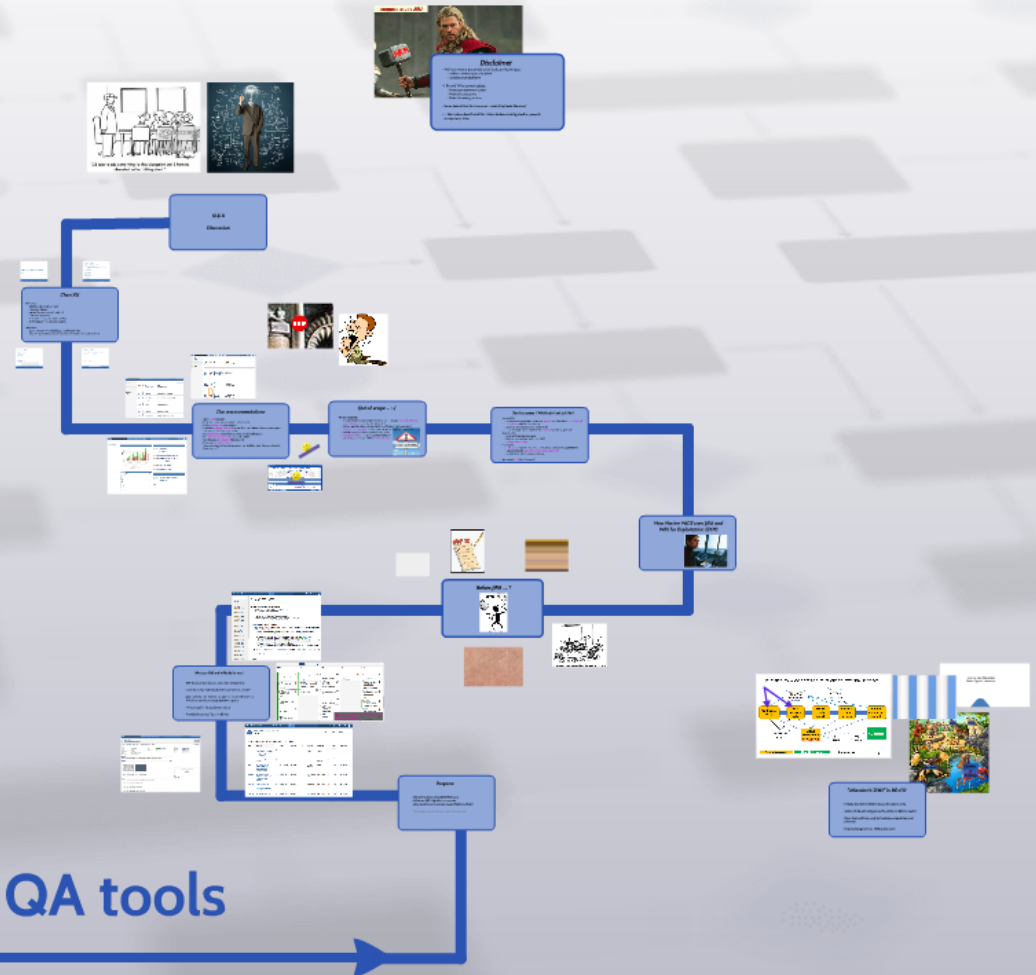
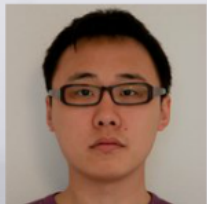


JIRA & Wikis as collaboration and QA tools

Marian ZUREK, Marine PACE, Chen XU



JIRA & Wikis as collaboration and QA tools

Marian ZUREK, Marine PACE, Chen XU

Purpose

- We aim to show what JiRA/Wikis are
- What we (BE-CO) offer as a service
- We present some real use cases (Marine & Chen)
- *We enable you to discuss, take the decision*

What can JiRA and Wikis do for you?

