

Open Development in the enterprise

V9.53

Bertrand Delacrétaz

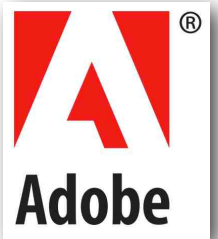
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slides revision: 2013-09-11



speaking for
myself, based
on my
experience at
Day and
Adobe



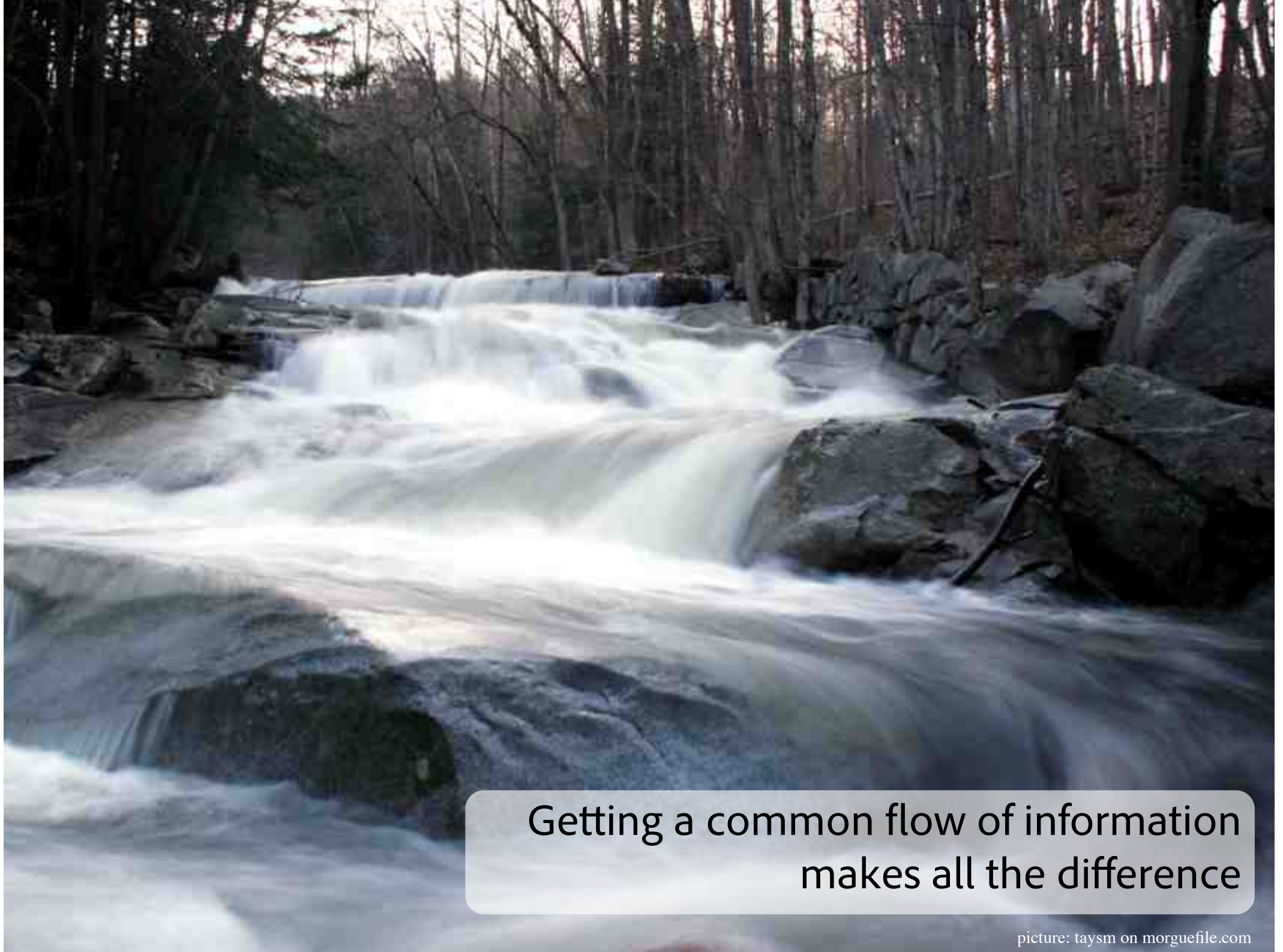


Open Development? *Inside* my company?

Who needs secrets?
Who cares if your code is not yet perfect?



Corporate teams are too often isolated
in their own watertight boxes...



