

# ADOPTING AGILE METHODS AND OPEN SOURCE TOOLS IN A LARGE ENTERPRISE

Domenico Alessi - Ericsson / Manuel Vacelet - Enalean




# TULEAP OPEN ALM



- **Full featured ALM:** agile planning, documentation, git, wiki, subversion, forums, ...
- **Fully customizable** tracking system (bugs, stories, todo, vendors, you name it)
- Focus on **Enterprise** and **Industry** needs
- And Libre & Open Source (GPLv2+)

# GIT

The screenshot shows the Tuleap web interface. At the top left is the Tuleap logo with the tagline 'Open ALM'. A navigation bar contains 'Home', 'My Personal Page', and 'Project Tree'. Below this is a secondary navigation bar with links: '[Public] Tuleap » Admin Documents Wiki Forum Lists News Subversion Files Trackers v3 Trackers Agile Dashboard'. The main content area is titled 'Repository list | Fork repositories | Help' and features the repository name 'tuleap/stable' in large bold text. Below the name is a text box containing the SSH URL 'gitolite@tuleap.net:tuleap/tuleap/stable.git' and a 'Settings' button. A section header '> tuleap/stable.git / summary' is followed by a row of links: 'summary | shortlog | log | commit | commitdiff | tree'. A metadata section lists: 'description Tuleap stable repository (release tags and branches)', 'owner git', and 'last change Thu, 07 Mar 2013 16:30:02 +0000'. A 'shortlog' section follows, showing two commit entries: '21 hours ago Manuel Vacelet gpgsig -----BEGIN PGP SIGNATURE----- master' with links for 'commit | commitdiff | tree | snapshot'.

 **tuleap**  
Open ALM

Home My Personal Page Project Tree

[Public] Tuleap » Admin Documents Wiki Forum Lists News Subversion Files Trackers v3 Trackers Agile Dashboard

Repository list | Fork repositories | Help

## tuleap/stable

ssh gitolite@tuleap.net:tuleap/tuleap/stable.git ? Settings

### > tuleap/stable.git / summary


summary | [shortlog](#) | [log](#) | [commit](#) | [commitdiff](#) | [tree](#)

description Tuleap stable repository (release tags and branches)  
owner git  
last change Thu, 07 Mar 2013 16:30:02 +0000

#### shortlog

21 hours ago Manuel Vacelet gpgsig -----BEGIN PGP SIGNATURE----- [master](#) [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)  
21 hours ago Manuel Vacelet gpgsig -----BEGIN PGP SIGNATURE----- [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)

# PERSONAL DASHBOARD


Logged In: LVance | Logout | Bookmark This Page

Home My Personal Page Project Tree Help

**My Dashboard** | Account Maintenance | Preferences

**Personal Page for Landry Vance (LVance) [?]**

Your personal page contains lists of bugs [A]ssigned to or [S]ubmitted by you, tasks assigned with percentage completion, monitored forums and packages plus a list of groups that you are a member of.

**Playground presentation** [Preferences]

**Congratulations!** You are logged as Landry Vance, the project administrator of the Playground workspace. You are granted with all access permissions so you can customize the project, trackers, create new artifacts or documents, specify permissions etc. To guide you in your evaluation, follow the [Demo Guide](#). Let's start!

[\[Go to document\]](#)

**My Projects** [Admin]

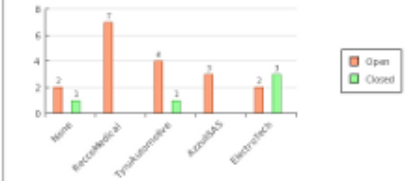
Legend: Private Public

**My Artifacts (Tracker VS) [A]** [Preferences]

- Playground - Bugs [2]
  - bugs #199 - trouble on start
  - bugs #87 - a new bug with severity = 4
- Playground - Requirements [1]
- Playground - Tasks [2]
  - tasks #145 - Testing
  - tasks #73 - Setup Hudson integration build
- Projet de Demo - Bugs [1]
  - bugs #133 - Erreur notification HTML, email notification

**Playground-Submitted bugs by organization** [Preferences]

**Playground-Submitted bugs by organization**



[Go to report]

