submodule</li></ul>			
<h3>h3. Release Blockers</h3>			
<ul style="list-style-type: none"><li>* The issue notes preview is probably missing (commit:e06b5815),</li><li>* I'm not sure if the issue attachment deletion notice survived the merge (commit:5d2899ee),</li><li>* Some new JournalsController actions are probably missing from the plugin (commit:bea49ae2),</li><li>* commit:784bbccf added a test for a custom field that probably didn't make it over to the plugin,</li><li>* I'm not sure "this test":<a href="https://github.com/finnlabs/chiliproject/blob/journalized/test/unit/issue_test.rb#L644">https://github.com/finnlabs/chiliproject/blob/journalized/test/unit/issue_test.rb#L644</a> is relevant anymore as journals don't have details anymore,</li><li>* I've also removed the "visible" scope on journals added in commit:27177def because I haven't found it to be used anywhere, should probably be re-added for compatibility's sake.</li><li>* All in all, whomever merges this to unstable should take good care to inspect if all functionality in the JournalsController, the Journal model and corresponding views is complete in the ones provided by the plugin.</li><li>* Check JournalsController missing code that wasn't merged</li><li>* Check Journal model for missing code that wasn't merged</li><li>* Check Journals views for missing code that wasn't merged</li><li>* Move aaj/app/* into core</li><li>* Move aaj/test/* into core</li><li>* [B] Attachment has it's files and documents activity provider removed but only documents added</li><li>* [B] MailHandler lines 159-ish: might be calling init_journal too late, after the attributes have been set. *TO TEST*</li><li>* Move JournalsHelper to core?</li></ul>			
<h3>h3. Non blockers</h3>			
<ul style="list-style-type: none"><li>* [B] One change I've noticed: the event types (used to display the icons on the activity list) are now object- and not event/journal-bound (a closed issue will return the issue-closed type for all its events, including past ones in which the issue was still open) and some are missing (issue-note/"a new issue note without issue edit" and issue-edit/"an issue edit" at least).</li><li>* Remove aaj/test/tagging_test.rb and any other "tagging"</li><li>* rm helper :foo from aaj controllers</li></ul>			

\* [B] in generalize\_journals db migration: @# FIXME: Find some way to choose the right activity here@  
\* [N] Could use some more rdoc in JournalFormatter

## Associated revisions

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**2011-04-23 09:25 pm - Felix Schäfer**

Merge acts\_as\_journalized to unstable. #123

**2011-05-06 11:08 pm - Eric Davis**

[#123] Attachment changes need to be prefixed

**2011-05-06 11:48 pm - Eric Davis**

[#123] Fix AttachmentsController test from 1f88288

**2011-05-06 11:48 pm - Eric Davis**

[#123] Fix test on postgres, .first isn't based on ORDER

**2011-05-06 11:48 pm - Eric Davis**

[#123] Fix test error due to un-reloaded object daddy objects

**2011-05-13 06:49 pm - Eric Davis**

[#123] Removed the acts\_as\_journalized submodule

**2011-05-13 06:55 pm - Eric Davis**

[#123] Added latest edavis10:acts\_as\_journalized

**2011-05-13 07:20 pm - Eric Davis**

[#123] Fix the down migration for Journal#journalized\_type

**2011-05-13 07:56 pm - Eric Davis**

[#123] Port the send\_notification feature to aaj

**2011-05-13 08:11 pm - Eric Davis**

[#123] Move aaj migrations to core

**2011-05-13 08:26 pm - Eric Davis**

[#123 #407] Deferred Journal#visible tests

**2011-05-13 08:33 pm - Eric Davis**

[#123] Fix Journal notification test

**2011-05-13 08:53 pm - Eric Davis**

[#123] Fix hardcoded test value with a dynamic one

**2011-11-25 06:45 pm - Felix Schäfer**

Merge pull request #123 from mbreit/bugfix/698-issue-query-ruby19

[#698] Fix single-value query atoms in issue queries on Ruby 1.9

## History

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**2011-02-02 08:52 pm - Holger Just**

- *Tracker changed from Feature to Task*

**2011-02-04 12:51 am - Shane Pearlman**

Can I just share my anticipation for this feature! Big fat +1.

