Open Source collaboration tools are good for you!

Bertrand Delacrétaz

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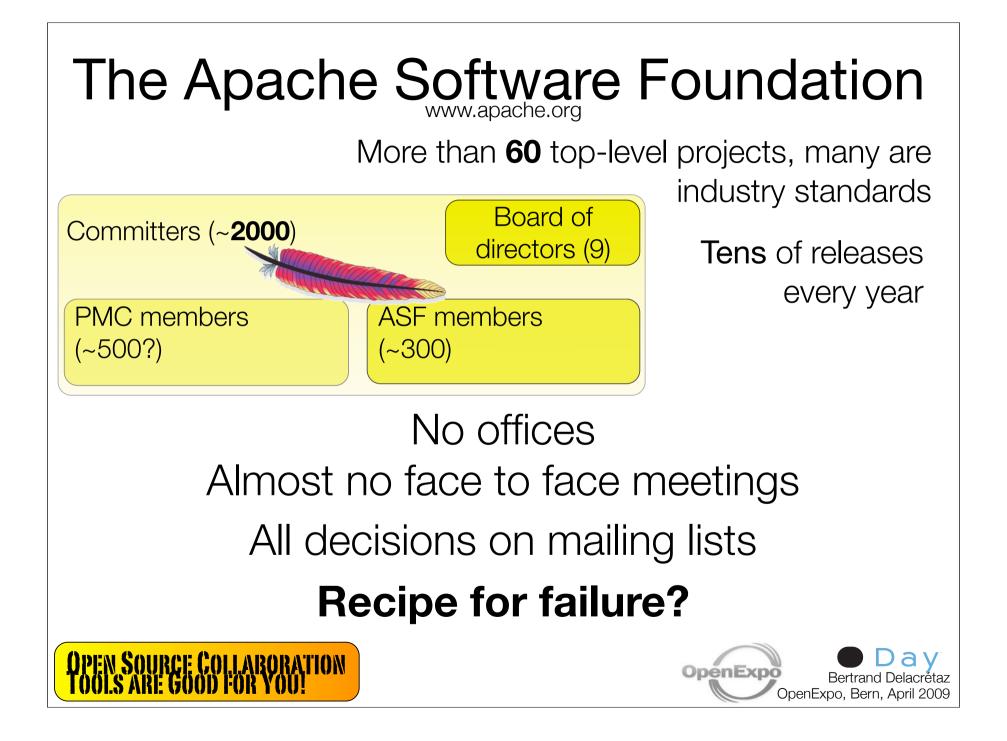
http://grep.codeconsult.ch - twitter: @bdelacretaz - bdelacretaz@apache.org OpenExpo 2009, Bern

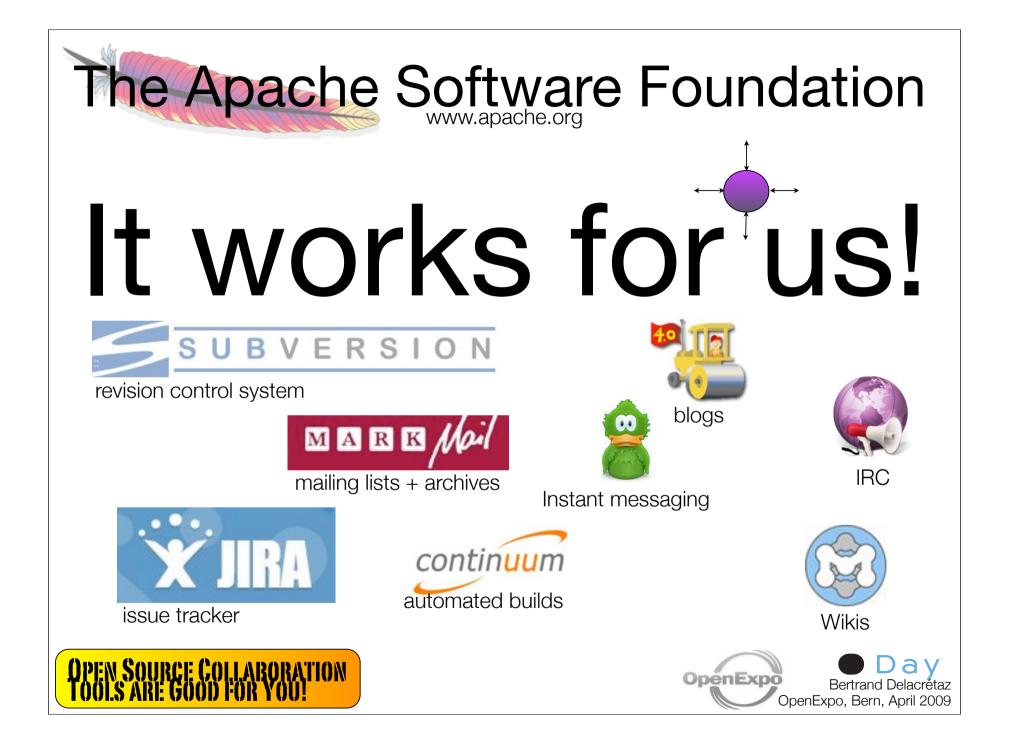
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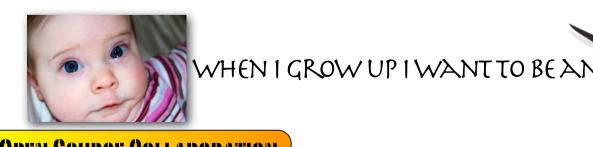