**Playground Gantt Chart** [Preferences]


**Playground Gantt Chart**

ID	Summary	Start	End	Priority
72	Update documentation	2012-09-07	2012-09-07	Low
73	Setup Hudson integration build	2012-09-07	2012-09-07	High
74	Required system availability	2012-09-07	2012-09-07	High
75	Centralized data storage	2012-09-07	2012-09-07	High
76	Organizational responsibilities	2012-09-07	2012-09-07	Low
77	Possibility study to be made	2012-09-07	2012-09-07	Low
78	Hardware requirements	2012-09-07	2012-09-07	High
79	Setup Global Framework	2012-09-07	2012-09-07	High
80	Design parameters and settings	2012-09-07	2012-09-07	High
81	Create a hello world file	2012-09-07	2012-09-07	High
89	Fix bug from Arcade	2012-09-07	2012-09-07	High
141	Update source code	2012-09-07	2012-09-07	Low
145	Testing	2012-09-07	2012-09-07	Low
147	Read requirements	2012-09-07	2012-09-07	Low
200	Import central into registry	2012-09-07	2012-09-07	Low
202	Develop new features	2012-09-07	2012-09-07	Low

[Go to report]

**Playground-Requirements nature** [Preferences]

**Playground-Requirements nature**



[Go to report]

**Monitored File Packages**

- Playground [3]
  - Hello\_World
  - Camelia
  - Letus
  - Projet de Demo [1]
    - Hello\_World

**Documents under review**

**Reviewer**  
No document under review.

**Requester**

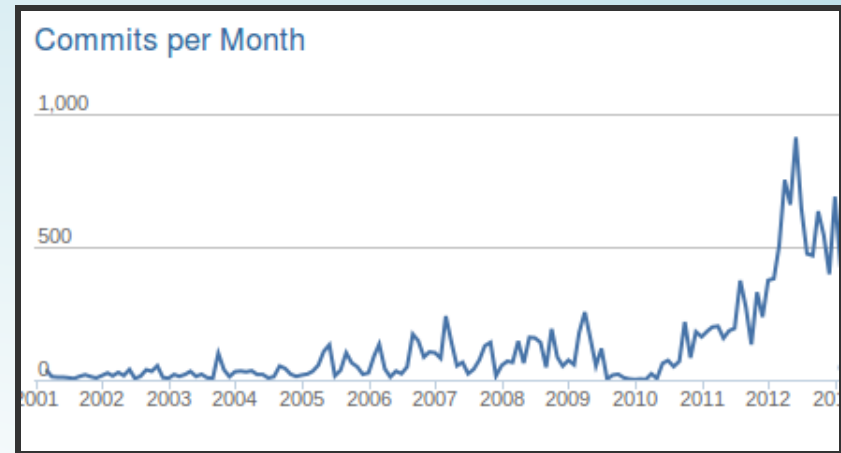
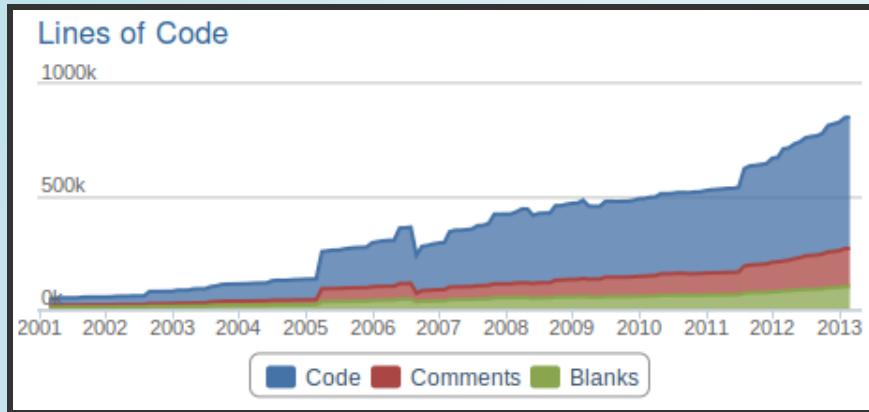
Document	Status	Due Date
Specification-Matrix	Disabled	2011-10-12
Functional Requirement	Not Yet	2011-10-13
System-Design	Not Yet	2011-12-07