**2011-02-20 06:05 pm - Felix Schäfer**

- *Target version set to 2.0.0*

**2011-03-18 05:57 pm - Eric Davis**

- *Category set to Libraries*

**2011-04-15 08:18 pm - Felix Schäfer**

- *Assignee set to Felix Schäfer*

For the record: I've begun merging the journalized branch to chiliproject 1.2.0 here: <https://github.com/finnlabs/chiliproject/tree/master-journalized>. Please note I haven't even yet begun testing this locally, this is purely a merge. Tim has tested it though and mentioned a few tests have to be adapted to the journalized stuff.

I think we could have it ready for review by monday or tuesday, Eric, would you have the time to review it by then?

**2011-04-15 09:19 pm - Eric Davis**

I have plans next weekend and don't know if I'll have much time during the week. But we should keep it open for review for at least two weeks to make sure there is enough time to test it out (roughly until the end of the month).

I have a few use cases and ideas I want to test it out with.

**2011-04-16 11:58 pm - Eric Davis**

Watch commit:c9497f3 too, it added journal tracking to issue descriptions which I'd like to keep as a feature.

**2011-04-21 09:55 am - Felix Schäfer**

- *Status changed from Open to In Progress*

Felix Schäfer wrote:

> For the record: I've begun merging the journalized branch to chiliproject 1.2.0 here: <https://github.com/finnlabs/chiliproject/tree/master-journalized>. Please note I haven't even yet begun testing this locally, this is purely a merge. Tim has tested it though and mentioned a few tests have to be adapted to the journalized stuff.

All tests pass locally on that branch, though I have only svn and git installed for the SCM tests. This is still on chiliproject 1.2 too.

Eric, if you don't want to have it merged to unstable straightaway, what do you think of a "journalized" branched off of unstable where I could merge the stuff and everyone could work on?

**2011-04-21 08:04 pm - Eric Davis**

Could you branch it off of unstable in your repo? I don't expect it to be around for long enough for it to need a branch at chiliproject (those are for \*really\* long term branches like: Rails 3, permissions rewrite, etc).

**2011-04-22 01:34 pm - Felix Schäfer**

Eric Davis wrote:

> Could you branch it off of unstable in your repo?

Already done. All tests currently pass on my machine, I'll review it one last time before committing and pushing.

> I don't expect it to be around for long enough for it to need a branch at chiliproject (those are for \*really\* long term branches like: Rails 3, permissions rewrite, etc).

Well, I'd have liked to have the branch go through the CI before merging it to unstable, but I'll just send a pull request :-)

**2011-04-23 08:11 pm - Felix Schäfer**

So, the whole shebang merged to CP unstable is here: <https://github.com/finnlabs/chiliproject/tree/journalized>

I've scrubbed all the whitespace and newline noise out and I've reviewed the changes to core, I haven't reviewed the acts\_as\_journalized plugin as such in detail yet. The plugin currently comes with all the journal controller and views it's pegged to replace, and those have been deleted from the branch already, so there is some work left to integrate the plugin completely to core. As I said, I've reviewed the core changes and I'm OK with them, I'd like Tim to have another look though and one of the other core committers should do a final review.

There are also a few missing parts I haven't checked yet but that shouldn't be too hard to add if missing:

- \* The issue notes preview is probably missing (commit:e06b5815),
- \* I'm not sure if the issue attachment deletion notice survived the merge (commit:5d2899ee),
- \* Some new JournalsController actions are probably missing from the plugin (commit:bea49ae2),
- \* commit:784bbccf added a test for a custom field that probably didn't make it over to the plugin,
- \* I'm not sure "this test":[https://github.com/finnlabs/chiliproject/blob/journalized/test/unit/issue\\_test.rb#L644](https://github.com/finnlabs/chiliproject/blob/journalized/test/unit/issue_test.rb#L644) is relevant anymore as journals don't have details anymore,
- \* I've also removed the "visible" scope on journals added in commit:27177def because I haven't found it to be used anywhere, should probably be re-added for compatibility's sake.

All in all, whomever merges this to unstable should take good care to inspect if all functionality in the JournalsController, the Journal model and corresponding views is complete in the ones provided by the plugin.

**2011-04-29 08:29 am - Tim Felgentreff**

I've reviewed the merge, looks good to me.