How to use the right (types of) collaboration tools in the right way? VERSI SUB revision control system blogs MAR IRC mailing lists + archives Instant messaging continuum automated builds issue tracker Wikis + secret sauce? <u>EN SOURCE COLLABORAT</u> OpenExpo Bertrand Delacrétaz logos: Adium, Roller, Colloguy, MoinMoin OpenExpo, Bern, April 2009





Can we define requirements for a set of collaboration tools?



picture: slowfoot on morguefile.com





EN SOURCE COLLABORATION



Without a vision... Day Bertrand Delacrétaz OpenExpo, Bern, April 2009

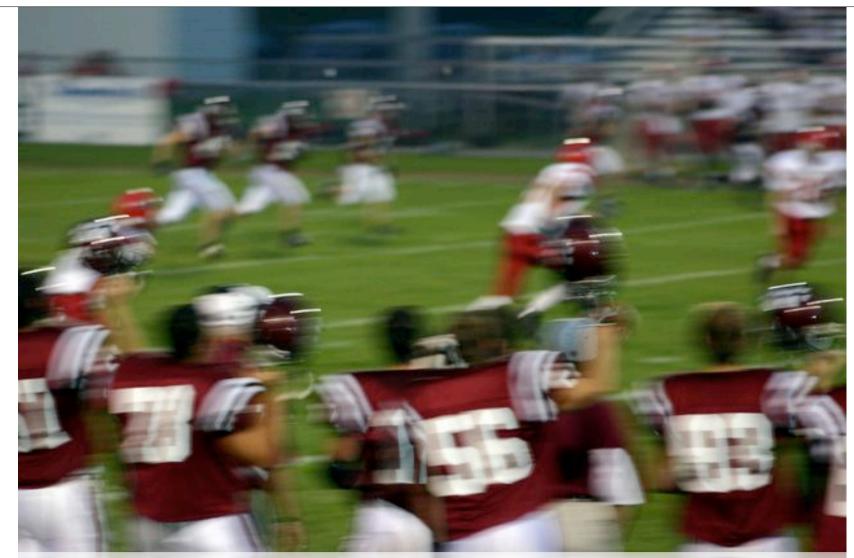
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What's our status right now?