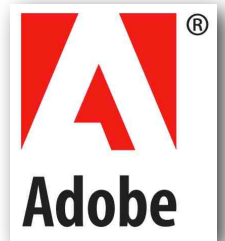
Getting a common flow of information
makes all the difference



it's about
feedback

pictures: taliesin, [kevinrossee](#) xfoto on morguefile,

what
is open development?



Open Development?

It's like open source...

Many eyeballs

Written communications

Chatty mailing lists

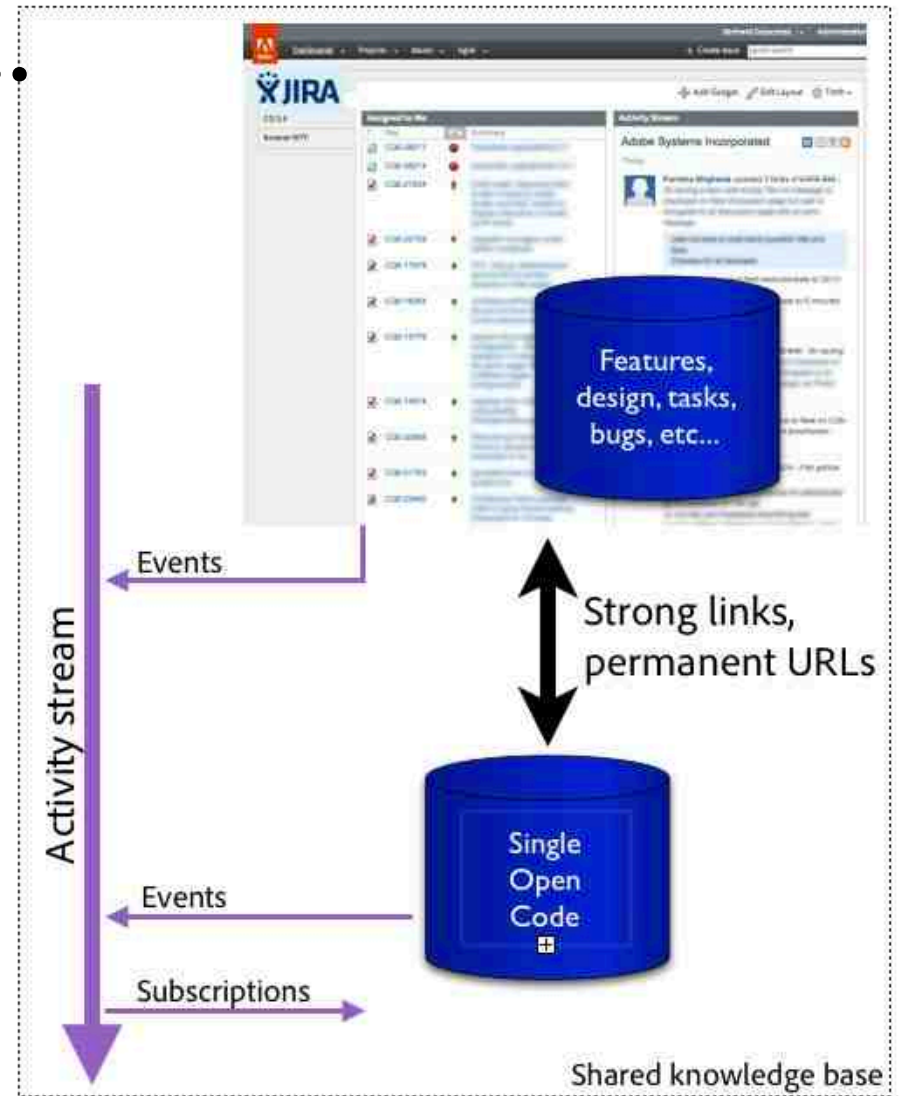
Asynchronous, distributed

No meetings?

Quicker feedback

Learn from others

Make mistakes in public...

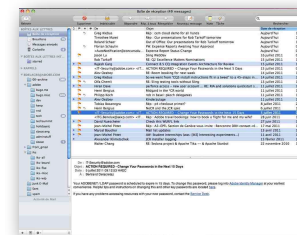


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IN THE ENTERPRISE**

Our setup

A central issue tracker for *everything*: features, bugs, test setups, server upgrades, ...