- JiRA for issue tracking, collaboration and planning
- Wikis for online collaborative documentation, minutes
- JiRA and wikis are "linked", i.e. you can make references / links between them, create dynamic reports
- Widely used in the accelerator sector
- Provided by a small Team in BE-CO

BI-LHC / BILHC-7 log nb of bunches in timber

Edit Comment Assign More Close Issue Reopen Issue Admin

Export

Details

Type: Improvement Status: RESOLVED (View Workflow)
Priority: Minor Resolution: Fixed
Component/s: BCTFRLHC
Labels: BCT bunches fast ring
Environment: BCTFRLHC.v31 ppc4

People

Assignee: Michael Ludwig
Reporter: Michael Ludwig
Votes: 0 Vote for this issue
Watchers: 0 Start watching this issue

Description

the new field nbBunchesPopulated must also be logged into timber to become widely useful. Verify & test if it works....

Dates

Due: 15/Feb/12
Created: 31/Jan/12 11:10 AM
Updated: 23/Apr/12 11:07 AM
Resolved: 23/Apr/12 11:07 AM
Date of First Response: 16/Feb/12 1:04 PM

Attachments

Attachments section containing two image thumbnails: bctfr_bchCnt.PNG (125 kB, 20/Apr/12 5:43 PM) and bctfr_bunches.PNG (59 kB, 21/Mar/12 8:23 AM).

Drag and Drop

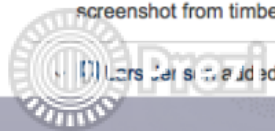
Drop files here to attach them or Select files

Activity

- Activity tabs: All, Comments, Work Log, History, Activity, Source, Reviews, Transitions
- Lars Jensen added a comment - 16/Feb/12 1:04 PM: Email with Excel file was sent to acc-logging-handler today (awaiting comments 😊)
- Lars Jensen added a comment - 21/Mar/12 8:23 AM: screenshot from timber (yesterday)
- Lars Jensen added a comment - 21/Mar/12 8:24 AM - edited

Agile

View on Board





Meetings

- > Support-pages
- TBDeleted after
- 31-July-2014
- CTB.01.2013-09-26
- CTB.02.2013-10-03
- CTB.03.2013-10-10
- CTB.04.2013-10-17
- CTB.05.2013-10-24
- CTB.06.2013-11-07
- CTB.07.2013-11-14 (postponed)
- CTB.08.2013-11-21
- CTB.09.2013-11-28
- CTB.10.2013-12-05 (postponed)
- CTB.11.2013-12-11
- CTB.12.2013-12-18
- CTB.13.2014-01-16
- CTB.14.2014-02-13
- CTB.15.2014-02-27
- CTB.16.2014-03-06
- CTB.17.2014-03-20
- CTB.18.2014-03-27
- CTB.19.2014-04-10
- CTB.20.2014-04-24
- CTB.21.2014-05-08
- CTB.22.2014-05-22
- CTB.23.2014-07-16-04
- CTB.24.2014-07-10

Managing the PRO, RC, DEV

Discussion about the release process of dependant projects and products.

What we consider as the Release Candidate

- different views for the definition, so trying to define the next RC
- how do we mark the set of libraries together:
 - proposed approach is to have a moving RC tag, alternatives exist like
 - deterministic tag (easy roll-back)
 - every build from trunk which passed the tests (automation)
- define the process for the integration builds of dependant products (e.g. FESA v3.2 + RDA3)
- discussion about the automated / optimal configuration definition for the future RCs

Makefile-generic and its evolution

- Natalia: since we couldn't progress with generic makefile for the few months, we decided to start with cleaning as agreed on last CTB. In practice this means:
 - a. Makefile generic will keep only core functionality for officially supported platforms (ppc4, accordingly to the management, represented by Vito, should stay with old version of generic makefile with zero level of provided support to motivate users move it out)
 - b. Fesa and timing should help Yves by providing adequate test-suites to assure quality of generic makefile (
 - [SIPC-46](#) - Make.generic: add integration test for multiple google test binaries RESOLVED ,
 - [SIPC-48](#) - Makefile-generic integration-test: Provide FESA project sample ON HOLD) and allow us to improve it
 - [SIPC-35](#) - Make OBJ_DIR (place where temporary objects are written) configurable REOPENED
 - c. Fesa team members try to fit generic makefile to their private needs:
 - [SIPC-50](#) - Make.generic: split target compile_from_tag in two sub targets CLOSED . In fact such changes are potentially dangerous and could be even harmful in some cases.

We would like to use this opportunity once again for clarification: stuff related to the one project only should be in the project makefile and we plan to proceed based on this statement.

- Vito for PPC architecture : corrective, but not evolutionary maintenance. If need the makefiles should be separated.