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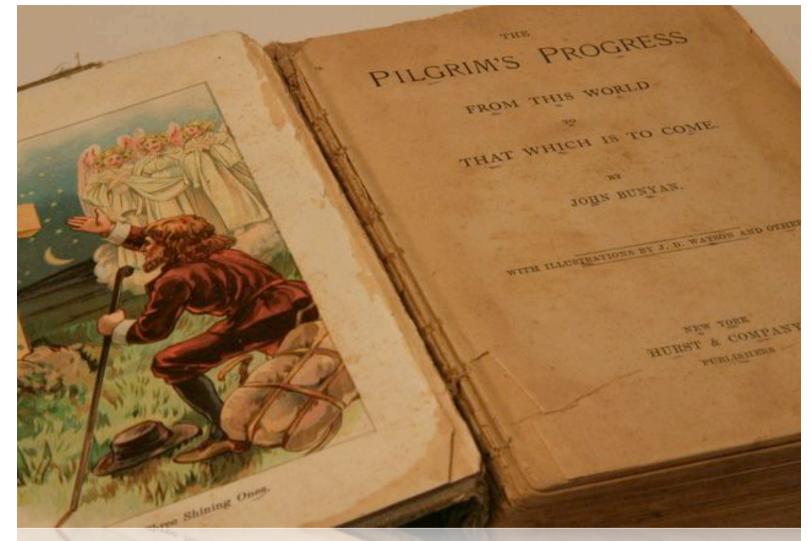
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Why did we do this?



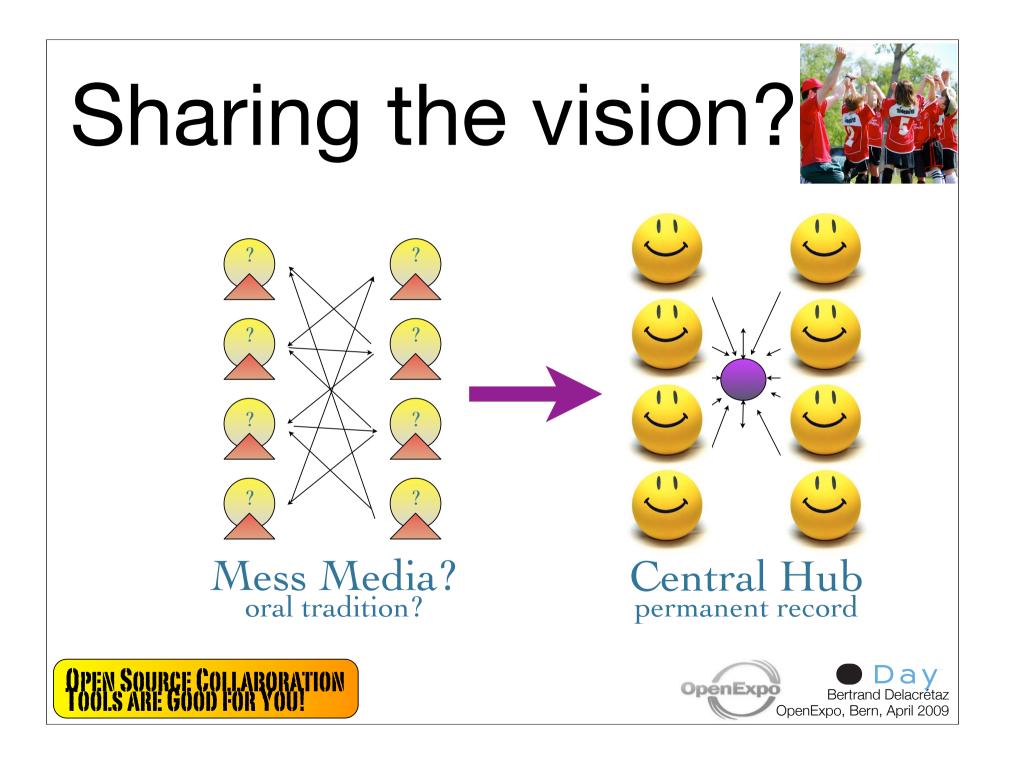




Sharing the Vision







Sharing the vision.