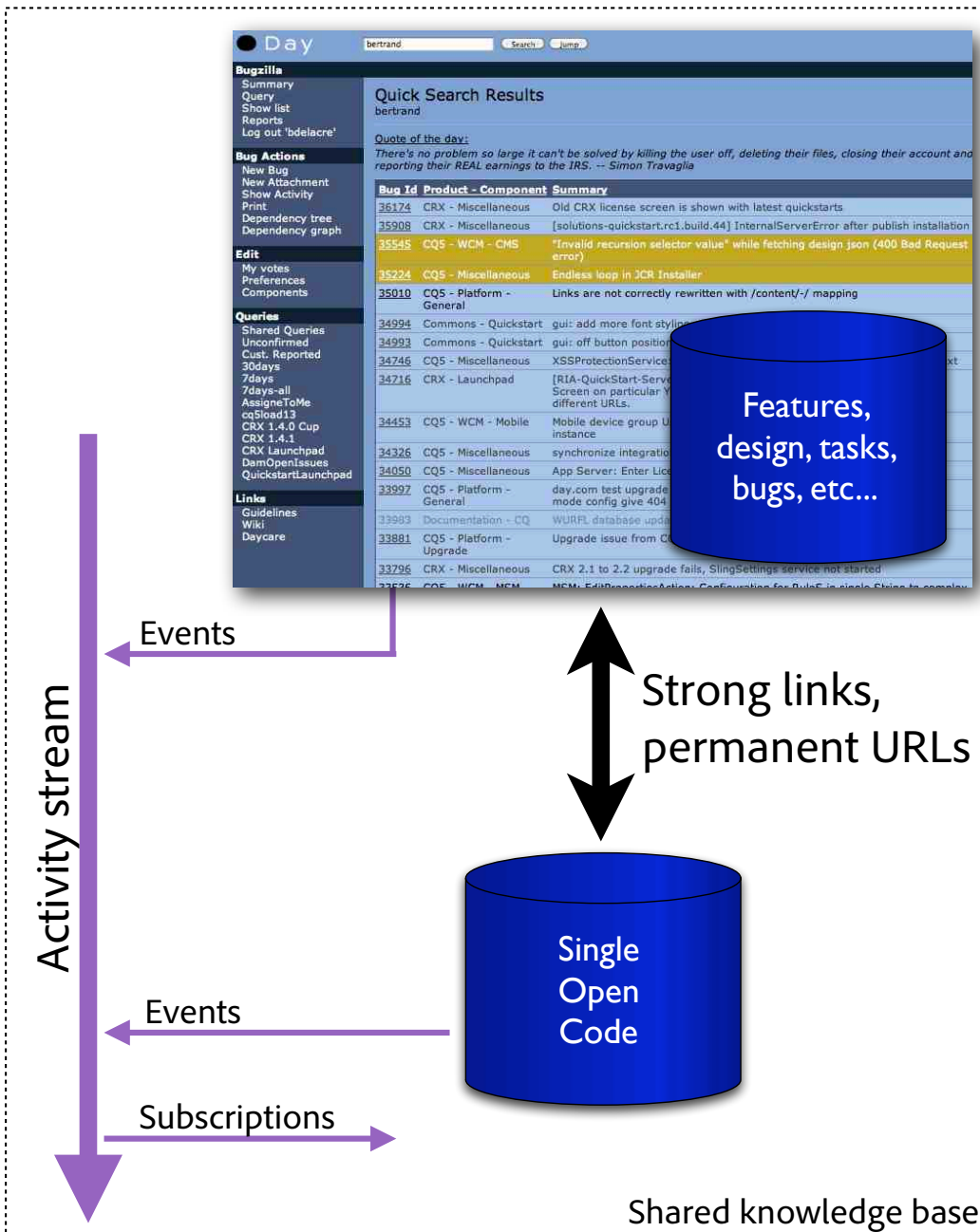
A single open code repository, discoverable. **Activity streams** provide real-time info.



Some email
mostly on mailing lists
mostly throwaway



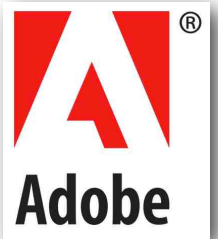
Some
«vision»
meetings



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what

do we create with open dev?