Actions





ToDo

Created by Marian Jozef Zurek, last modified on Jan 17, 2014

Old issues (created before 1-May-2013): 14 in total

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
CTB-387	Testbed FESA/CMW servers should send log & tracing messages to TEST Tracing server.	📧	Oct 30, 2012	Mar 22, 2013		Steen Jensen	Wojciech Sliwinski	↑	OPEN	Unresolved
CTB-287	Add test for huge RDA properties	+	Jun 19, 2012	Oct 03, 2013		Unassigned	Joel Lauener	↓	OPEN	Unresolved
CTB-114	RDA: Implement bad clients who do not consume or slowly consume updates	📧	Apr 11, 2012	Jan 30, 2013		Wojciech Sliwinski	None	↑	OPEN	Unresolved
CTB-22	Standardize services and configuration mechanism for better testable products.	+	Mar 30, 2010	Oct 03, 2013		Marian Jozef Zurek	Niall Stapley	↑	OPEN	Unresolved
CTB-18	Find a mechanism to re-use function tests defined in other projects in the Testbed.	📧	Mar 30, 2010	Oct 03, 2013		Unassigned	Niall Stapley	↑	OPEN	Unresolved
CTB-15	Add environmental tests.	📧	Mar 31, 2009	Oct 03, 2013		Marian Jozef Zurek	Niall Stapley	↑	OPEN	Unresolved

not evolutionary maintenance. If need the makefiles should be separated.

QUICK FILTERS: NO ACET Atlassian Only **DMA Only** My Responsibilities My TODOs Recently Updated

9 of 16 Next Min 5 Max 25 3 of 10 In Progress Max 10 8 of 19 Ready for Review Max 10 1 of 3 In Review Max 10 27 of 36 Done Release...

Planned 32 issues

- SDT-1463** Decide whether to convert CBNG from using maven central to beco-thirdparty-local only
None
- SDT-1551** Decide how to deal with fesabeans re-release capability and replace existing version
Niall Stapley
- SDT-1556** Verify the possibility of encapsulating several certificates in one file
None
- SDT-1692** Filter and block Artifactory uploads that do not meet CBNG standards
None
- SDT-1712** Merge devtools-dist/bin + gradle-config/bin commands in acc-co cbng project
None
- SDT-1757** Create CBNG on-commit build
None

- SDT-1791** Prepare JDK 1.8.0_45 for installation on our Linux machines
Gyorgy Demarcsek
- SDT-1927** Add FESA2 fesajpcgen task to CBNG
Natalia Nikolaevna Yastrebova
- SDT-1742** Code siging with globally recognized certificate
Gyorgy Demarcsek

- SDT-1524** How to exclude specific transitive dependencies?
Natalia Nikolaevna Yastrebova
- SDT-1542** Decide if/how to support a nodeps="true" flag in product.xml?
Natalia Nikolaevna Yastrebova
- SDT-1597** fail build when jars in resolved deps with same aid yet different gid
None
- SDT-1618** clean remote 3rd party repositories:
Natalia Nikolaevna Yastrebova
- SDT-1728** Define and document a development workflow for CBNG
Endre Gabor Fejes
- SDT-1764** Improve properties documentation
Natalia Nikolaevna Yastrebova

- SDT-1689** Create new JDK deployment process
None

- SDT-1792** Provide JDK 1.8.0_45 on Eclipse SDC
Endre Gabor Fejes
- SDT-1376** Create admin target to find and fix bad dependencies.
Dependency updates
Natalia Nikolaevna Yastrebova
- SDT-1492** Revision of deployment process with cbng
Dependency updates
None
- SDT-1493** qfix for jnlp (a.k.a. official functionality to replace "JNLP hacking")
Natalia Nikolaevna Yastrebova
- SDT-1573** Eclipse update makes eclipse plugin installation unavailable
None
- SDT-1696** Wrong tooltip for dev shell
Endre Gabor Fejes

That's only a different view of the same with drag and drop

Before JiRA ?



tasks5.xls [Compatibility Mode] - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Developer Load Test Team