Searchable mailing lists instead of 1-to-1 email





blogs



Wikis instead of email attachments

Blogs help for out-ofband conversations





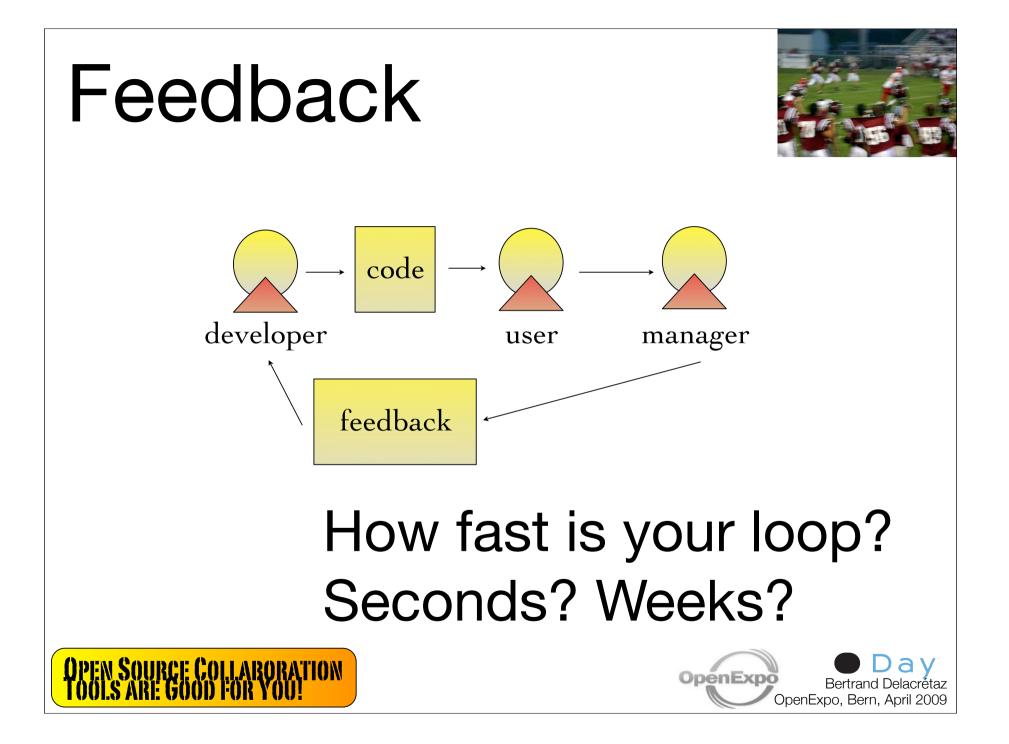
Real-time updates

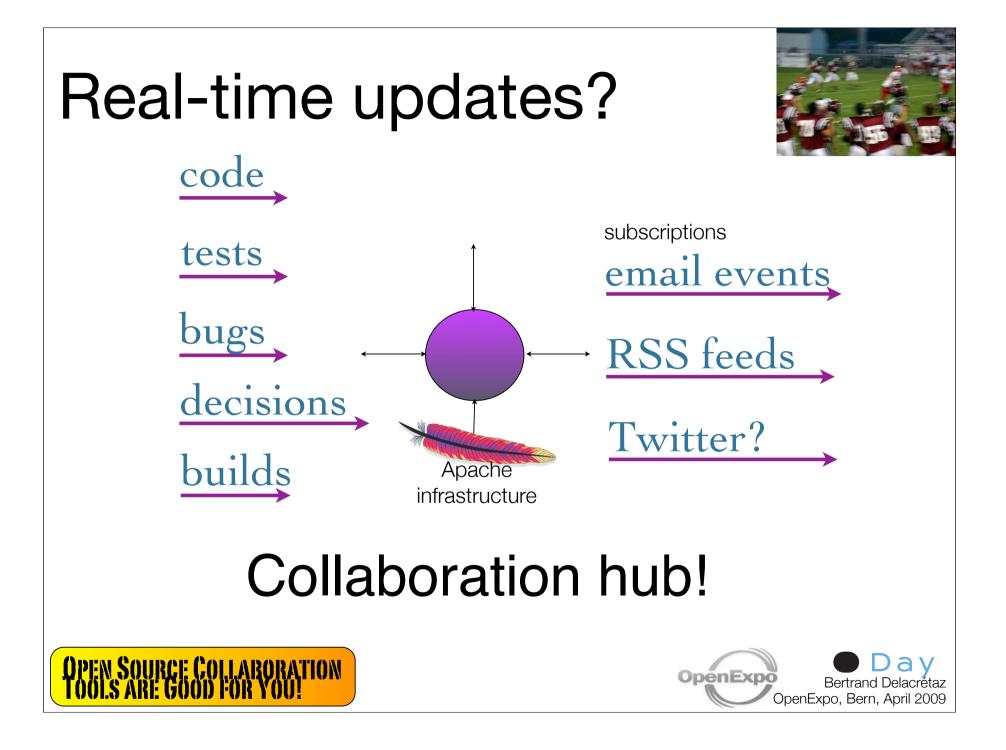




We need fast feedback!