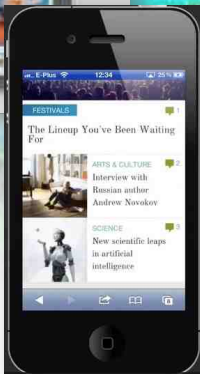




Adobe Marketing Cloud

Introducing Adobe Experience Manager

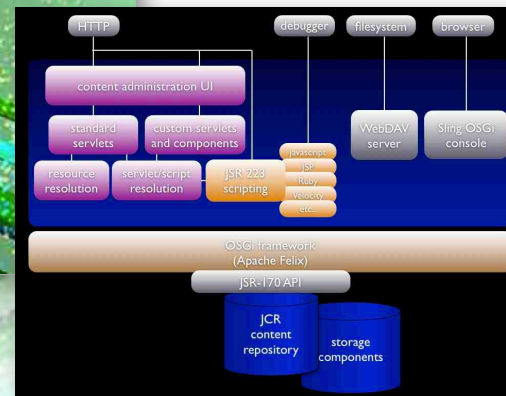
Manage your digital presence quickly, efficiently, painlessly



and many others...



piggy: mconnors on morguefile.com



Apache Jackrabbit

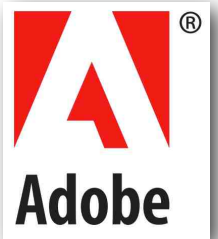


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how

does open development work?