**2011-05-06 08:06 pm - Eric Davis**

I've reviewed the branch and have a few questions [?], potential bugs [B], and notes [N]:

- \* [?] Does aaj replace acts\_as\_activity\_provider with acts\_as\_activity?
- \* [?] Does aaj replace acts\_as\_event? acts\_as\_event still needed or should Project and WikiPage be ported to aaj?
- \* [?] Should we hook up aaj's tests into the main suite so they run also? e.g @rake test => test:units, test:functional, test:integration, test:core\_plugins...@
- \* [?] So does acts\_as\_journalized provide "event/activity" tracking now too?
- \* [?] Where is VestalVersions pulled in?
- \* [?] aaj/test/tagging\_test.rb show tagging. What are tags?
- \* [B] Attachment has it's files and documents activity provider removed but only documents added
- \* [B] JournalsController removed, Check that the old JournalsController and aaj/JournalsController are comparable
- \* [B] MailHandler lines 159-ish: might be calling init\_journal too late, after the attributes have been set
- \* [B] Remove the RJS views from the plugin, eventually...
- \* [B] in generalize\_journals db migration: @# FIXME: Find some way to choose the right activity here@
- \* [B] rm helper :foo from controllers
- \* [B] rm submodule
- \* [N] Could use some more rdoc in JournalFormatter
- \* [N] Journal::Versions#at looks interesting
- \* [N] Journals are STI: IssueJournal, WikiContentJournal
- \* [N] JournalsHelper removed (in aaj now)
- \* [N] Model#journal\_editable\_by?(user) is used for permissions

\* [N] aaj replaces 'acts\_as\_versioned' (wiki content)

I still need to look over Felix's notes, run the code, or tried to use the API yet.

**2011-05-06 08:08 pm - Eric Davis**

Oh and should we move the migrations into the core too?

**2011-05-06 09:57 pm - Eric Davis**

I've ran the code on my local system and found a few bugs:

\* Core - <https://github.com/edavis10/chiliproject/tree/ticket/unstable/123-journalized> (can't send a pull request, Github is 404'ing)

\* Plugin - [https://github.com/finnlabs/acts\\_as\\_journalized/pull/2](https://github.com/finnlabs/acts_as_journalized/pull/2)

\* There is also a bug in the down migration: `@j.update_attribute(:journalized_type, j.journalized.class.name)@` is only getting NilClass, preventing re-migrations

But other than these the my previous notes, I like the changes.

\*Idea\*: I was thinking, if we remove the submodule and at least finish the migrations (e.g. fix the bugs and move them into the core), then we could merge the current code and open bugs for each of the open issues above. That way 1) unstable won't diverge much further from journalized and 2) as we work on 2.0 in unstable we will be testing journalized. Thoughts?

**2011-05-06 10:00 pm - Felix Schäfer**

Eric Davis wrote:

> \*Idea\*: I was thinking, if we remove the submodule and at least finish the migrations (e.g. fix the bugs and move them into the core), then we could merge the current code and open bugs for each of the open issues above. That way 1) unstable won't diverge much further from journalized and 2) as we work on 2.0 in unstable we will be testing journalized. Thoughts?

The earlier we merge it to unstable the better. If we all agree on principle that we want to have it in there (and we all do as far as I can tell), by all means put it into unstable.

**2011-05-06 10:23 pm - Felix Schäfer**

I'll try to answer what I can:

Eric Davis wrote:

> I've reviewed the branch and have a few questions [?], potential bugs [B], and notes [N]:

>

> \* [?] Does aaj replace `acts_as_activity_provider` with `acts_as_activity`?

Yes. I didn't notice the name change because it's been replaced in core and most have the `@activity@` defined in the `@acts_as_journalized@` call directly, but if one `@acts_as_journalized@` model provides more than `@activity@s`, the extra ones have to be added through `@acts_as_activity@`.

> \* [?] Does aaj replace `acts_as_event`? `acts_as_event` still needed or should Project and WikiPage be ported to aaj?

From a quick look: I think `@acts_as_journalized@` calls `@acts_as_event@` for you, but I don't think it replaces it. Maybe Tim can weigh in on that one, I'll dig in deeper if I find the time.

> \* [?] Should we hook up aaj's tests into the main suite so they run also? e.g `@rake test => test:units, test:functional, test:integration, test:core_plugins@`

`@acts_as_journalized@` should be included into core, this includes tests and models/views/controllers still in the plugin for the moment. I think that was part of my notes/needs to be done list.