Real-time updates.





💥 JIRA



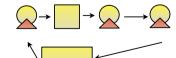


Source code control system instead of "code on the fileserver".

Issue tracker events instead of "what did you do today"?

Mailing list "events" instead of "yell around the office".

Automated builds instead of "wait for Bob to build it on Linux".





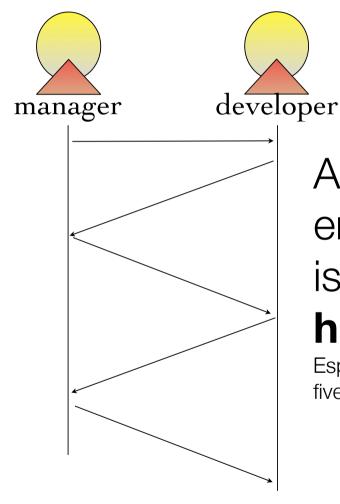


Real-time help





Real-time help?



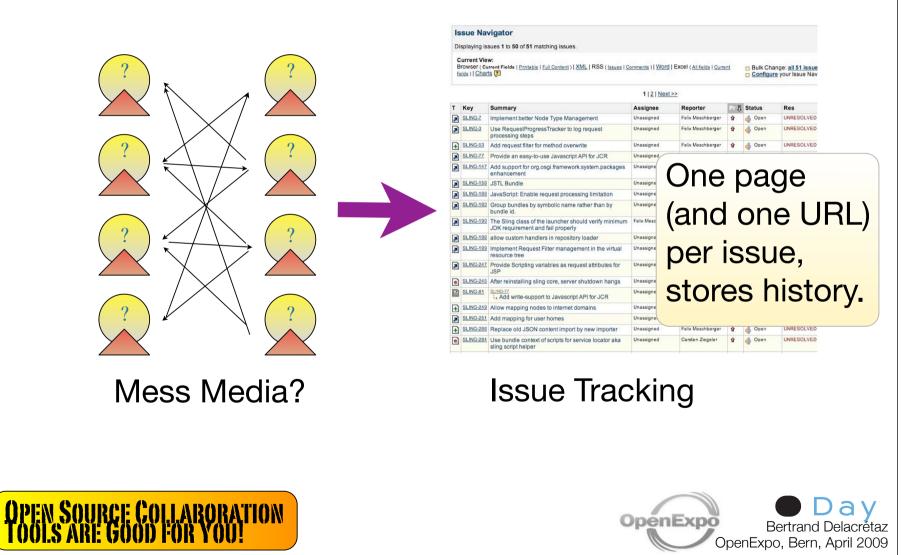
A help (feature, enhancement) request is a **dialog**, and **history** is important. Especially when you need to fix that feature five years later.





Real-time help?





Real-time help.



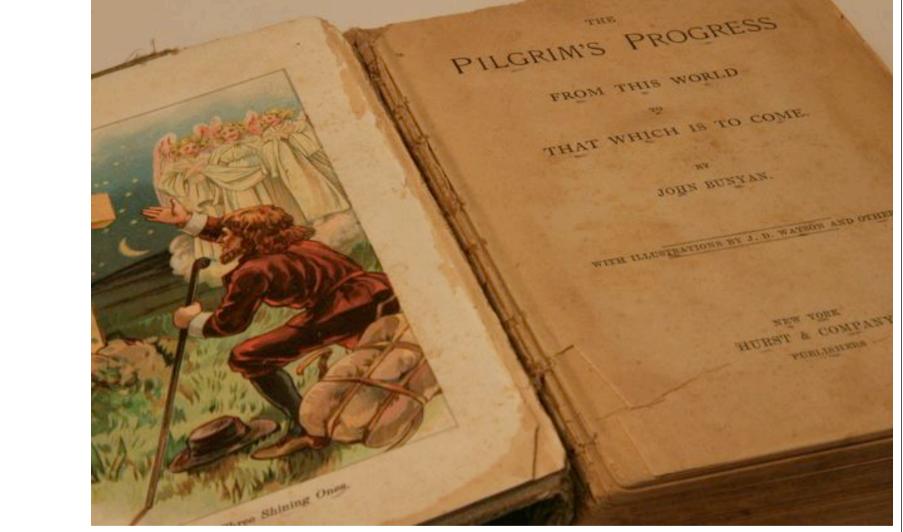


Use an issue tracker instead of "just asking Bob to fix this".