4 drivers

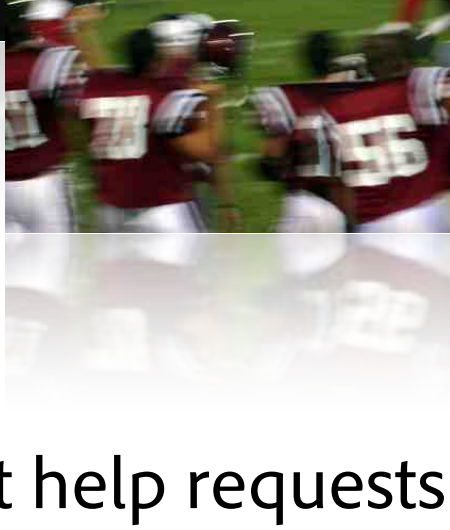
Shared vision



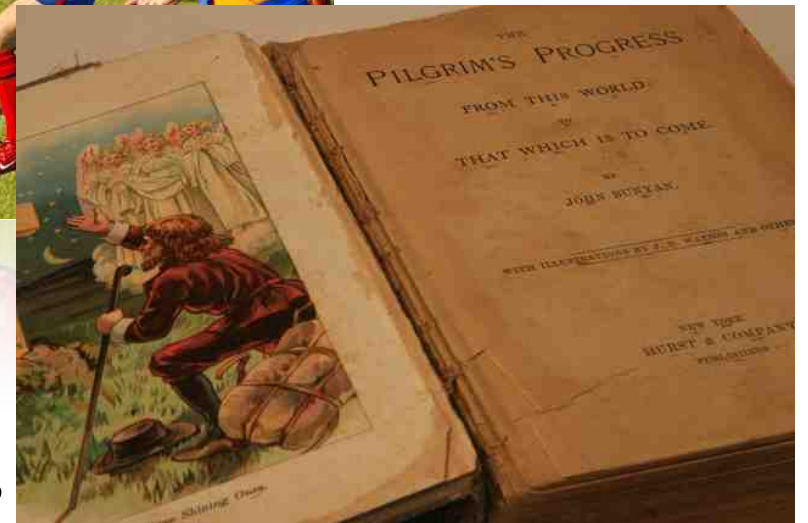
Real-time status updates



Broadcast help requests



Searchable archives



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Shared vision



Real-time status updates



Broadcast help requests

Searchable archives



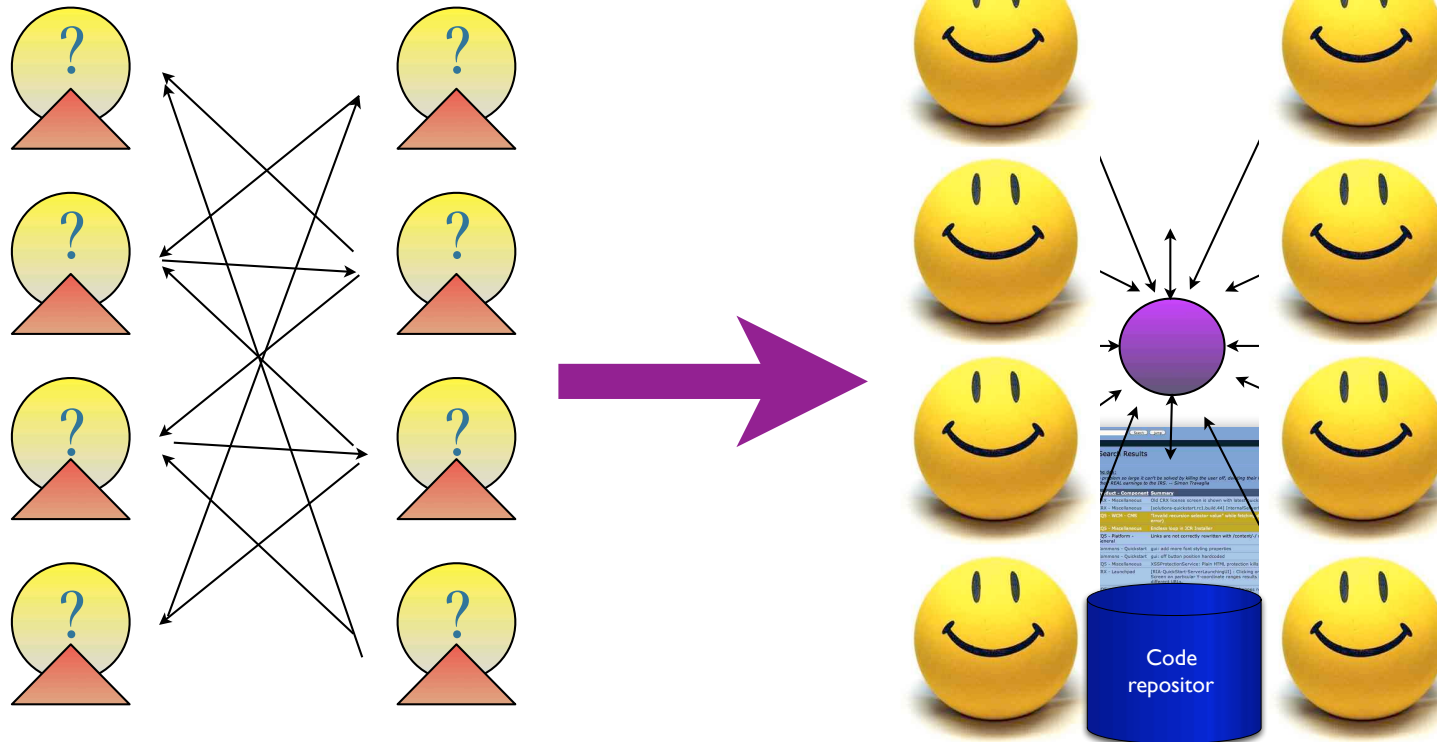
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central hub



Move from 1-to-1 email to a **central hub**
(mailing list, tracker, code repository)

Any important info has a **permanent URL** (wiki, tracker, etc.)

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hub-and-spoke model



Avoid 1-1 for project communications
All discussions/decisions on list + tracker
Shared source code, read-write

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picture: <http://morguefile.com/archive/display/211010> by roganjosh

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Speak in URLs!

in issues, email, blogs etc.



<http://mytracker/YOG-1234>

As opposed to “that memory problem that we found in the blastolyzer module last week”.
Common abbreviated forms like YOG-1234 work as well.

<http://myarchive/mail/2009-03-14-1234567.html>

Points to a precise message as opposed to “what Bob said last week about the blastolyzer”.

Revision 123456

Points to a commit that changes one thing.
(and one thing only, right? No “big bangs”)

Shared vision



Real-time status updates



Broadcast help requests



Searchable archives



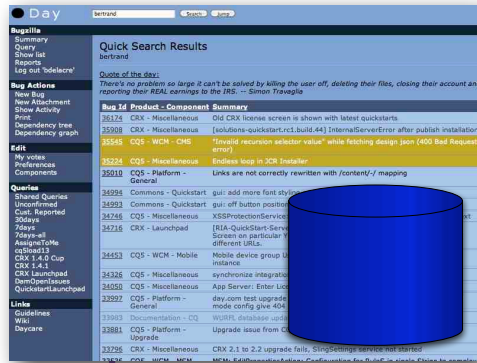
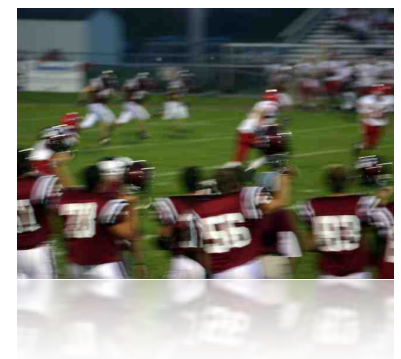
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Real-time updates



Events generated by the tracker, code repository and mailing lists all contribute to the project's **activity stream**.

Combined with tracker and code repository queries, this provides **real-time** project status information.

Status meetings? No thanks.