> \* [?] So does `acts_as_journalized` provide "event/activity" tracking now too?

Activity yes, event partly. IIRC @acts\_as\_event@ is just a "common interface" at least the search and the activity view use so they have a mapping which fields of the model correspond to the information the search/activity view presents. I don't think @acts\_as\_journalized@ provides that, but it includes @acts\_as\_event@ for you when you @acts\_as\_journalized@ a model.

The whole activity part on the other hand is a common interface for the activity view so that the controller knows which attributes it should query on what model to get the "activity list", this list is then passed to the view which uses the @acts\_as\_event@ interface to show stuff. I think the activity stuff is handled by @acts\_as\_journalized@ completely.

> \* [?] Where is VestalVersions pulled in?

AFAIK @acts\_as\_journalized@ is VestalVersions reworked for ChiliProject, not integrated into.

> \* [?] aaj/test/tagging\_test.rb show tagging. What are tags?

Probably a remainder of the VestalVersions.

> \* [B] Attachment has it's files and documents activity provider removed but only documents added

> \* [B] JournalsController removed. Check that the old JournalsController and aaj/JournalsController are comparable

See notes above, there are some commits to inspect closely to make sure they made it through the merges.

> \* [B] MailHandler lines 159-ish: might be calling init\_journal too late, after the attributes have been set

The tests didn't pass how it was before because the "note" for the journal is only cleaned during the setting of the issue attributes and adding a "note" to an already inited journal doesn't work (or I didn't find how), with this change the tests passed and I think I did some @script/console@ tests of the code, but no "real usage" test, so be my guest.

> \* [B] Remove the RJS views from the plugin, eventually

> \* [B] in generalize\_journals db migration: @# FIXME: Find some way to choose the right activity here@

The right activity?

> \* [B] rm helper :foo from controllers

> \* [B] rm submodule

> \* [N] Could use some more rdoc in JournalFormatter

> \* [N] Journal::Versions#at looks interesting

> \* [N] Journals are STI: IssueJournal, WikiContentJournal

Some are explicitly STIed, but I think unless you create the tables the general case is everything polymorphic journals.

> \* [N] JournalsHelper removed (in aaj now)

Should be moved to core along with the model/view/controller/tests?

> \* [N] Model#journal\_editable\_by?(user) is used for permissions

> \* [N] aaj replaces 'acts\_as\_versioned' (wiki content)

**2011-05-07 07:04 am - Tim Felgentreff**

Felix SchÄ=fer wrote:

> I'll try to answer what I can:

>

> Eric Davis wrote:

>> I've reviewed the branch and have a few questions [?], potential bugs [B], and notes [N]:

>>

>> \* [?] Does aaj replace acts\_as\_activity\_provider with acts\_as\_activity?

>

> Yes. I didn't notice the name change because it's been replaced in core and most have the @activity@ defined in the @acts\_as\_journalized@ call directly, but if one @acts\_as\_journalized@ model provides more than @activity@s, the extra ones have to be added through @acts\_as\_activity@.

Exactly.

>

>> \* [?] Does aaj replace acts\_as\_event? acts\_as\_event still needed or should Project and WikiPage be ported to aaj?

>

> From a quick look: I think @acts\_as\_journalized@ calls @acts\_as\_event@ for you, but I don't think it replaces it. Maybe Tim can weigh in on that one, I'll dig in deeper if I find the time.

Right, acts\_as\_event is called by aaj for you, it shouldn't be called directly anymore \_unless\_ you want to have events without activity for something. I thought since most of the time we have both calls in a class, we can just combine those in aaj.

>

>> \* [?] Should we hook up aaj's tests into the main suite so they run also? e.g @rake test => test:units, test:functional, test:integration, test:core\_plugins@

>

> @acts\_as\_journalized@ should be included into core, this includes tests and models/views/controllers still in the plugin for the moment. I think that was part of my notes/needs to be done list.

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>> \* [?] So does acts\_as\_journalized provide "event/activity" tracking now too?

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> Activity yes, event partly. IIRC @acts\_as\_event@ is just a "common interface" at least the search and the activity view use so they have a mapping which fields of the model correspond to the information the search/activity view presents. I don't think @acts\_as\_journalized@ provides that, but it includes @acts\_as\_event@ for you when you @acts\_as\_journalized@ a model.