Clipboard Font Alignment Number Styles Cells Editing

C33

	A	B	C	D	E	F	G	H	I
1	Status : Overdue (6 items)								
2			Task	Calendar	Due	Repeat	Reminder Summary	Category	Priority
3	##		Example Overdue Task	Idea Jar Tasks	4/22/2011 6:30 AM		Transmitted		9 Low
4	##		Test Task Reminder	Idea Jar Tasks	5/9/2011 8:00 AM		Transmitted		1 High
5	##		Low priority thing	Idea Jar Tasks	5/20/2011 8:00 AM				9 Low
6	##		Example 6.1	Household Tasks	5/26/2011 11:30 AM				9 Low
7	##		Another Overdue Task	Idea Jar Tasks	6/16/2011				9 Low
8	##		Show how overdue tasks work	Tasks	6/18/2011 10:30 PM		Snoozed	Default	5 Medium
9									
10	Status : Upcoming (7 items)								
11			Task	Calendar	Due	Repeat	Reminder Summary	Category	Priority
12	##		Example task with no due date	Tasks				Default	5 Medium
13	##		Example job	Idea Jar Tasks					1 High
14	##		Take out the garbage	Household Tasks	6/23/2011	Repeats every 1 week.			9 Low
15	##		Fertilize the lawn	Tasks	6/25/2011	Repeats every 6 weeks upon task comple	Transmitted	Urgent	1 High
16	##		Explain how tasks work	Tasks	8/31/2011 5:00 PM	Repeats every 3 months upon task comple	Scheduled	Business, W	5 Medium
17	##		This example task is assigned to Dan	Tasks	9/15/2011 6:00 PM	Repeats every 1 month upon task completi	Scheduled	Default	5 Medium
18	##		Replace the furnace filter	Household Tasks	10/11/2011	Repeats every 3 months upon task completion.			9 Low
19									
20	Status : Completed (4 items)								
21			Task	Calendar	Due	Repeat	Reminder Summary	Category	Priority
22	##		Example-completed-task	Idea-Jar-Tasks	6/15/2011				9-Low
23	##		Take-out-the-garbage	Tasks	6/15/2011 8:15 AM		Dismissed	Default	5-Medium
24	##		Write-that-TPS-report	Business-Tasks	6/21/2011 8:00 AM				9-Low
25	##		Example-completed-task	Tasks	9/15/2011		Scheduled	Default	5-Medium
26									

Sheet1

100%



TOP 10







Think this is bad? You should see the inside of my head."



How Marine PACE uses JiRA and Wiki for Exploitation (EXM)



Chen XU

Motivation

- report a bug, create an issue
- trace the changes
- use as "documentation", logbook
- find support person
- issue update via e-mail (a.k.a. InMail)
- InMail support for selected projects
-

Next steps

- learn the recommended/supported/proper way
- have the possibility of hand-over (documentation, CI, code reviews)

JIRA and TWIKI usage in BI-BL

Chen Xu
BE-BI-BLM

JIRA usage in BI-BL

Issue reporting, status tracking and overviews.

- Issue reporting and tracking
 - Issues are created per problem/task, and organized under epic names.
 - Cross linking between issues through labels

All operational issues for LHC BLM system in 2015

Labels to mark the related components or IPs etc.

Related sub-topics: HW name changes, parameter changes, SW bug, etc.

A list of all issues

The screenshot shows a JIRA issue page for the project 'BI-BL OPERATIONAL / BI-BL-500'. The issue title is 'BLMLHC System in operational state during 2015'. The issue is currently in the 'IN PROGRESS' status. The details section shows the following information:

- Type: epic
- Priority: Major
- Affects Version/s: Incidents 2015
- Component/s: electronics-surface
- Labels: 3941, 3942, 3943, 3945, 3946, 3947, 3948, 3949
- Epic Name: BLM_Operational_2015
- Accelerator: LHC

The description reads: 'Parent task for issues related to the LHC BLM system during 2015 operation'. The attachments section shows one attachment: 'BLMLHC_CFM_Sonata_LSI.esk' (27 KB, uploaded on 10/04/15 9:52 AM). The issue links section shows the following links:

- is parent task of: BLM-1008 BLM Monitor Factor and Threshold value changes during 2015 (OPEN)
- is related to: BLM-511 BLM expert name changes during 2015 T8#1 (RESOLVED)
- is related to: BLM-510 BLM expert name changes during 2015 T8#2 (RESOLVED)
- needs: BLM-510 All issues recorded related to communication between DLCOF and DLCTC in 2015 (IN PROGRESS)
- needs: BLM-700 Bring BLMLHC VME crates in operational state after LSI (RESOLVED)

The 'Issues in Epic' section shows two issues:

- BLM-854 Update DCOR command configuration (RESOLVED) by Christophe Zamanzaz
- BLM-851 SXV L CD12 CFM Buffer not working correctly (RESOLVED) by Christophe Zamanzaz

TWIKI usage in BI-BL

A collection of general info. and links to meetings, publications, etc.