Some «vision» meetings

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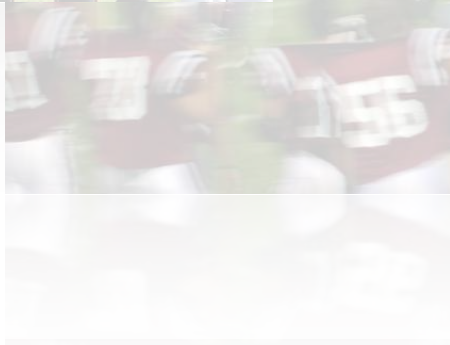
Shared vision



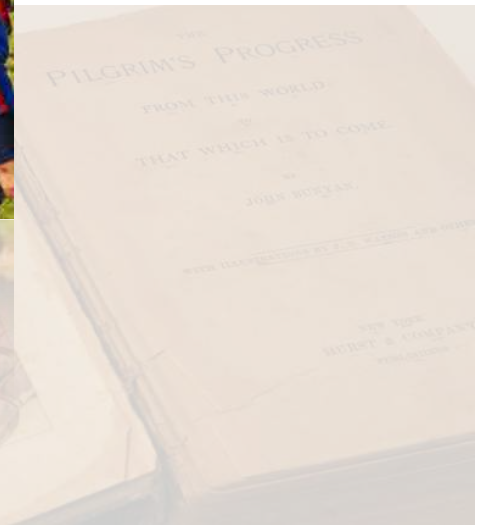
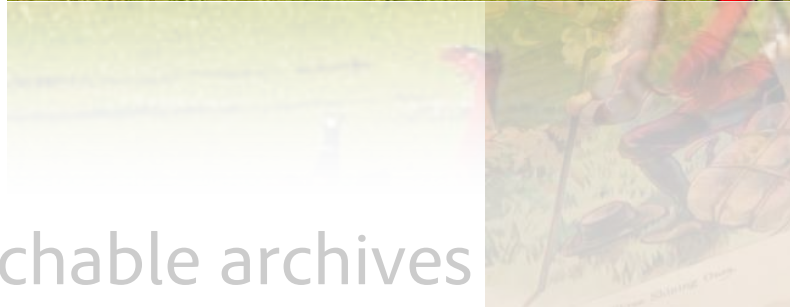
Real-time status updates



Broadcast help requests



Searchable archives



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Broadcast help requests



The screenshot shows the Bugzilla interface with search results for the user 'bertrand'. The interface includes a navigation menu on the left with sections like 'Bugzilla', 'Bug Actions', 'Edit', 'Queries', and 'Links'. The main content area displays a 'Quick Search Results' table with columns for Bug Id, Product, Component, and Summary.

Bug Id	Product	Component	Summary
36174	CRX	Miscellaneous	Old CRX license screen is shown with latest quickstarts
35908	CRX	Miscellaneous	[solutions-quickstart.rc1.build.44] InternalServerError after publish installation
35545	CQ5	WCM - CMS	"Invalid recursion selector value" while fetching design json (400 Bad Request error)
35224	CQ5	Miscellaneous	Endless loop in JCR Installer
35010	CQ5	Platform - General	Links are not correctly rewritten with /content/-/ mapping
34994	Commons	Quickstart	gui: add more font styling properties
34993	Commons	Quickstart	gui: off button position hardcoded
34746	CQ5	Miscellaneous	XSSProtectionService: Plain HTML protection kills accents and Japanese text
34716	CRX	Launchpad	[RIA-QuickStart-ServerLaunchingUI] : Clicking on CRX Server Launching Screen on particular Y-coordinate ranges results in Browser opening with different URLs.
34453	CQ5	WCM - Mobile	Mobile device group User-Agent config changes not activated on publish instance
34326	CQ5	Miscellaneous	synchronize integration testing frameworks
34050	CQ5	Miscellaneous	App Server: Enter License key leads to internal server error
33997	CQ5	Platform - General	day.com test upgrade from load24 to load25: inline pictures, title and edit mode config give 404
33903	Documentation	CQ	WURFL database updates process
33881	CQ5	Platform - Upgrade	Upgrade issue from CQ5.4 build23 to build24
33796	CRX	Miscellaneous	CRX 2.1 to 2.2 upgrade fails, SlingSettings service not started
33726	CQ5	WCM - WCM	WCM: Edit/Preview/Action: Configuration for RuleEngineSingleChange to comply

Create an issue in the tracker instead of just asking Bob to fix it.

Traceable. Shareable.

Bob makes up its own schedule based on tracker queries.

Contributes to the real-time **status updates**.