Again - which exact tool you use does not really matter.







Self-service archives

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Bertrand Delacrétaz

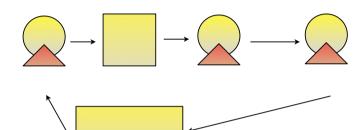
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Self-service archives?







No time to document everything that happens.

Illusions like "we'll have time later" don't help.

New project members need the information in **self-service** mode.





Self-service archives?





Source code control logs, also provide traceability of code.

Issue tracker data is structured and searchable.

Mailing lists are semi-structured and (somewhat) searchable.

Blogs and Wikis stay around.

Near-zero effort if using the rights tools!



Speaking in URLs



http://mytracker/YOG-1234 as opposed to "that memory problem that we found in the blastolyzer module last week".

http://myarchive/mail/2009-03-14-1234567.html points to a very precise message as opposed to "what Bob said last week about the blastolyzer".

Speak in URLs ! In issues, email, blogs, etc.





Are We There Yet?







Help



Archives



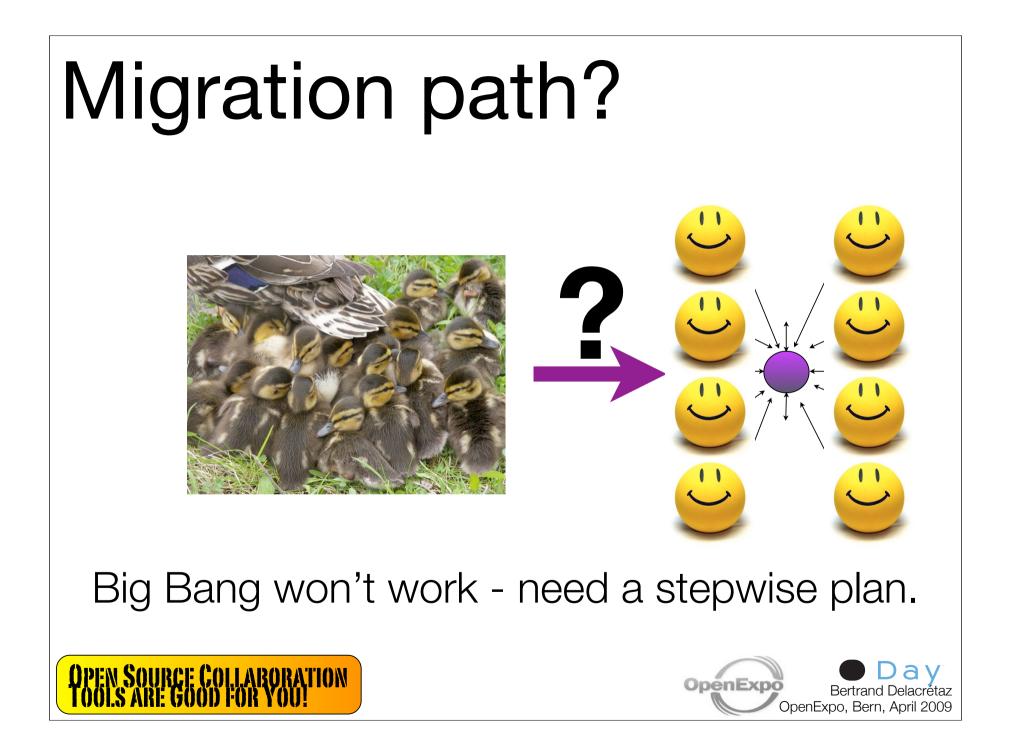


Updates











Migration step 2



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fields) | Charts

Displaying issues 1 to 50 of 51 matching issues.