- BWS Upgrade project (Jose S.B.)



- BGV project (Plamen H.)



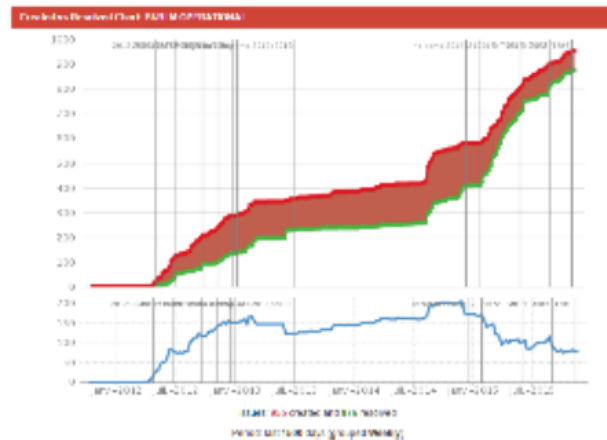
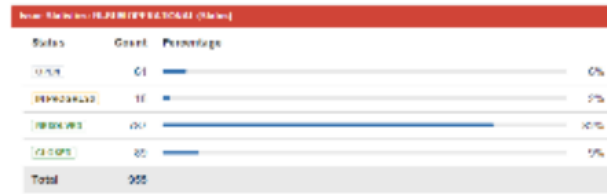
JIRA usage in BI-BL

- Status overview

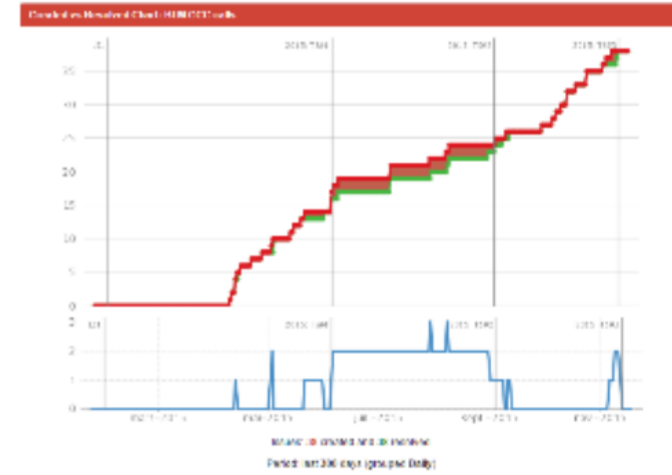
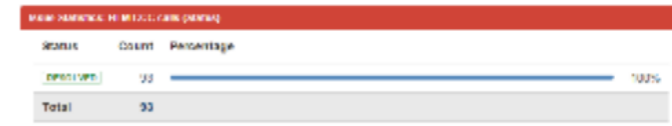
2 of the dashboards to show overview status of BLM system for LHC 2015 run

We use release version to keep track on works to be done in each TS

BLM OPERATIONAL



2015 BLM CCC calls



Releases

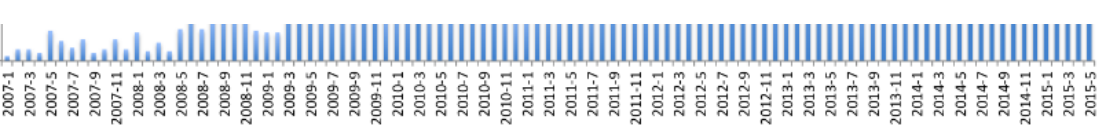
Status: Unreleased, Released - 2015

Version	Status	Progress	Start date	Release date	Description
2015: YETS	UNRELEASED	<div style="width: 100%;"></div>			
2015: TS43	UNRELEASED	<div style="width: 100%;"></div>	05/Nov/10	19/Nov/10	Changes made during the 2010 technical stop #9
2015: TS#2	RELEASED	<div style="width: 100%;"></div>	31/Aug/10	04/Sep/10	Changes made during the 2010 technical stop #2
2015: TS#1	RELEASED	<div style="width: 100%;"></div>	01/Jun/15	06/Jun/15	Changes made during the 2015 technical stop #1
Incidents 2015	UNRELEASED	<div style="width: 100%;"></div>	01/Jun/15	31/Dec/15	Issues/Corrections that have been solved immediately after a CCC request



