

Agenda for Pants Summit



Time: 10:00am MST, Thursday, March 3, 2015

Venue: [Chico Hot Springs](#), Pray MT

Transportation: Departing Bozeman downtown at 9am and returning by 9pm with round trip transportation provided by [Karst Stage](#)

Site Contact: *John Sirois*

Site Contact Phone: XX

More details: [pants-devel announcement](#)

Audio-conference link: <https://bluejeans.com/120203577/>

[Attendees](#)

[Previous Summit Notes](#)

[Unprioritized Agenda Items](#)

Attendees

Eric Ayers (zundel@squareup.com)

Patrick Lawson (pl@foursquare.com)

Benjy Weinberger (benjyw@gmail.com)

John Sirois (john.sirois@gmail.com)

Stu Hood ([stuhood@twitter.com](https://twitter.com/stuhood))

Mateo Rodriguez(mateorod9@gmail.com)

Matt Olsen ([molsen@twitter.com](https://twitter.com/molsen))

Nick Howard ([nhoward@twitter.com](https://twitter.com/nhoward))

Tansy Arron-Walker (tansy.arron@gmail.com)

Kris Wilson ([kwilson@twitter.com](https://twitter.com/kwilson))

... please add here ...

Previous Summit Notes

[9 April 2014](#)

[17 July 2014](#)

[14 January 2015](#)

[1 July 2015](#)

Agenda

Food in the am
Lunch items around noon
Get wristbands for pool
Saloon for dinner
Leave by 7pm

Unprioritized Agenda Items

- Review work/achievements since the last summit.
 - Managed dependencies
 - API Tagging
 - Empty pants.ini /none
 - Weekly release cadence
 - Build caching is mature
 - Options / subsystems are mature, rendering to docs
 - Plumbing options through tests
 - Reducing startup overhead / pants test performance optimizations
 - Engine RBs are landing
 - Product / classpath simplification (ivy/resources)
 - OSS [fsqio](#) repo using Pants
 - Isolated build strategy won out
 - v1 of pants daemon
 - More contrib packages
 - Codegen simplified and now consistently implemented
 - More large users on the horizon (Uber)
 - JavaOne conference presentation
 - >100 Contributors in CONTRIBUTORS.md
 - Good velocity ~20 commits/weekly release
 - Healthy Community
 - Source Roots simplification
 - The Big 3 users are unforked from OSS master
 - Deprecated option hints live on past deprecation release
 - Jenkins CI progress
- Pants 1.0 Release
 - When do we want to pull the trigger?
 - [1.0.0: Announcement Doc](#)
 - release date: **1 May 2016**

- docweek: (Stu)
- release marketing
 - Draft “Blog” Post for pantsbuild.github.io (Benjy)
 - Coordinate with twitter/foursquare/square comms teams
 - workshops?
 - NYC Meetup
- Features tagged 1.0.0 that we want to include
 - 3001, 2710, 2639, 940
 - provided deps ?
 - android backend moved into contrib
 - implicit BUILD file settings (name, sources), BUILDfile-less compiling?
 - documented conversion from sbt
 - documented conversion from mvn
 - documented how to setup an artifact cache
 - Audit options defaults, option names
 - Drop all deprecations (options, @deprecated)
 - Update News section. It's stale
 - Fix pypi changelog to publish only the last change.
 - Code of Conduct (nhoward)
 - Update committer protocol and document it
 - Figuring out a git branching / tagging strategy (Matt)
 - <https://github.com/pantsbuild/pants/issues/3023>
 - document how you contribute to a release branch
 -
- Criteria for 2.x vs 1.1x
 - Engine changes may be somewhat disruptive, but still maintain compatibility in rest of codebase ⇒ 1.1
 - Breaking BUILD file syntax ⇒ 2.0
- Outstanding items:
 - website/documentation [issues](#)
- Consider adding a Code of Conduct (Nick)
 - Twitter has a boilerplate (TODO group)
 - Censure protocol
 - Yes, we want it
- Updating committer protocol (Eric)
 - 10 meaty commits
 - Reviews (?)
 - Understand the protocol for code review, proven following the protocol
 - Do I trust this person?
 - Getting more folks into the code review system to participate in reviewing other code: <https://github.com/pantsbuild/pants/issues/2660>
 - Psychological change: the name of the position is "Reviewer" ?