Browser (current Fields | Printable | Full Content) | XML | RSS (Issues | Comments) | Word | Excel (All fields

т	Key	Summary	Assignee	Reporter	Pr 👵	Status	Res
	SLING-7	Implement better Node Type Management	Unassigned	Felix Meschberger	ŵ	🗳 Open	UNRESOLVED
	SLING-3	Use RequestProgressTracker to log request processing steps	Unassigned	Felix Meschberger	ŵ	🗳 Open	UNRESOLVED
+	SLING-53	Add request filter for method overwrite	Unassigned	Felix Meschberger	ŵ	🗳 Open	UNRESOLVED
	SLING-77	Provide an easy-to-use Javascript API for JCR	Unassigned	Lars Trieloff	ŵ	🗳 Open	UNRESOLVED
	SLING-147	Add support for org.osgi.framework.system.packages enhancement	Unassigned	Felix Meschberger	ŵ	🦂 Open	UNRESOLVED
2	SLING-156	JSTL Bundle	Unassigned	Carsten Ziegeler	ŵ	🗳 Open	UNRESOLVED
	SLING-166	JavaScript: Enable request processing limitation	Unassigned	Felix Meschberger	ŵ	🗳 Open	UNRESOLVED
8	SLING-160	Group bundles by symbolic name rather than by bundle id.	Unassigned	Tobias Bocanegra	ŵ	🗳 Open	UNRESOLVED
	SLING-190	The Sling class of the launcher should verify minimum JDK requirement and fail properly	Felix Meschberger	Felix Meschberger	Ŷ	🦂 Open	UNRESOLVED
	SLING-196	allow custom handlers in repository loader	Unassigned	Tobias Bocanegra	ŵ	🗳 Open	UNRESOLVED
	SLING-199	Implement Request Filter management in the virtual resource tree	Unassigned	Felix Meschberger	Ŷ	🇳 Open	UNRESOLVED
	SLING-247	Provide Scripting variables as request attributes for JSP	Unassigned	Felix Meschberger	Ŷ	🗳 Open	UNRESOLVED
۲	SLING-245	After reinstalling sling core, server shutdown hangs	Unassigned	Tobias Bocanegra	ŵ	🍓 Open	UNRESOLVED
B	SLING-81	SUNG-77 G Add write-support to Javascript API for JCR	Unassigned	Lars Trieloff	ŵ	🗳 Open	UNRESOLVED
÷	SLING-249	Allow mapping nodes to internet domains	Unassigned	Vidar S. Ramdal	Ŷ	🗳 Open	UNRESOLVED
	SLING-251	Add mapping for user homes	Unassigned	Tobias Bocanegra	ŵ	🗳 Open	UNRESOLVED
÷	SLING-266	Replace old JSON content import by new importer	Unassigned	Felix Meschberger	ŵ	🗳 Open	UNRESOLVED
•	SLING-284	Use bundle context of scripts for service locator aka sling script helper	Unassigned	Carsten Ziegeler	Ŷ	open 🇳	UNRESOLVED

Issue Tracking

Bring **structure** to the "what are you **working on**", "where do we **stand**" and "what brings us **from A to B**" questions.

Document the many **microdecisions** that shape your project.

Review and update **priorities** and assignments at will. Makes all the difference in a **crisis**.





Migration step 3







Repeatable, **automated builds** instead of "just configure your IDE like mine".



Speed up the feedback loop through **continuous integration**.



Moving to automated builds might require a sizeable **initial effort**.





Migration steps 4..N





Archived discussions should be next.



Wikis and blogs help a lot, but are not as critical.



Instant messaging, IRC and Twitter (or ESME) are very useful, but have **less impact** on the overall way of working.







Mistakes in public?

Learn by doing - only the first few mistakes are hard...



Is living proof that making mistakes in public does not kill.



OpénExpo

Bertrand Delacrétaz

OpenExpo, Bern, April 2009



picture by xenia on morguefile.com





Focus on the **goals**, not on the tools (can be challenging with geeks...)

Source code control system and issue tracker bring the most value.

Archived discussions and other tools are very nice to have.



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