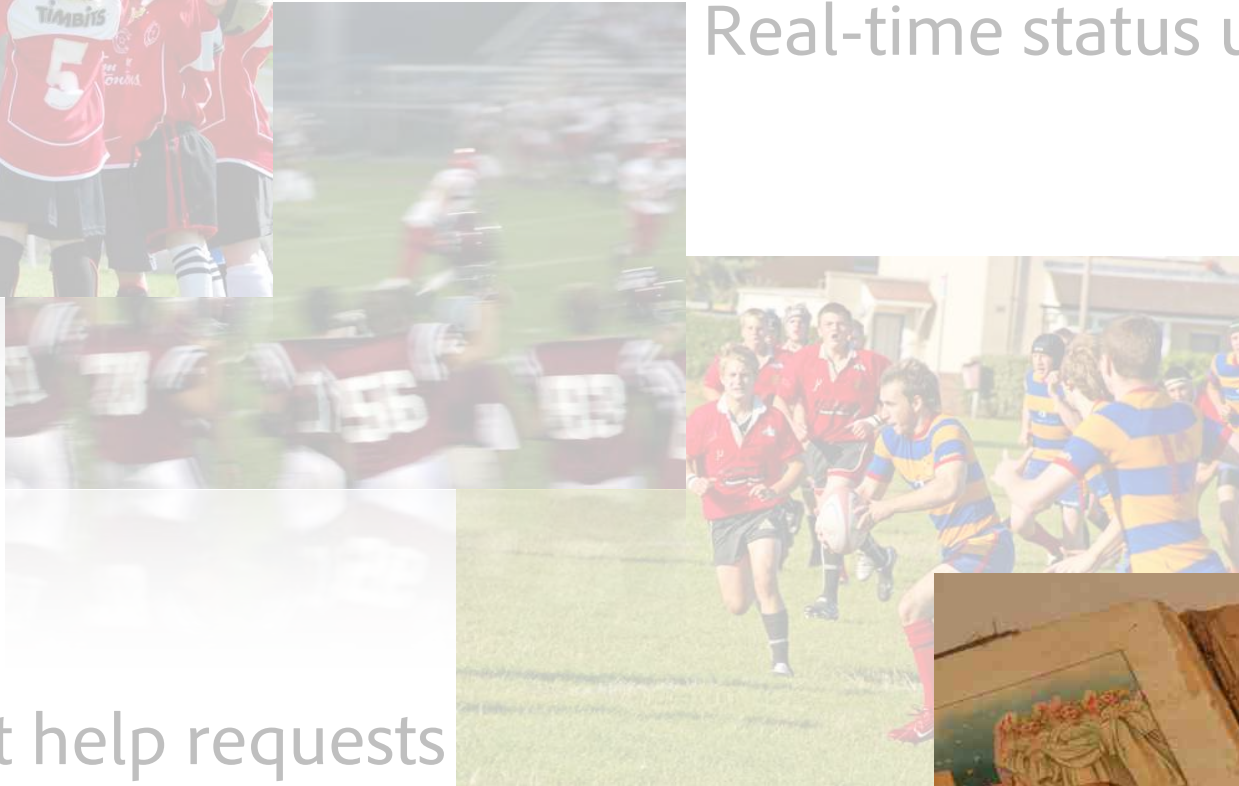
Crisis? Reassign issues quickly.