**Priority Colors:**

1 2 3 4 5 6 7 8

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# ACTIVE DEVELOPMENT

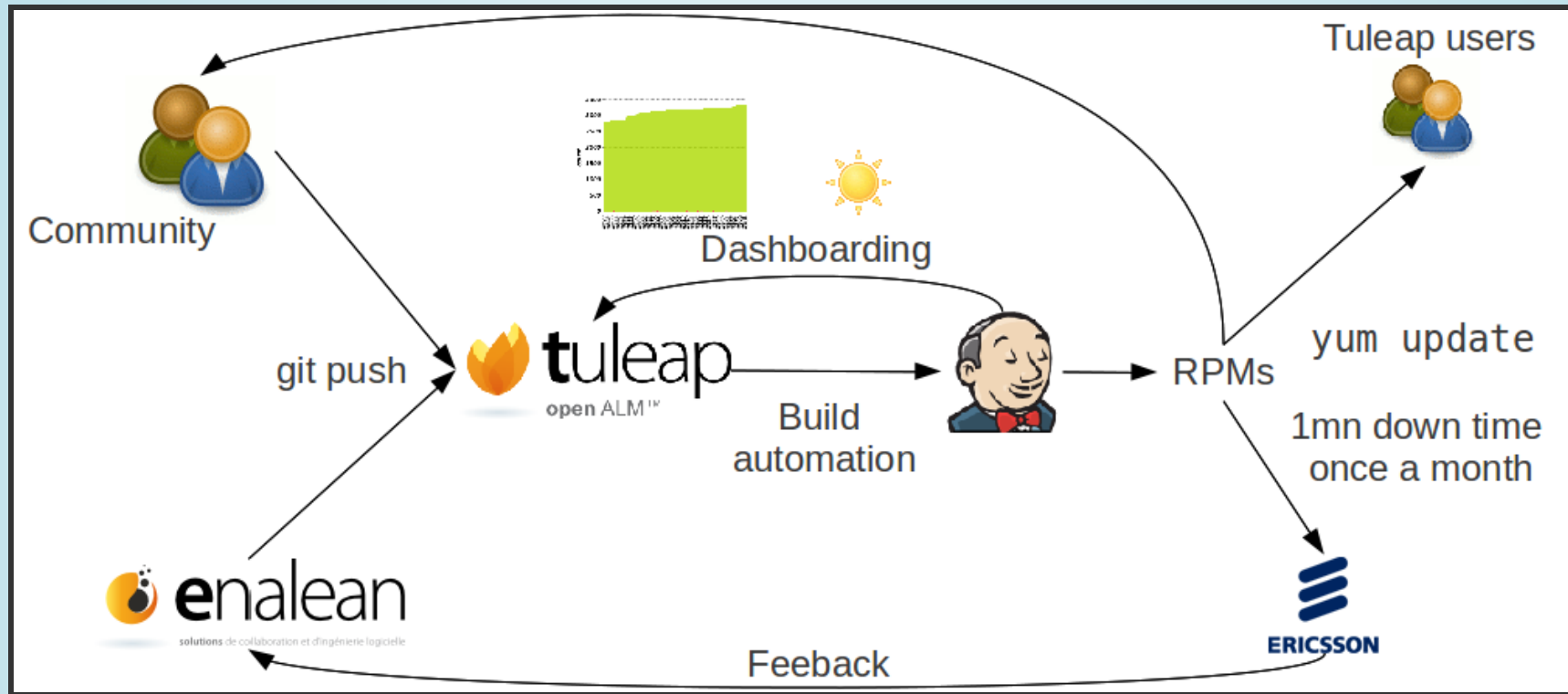


Source [Ohloh.net](http://Ohloh.net)

# AGILE DEVELOPMENT

- What if your tools could adapt quickly to user needs ?
- What if you could drive evolution every 15 days ?
- Can we help reduce Shadow IT and TCO?

# DEVOPS DELIVERIES



# ERICSSON AND ENALEAN WAYS OF WORKING

- Ericsson acts as Product Owner
- Co-funded development: Enalean consolidates requests

Not only Ericsson. Other major players:  
STMicroelectronics, Orange, ...



# ERICSSON FILLS THE BACKLOG

H2 - Next » [Sprint 21](#)

**Admin**

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**Sprint 21** ▾  
Dec 03 - Dec 15

[Backlog/Planning](#) [Burndown](#) [Card Wall](#)

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### Release Backlog

**+ Cross Trackers Search**

Use right arrow on item to move it to current milestone [Add](#) ▾  
or bottom/up arrow to rank items.

- Validation on dates in Tracker** [epic #1786](#) ▾  
▾ details  
Remaining Effort: **0**
- Hierarchical view of artifact** [epic #1692](#) ▾  
▾ details  
Remaining Effort:

### Sprint Plan

Capacity: 0 / 5 [sprint #1899](#) ▾  
Use left arrow on item to move it on backlog or bottom/up arrow to rank items.