>

> The whole activity part on the other hand is a common interface for the activity view so that the controller knows which attributes it should query on what model to get the "activity list", this list is then passed to the view which uses the @acts\_as\_event@ interface to show stuff. I think the activity stuff is handled by @acts\_as\_journalized@ completely.

>

>> \* [?] Where is VestalVersions pulled in?

>

> AFAIK @acts\_as\_journalized@ is VestalVersions reworked for ChiliProject, not integrated into.

That's correct, aaj started when we wanted versioning and events for Versions, and I used VestalVersions for that, when I realized that we have some kind of versioning in the Wiki and Journals/JournalEvents are some kind of crippled versioning, too. So I forked VestalVersions to our github account and reworked it for Chili, to unify the different versioning schemes.

>

>> \* [?] aaj/test/tagging\_test.rb show tagging. What are tags?

>

> Probably a remainder of the VestalVersions.

Yes, it is, I asked around here at the time and we weren't sure if we would want tagging at some point, so I left it, in case we want it some day. But no use-case has arisen, yet, so we can remove it, if you don't want "dead" code in there.

>

>> \* [B] Attachment has it's files and documents activity provider removed but only documents added

>> \* [B] JournalsController removed, Check that the old JournalsController and aaj/JournalsController are comparable

>

> See notes above, there are some commits to inspect closely to make sure they made it through the merges.

>

>> \* [B] MailHandler lines 159-ish: might be calling init\_journal too late, after the attributes have been set

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> The tests didn't pass how it was before because the "note" for the journal is only cleaned during the setting of the issue attributes and adding a "note" to an already inited journal doesn't work (or I didn't find how), with this change the tests passed and I think I did some @script/console@ tests of the code, but no "real usage" test, so be my guest.

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>> \* [B] Remove the RJS views from the plugin, eventually

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> The right activity?

>

>> \* [B] rm helper :foo from controllers

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>> \* [N] aaj replaces 'acts\_as\_versioned' (wiki content)

**2011-05-09 09:25 am - Felix Schäfer**

One change I've noticed: the event types (used to display the icons on the activity list) are now object- and not event/journal-bound (a closed issue will return the @issue-closed@ type for all its events, including past ones in which the issue was still open) and some are missing (@issue-note@/"a new issue note without issue edit" and @issue-edit@/"an issue edit" at least).

I'd vote to make that a new non-2.0 blocking issue as soon as @acts\_as\_journalized@ is merged into unstable as it is purely cosmetic.

**2011-05-13 04:42 pm - Eric Davis**

Felix Schäfer:

Agreed about the cosmetic "event types". It might be worth it to review how the activity stream is created too see if we can't pass some of that code/responsibility onto aaj. But yea, non-2.0 blocker.

**2011-05-13 04:45 pm - Eric Davis**

- Assignee changed from Felix Schäfer to Eric Davis

Getting this ready to be merged into the core. I'll open separate issues for bugs/changes so we can all work on them separately (or decide to pass on them until post-2.0.0).

**2011-05-13 05:45 pm - Eric Davis**

Updated the description with a list of issues based on how much of a blocker they are. I'm working on the merge blockers now (just merged unstable into my aaj branch, ~120 errors).

**2011-05-13 07:15 pm - Eric Davis**

- *Status changed from In Progress to Closed*

I fixed the major issues and merged acts\_as\_journalized into unstable. (commit:dabe5ca)

- \* remove submodule
- \* move db migrations to core
- \* fixed bug in down migration
- \* fixed tests from the merge.

Now we just need to work on the remaining issues and we are done (check related and version 2.0.0's open issues)

Thanks everyone for your hard work on this. I'm happy we finally got it added.

**2011-05-13 10:44 pm - Felix Schäfer**

Eric Davis wrote:

> Agreed about the cosmetic "event types". It might be worth it to review how the activity stream is created too see if we can't pass some of that code/responsibility onto aaj. But yea, non-2.0 blocker.

I had identified the error and have a working fix, see <https://github.com/finnlabs/chiliproject/commit/6131df3935cae773c9495c39519f7f5edec6683e>, not sure it's the nicest method to correct it though. I can provide you with more info, but it should probably go in an extra ticket then.

**2011-05-13 10:45 pm - Felix Schäfer**

Ah, it's already in #400, I'll post there.

**2011-05-30 09:34 pm - Eric Davis**

- *Tracker changed from Task to Feature*