- Being a “Member” of github: @mentions will work, plus offers the ability to cancel Travis-ci builds
 - Stats on reviewers
 - Retiring committers (dtaylor has requested it) Vote by all committers? Committer emeritus
 - With a github team
 - Notification ahead of time
 - More than X days inactive, automatic candidate for retirement
 - Committer sabbaticals - on leave and unable to respond to reviews
- Jenkins vs. Travis vs. Any other choices? (John to ask-around, Patrick to document)
 - Can we rely on Travis to scale up?
 - Reach out again to ask Travis to take our money. Apache project has more nodes 20 that they apparently paid for. (@john.sirois)
 - Can we get Jenkins to a better place in terms of UI and build consistency?
 - Can we wire up OSX instances to Jenkins? (a couple of places in Ohio)
 - pl@ has automatic AWS spot instance spinup configured
 - Shared ownership
 - who else can maintain this?
 - documentation / runbook
 - Do we need a legal vehicle to accept donations from the primary corporate contributors which we can then spend on hosting and other necessities?
 - Apache?
 - <http://incubator.apache.org/guides/proposal.html>
 - Taking a corporate credit card would be helpful
 - <https://pledgie.com/site/faq>
 - Needs:
 - Infrastructure like Jenkins/AWS
 - Code Review account
 - Conference venue
 - Creating a legal entity: Tom, Emily Caveness, [Stripe Atlas](#)
 - (Stu to talk to Emily, Chris A.; Patrick to talk to Tom)
 - Code Review
 - RBCommons
 - It's pretty good for reviews, but it's expensive and Twitter is footing the whole bill.
 - Non-committers can't be nominated to be code reviewers, and we can't just arbitrarily add as many people as we like to the RB org.
 - Coordinate with <https://github.com/pantsbuild/pants/issues/2660> to sync github ‘Members’ with rbcommons reviewers. (Stu)
 - It's still entirely internally Twitter-managed.
 - People generally indifferent about “which” tool
 - But folks seem to like the patch based workflow.

- Minor bias toward Phab.
 - Proposal for switching to phab, with an alpha/test install (Patrick)
 - [Phabricator?](https://reviewable.io/) <https://reviewable.io/>? <https://www.gerritcodereview.com/>?
- The release process -- a bit too hard on releasers.
 - Weekly
 - This should be much more automated. I suggest that we double down on the commit tagging idea proposed a while back and enforce that convention in code reviews.
 - Releasers shouldn't be responsible for removing deprecated code that can now be deleted.
 - We could have a git grep + send a warning/heads up as the last step of the release process that lets people know that their deprecated code needs to be removed within the next week. (Patrick to add quick blurb to release doc)
 - @deprecated tags, deprecated fields add a username for performing the removal
 - Remove from release process task of removing deprecations.
 - How do we like the weekly release cadence? Is it helping the consumers? The releasers?
 - Post 1.0 (Matt)
 - Agreement on "at-most-N-day vet phase for rcs before release"
 - Timeframe?
 - Continue to schedule/calendar biweekly assignments, but with RC (Eric)
 - ~~Releaser puts the next release and releaser on the calendar?~~
 - ~~Continue to have a cycle of releasers with a release spreadsheet?~~
- Ability to to/cc on reviews
 - Possibly via Phab? (see above)
- Getting new contributors up to speed
 - From one user: "It's hard to know who to add to the reviews without you telling me who should be on them. Can we just use pants-reviews if we don't know?"
 - Change the doc to mention using an empty reviewers (Tansy)
 - Definitely the release manager, but anyone else who happens to see it should recommend reviewers
 - Have folks put their company names in their handles?
 - Tansy to upstream her notes (Tansy)
- Implement [feature](#) like Maven's `<scope>provided</scope>` for targets inside and outside the repo (zundel@squareup)
 - This is partially addressed by `deploy_jar_rules()`, but not fully
 - Use cases:
 - Excluding annotation processor code
 - Hadoop

- Different implementations of the same class in the same repo
 - Alternative to midgraph excludes
- Isolate the directory Ivy uses for resolution (this is tricky since it requires shared knowledge between ivysettings.xml and pants' ivy invocation) (pl@)
 - Model all the things needed in ivy settings in pants config
- What should I do with this nascent [Pants Cookbook](#) document... (zundel@)
 - wiki? pantsbuild website doc? keep as google doc?
 -
- Get rid of jar(... mutable=True, url="file:///...")
 - This is a developer-only time activity
 - Turn any file URL into a post-resolve injection of a jar onto the classpath.
 - Add a different kind of target for this purpose (local_jar() ?)
 - Generate ivy-settings with the proper config to ivy to automatically changing patterns. Pass an extra cmdline flag on resolve.ivy --re-resolve (don't look in the cache)
 -
- 3rdparty artifact handling
 - Checked in resolve information, changing resolve into resolve and fetch ([doc](#))
 - Using artifact cache to cache external artifacts (h/t Patrick)
 - Work toward swapping out the resolver?
 - Populate the result of the resolve in the build graph modeled as synthetic targets. Now we can serialize and cache that result independently of the resolver implementation.
- Generating code into sha based directories means IDEs have to constantly reconfigure if you want to be able to jump to generated code. Consider (optional?) reverting the behavior to keeping one copy in pants_workdir when creating generated code (zundel@)
 - Symlinks to the most recent directory, export would always show the linked (stable) (Stu)
 - Bugfix for target.id containing a hash (the hash needs to be removed) (Stu)
- FYI: Foursquare is putting effort into profiling zinc
 - Try to address GC thrashing
- FYI: Twitter is looking at upgrading to the next version of sbt (Stu)
- (New) Engine
 - Overview
 - Integration proposal
- Pants [Cookbook](#) - what should we do with this? (zundel@)
 - wiki, merge to regular docs, leave in google doc?
 - For now, make a separate repo full of markdown that is easily edited. We can pull in this repo and render it to the website when publishing docs.
- (Please add your agenda items directly to the document)