- + Exploit all Tuleap features for date validation story #1788** ▾  
▾ details  
Remaining Effort: **0**

Tuleap: Sprint 40 ^

# ENALEAN ESTIMATES COSTS

Analysis, mock-ups, discussion with end users

# Release 6

Backlog

Content

tab

## Stories to be done for Release 6

#213: Gerrit Integration

**Story #23** ▾

As a project admin, I want to be able to migrate repositories to Gerrit

Remaining story point: 2

#213: Gerrit Integration

**Story #96** ▾

As a Project Admin, I want to be able to manage permissions on Gerrit through Tuleap interface

Remaining story point: 3

#213: Gerrit Integration

**Story #87** ▾

As a user, I want my work pushed to Gerrit replicated on Tuleap

Remaining story point: 3

#213: Gerrit Integration

**Story #798** ▾

As a User I want to be notified when a Tuleap repository is migrated to Gerrit

Remaining story point: 1

#723: Documentation

**Story #82** ▾

As a User I want Tuleap to provide a simple but complete documentation

Remaining story point: 2

#723: Documentation

**Story #28** ▾

As a User, I want the documentation to be available in multiple languages (at least French and English)

Remaining story point: 3

#498: Mediawiki

**Story #74** ▾

#498: Mediawiki


**Story #65** ▾

# ERICSSON PRIORITIZES

- buy sauce stories #5790

▼ détails

Remaining Effort: **3**

Assigned to: 

Impediment: ← ↓ ↑

Some story stories #427

▼ détails

Remaining Effort:

Assigned to:

Impe tasks #57

oil tasks #57

▼ détails

Remaining Effort:

Assigned to:

+ Mustard tasks #5791

▼ détails

Remaining Effort: **0**

Assigned to: ← ↓ ↑

Salt tasks #5793

▼ détails

Remaining Effort: **0**

Assigned to: ← ↓ ↑

+ This is a test testcases #41297

▼ détails

Remaining Effort: **3** ↑

# SPRINT PLANNING

Every 15 days, Enalean picks-up top priority stories

- **Sprint 40**: focus on Gerrit replication
- **Sprint 39**: Burndown ideal line tweaking
- **Sprint 38**: Systray for better ergonomy

Ps: it's free and open source, so backlog and sprints are!