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Shared vision

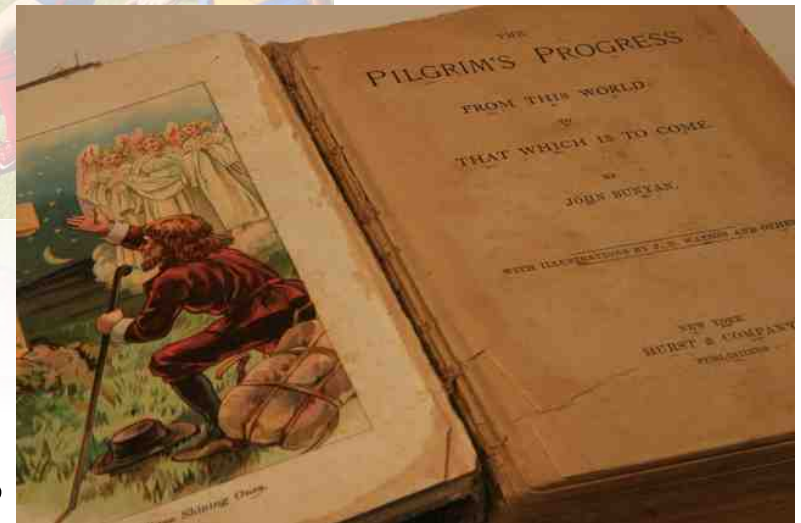


Real-time status updates



Broadcast help requests

Searchable archives



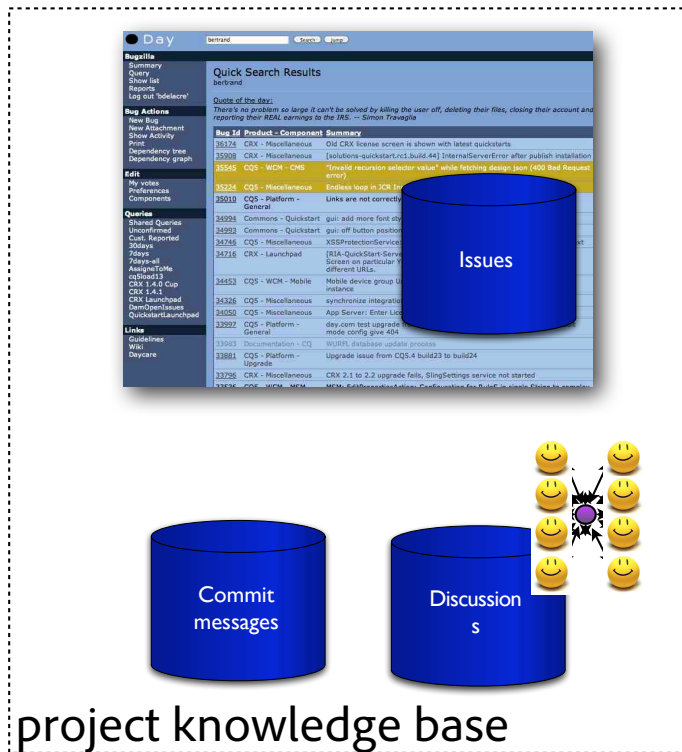
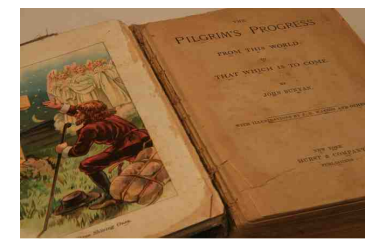
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Self-service archives



Putting the tracker, code repository and mailing lists at the center creates a **live knowledge base** of project information.

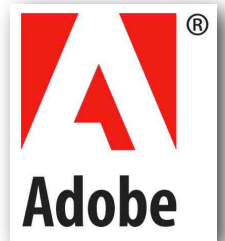


Invaluable help for new project members getting up to speed.

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why?
do open development?



Why?

Project success!

Shared vision



Less meetings!

Real-time status updates



Efficient planning!



Knowledge base!



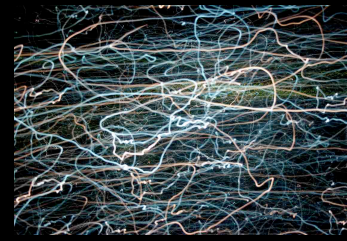
Broadcast help requests

Searchable archives

and also...



More sustainable software and processes.



Better software structures.



Higher software quality.



Improve your communications skills.
Learn to make mistakes in public.
Show where you can add value.

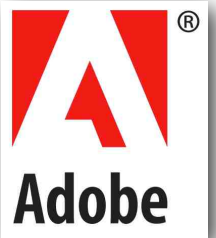


Reputation and mutual trust.

Better quality and more fun...

coda

(aka “where do I put this”)



The Five Wisdoms of open development

If it didn't happen on the dev list, it didn't happen.

Whatever you're working on, it must be **backed by an issue** in the tracker.

If it's not in the **source code control system**, it doesn't exist.

If it's important, it needs a **permanent URL**.

What happened while you were away? Check the **activity stream** and archives.

if you remember just one thing....(well, five)

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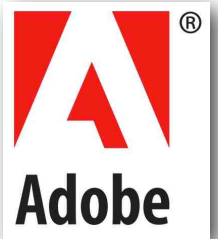


mistakes

in public...

me?

start with small steps



That's us

Work like an open-source project.

Everybody has a voice.

Information is shared, all the time.

People learn from each other.

Meetings are for vision and software design, basic info flows continuously.

Reading list:
<http://x42.ch/11.70.01>

(<http://delicious.com/bdelacretaz/opendevlopment>)

I'm @bdelacretaz - thanks!