# DAILY STANDUP - CARDWALL

**Sprint 40** ▾  
Mar 04 - Mar 16

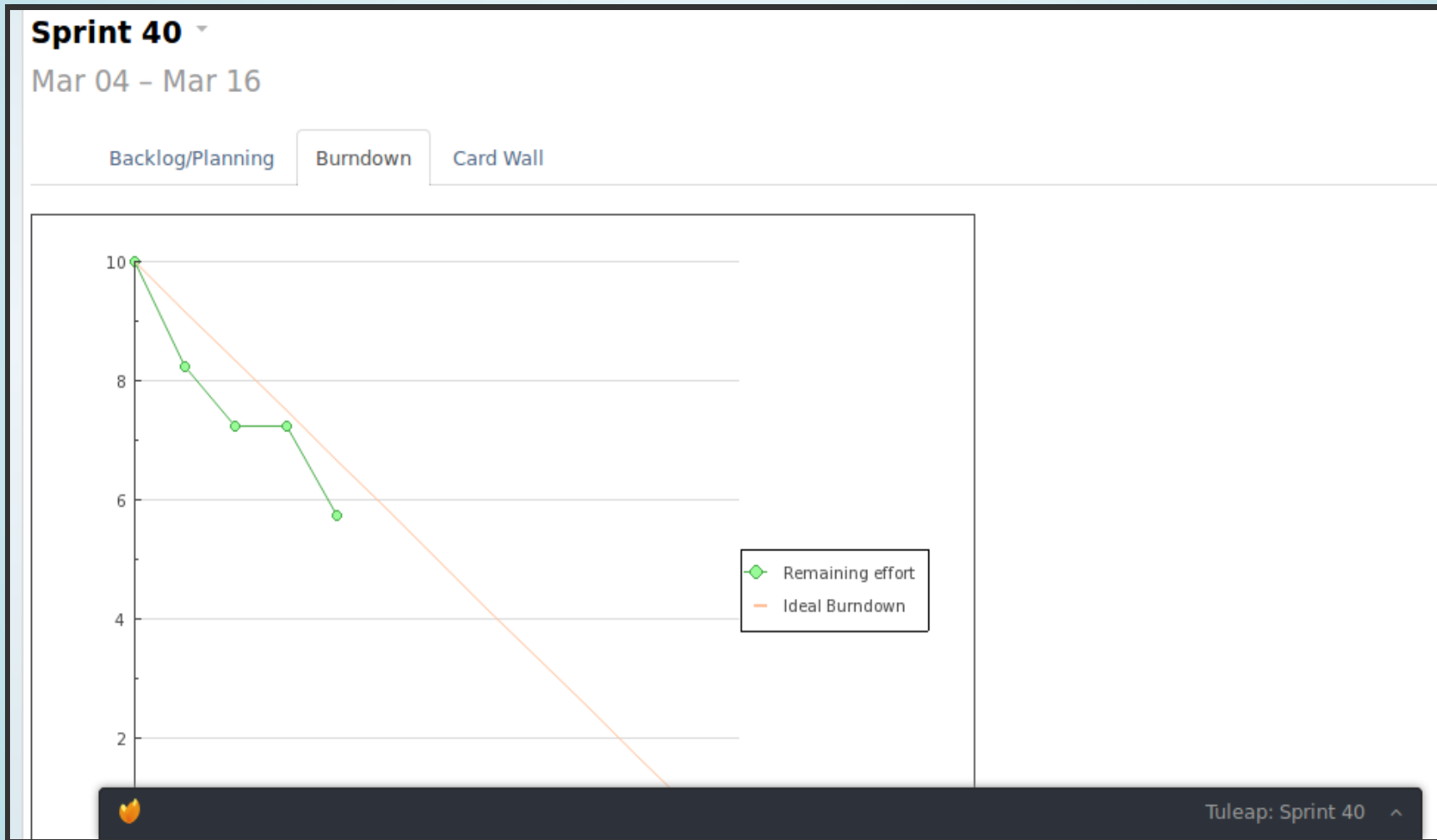
Backlog/Planning   Burndown   **Card Wall**

[Configur](#)

User stories	To be done	On going	Functional Review
<div style="border: 1px solid #ccc; padding: 5px;"><p>Replicate Gerrit content onto Tuleap using Replication mecanism <span style="float: right;">story #2504 ▾</span></p><p><small>▾ details</small></p><p>Remaining <input type="text" value="0.5"/></p><p>Story</p><p>Points: <input type="button" value="ok"/> <input type="button" value="cancel"/></p></div>			<div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;"><p>Desactivate fetch <span style="float: right;">tasks #2760 ▾</span></p><p><small>▾ details</small></p><p>Assigned to: <input type="text" value="x dylan bowden (dylan)"/></p><p><input type="button" value="ok"/> <input type="button" value="cancel"/></p><p>Impediment:</p></div> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;"><p>Remove add remote <span style="float: right;">tasks #2761 ▾</span></p><p><small>▾ details</small></p><p>Assigned to: <span style="color: red;">D</span></p><p>Impediment:</p></div> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;"><p>Update documentation for gerrit admin to setup replication <span style="float: right;">tasks #2762 ▾</span></p></div>

Tuleap: Sprint 40 ^

# DAILY STANDUP - BURNDOWN



# MONTHLY RELEASES

TULEAP 5.12 - MARCH'13

- **Ericsson**: **Gerrit** replication and **burndown**
- **STMicroelectronics**: **Gerrit** user group
- **Orange**: **Mediawiki**-beta merged to master
- **Community** contribs: better color for **Tracker** graphs



# KAISEN

- Bi-Weekly Demos
- Mid-Year Retrospectives

# BENEFITS



- Buying capacity and not licenses
- End user empowerment
- It's actually more fun than waiting months or years or never for features
- Less of a need for SLA contracts

# TULEAP 6: NEXT MAJOR RELEASE

- Agile Dashboard v1
- Mylyn Connector (in collaboration with Obeo)
- Gerrit
- Mediawiki - beta
- Debian, Centos 6 distributions

# ROADMAP (AFTER 6.0)

- Interface overhaul (HTML5)
- Agile: Scrum fine tuning + Kanban
- Test management
- REST + OSLC (Tool Integrations)
- Uplift of Mylyn Plug-in to Kepler

Questions ?

PS: Enalean is hiring!

- <http://tuleap.net>
- <http://www.ericsson.com>
- <http://enalean.com>

# GIVE FEEDBACK ON THE SESSIONS