"Atlassian's ZOO" in BE-CO

- Initially (started in 2001) for Java developers only.
- Started in SL-CO and grew to the entire Accelerator Sector
- Grew from software only to hardware, exploitation and planning
- Exponential growth to ~500 active users



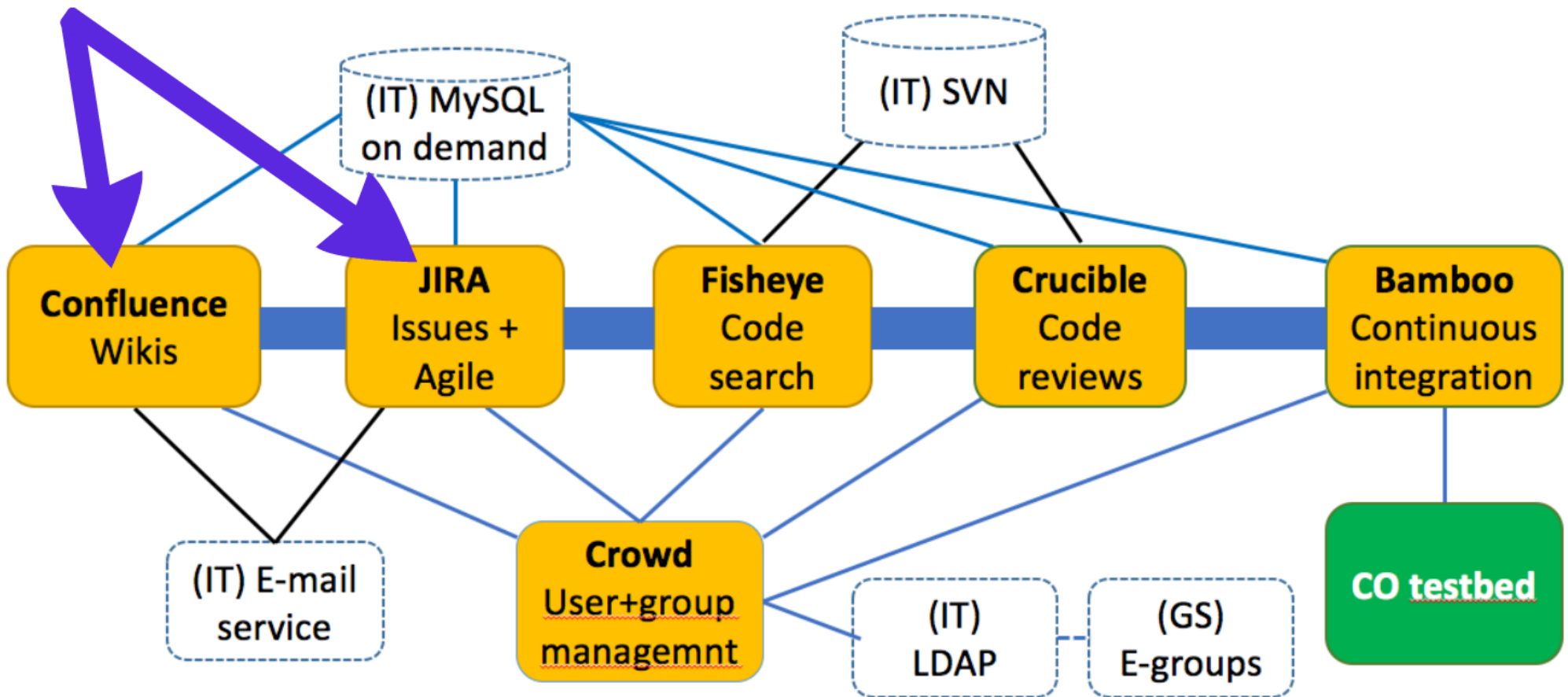
JiRA

Wikis

Bamboo

**Crucible
&
FishEye**

Atlassian components and relations to external services

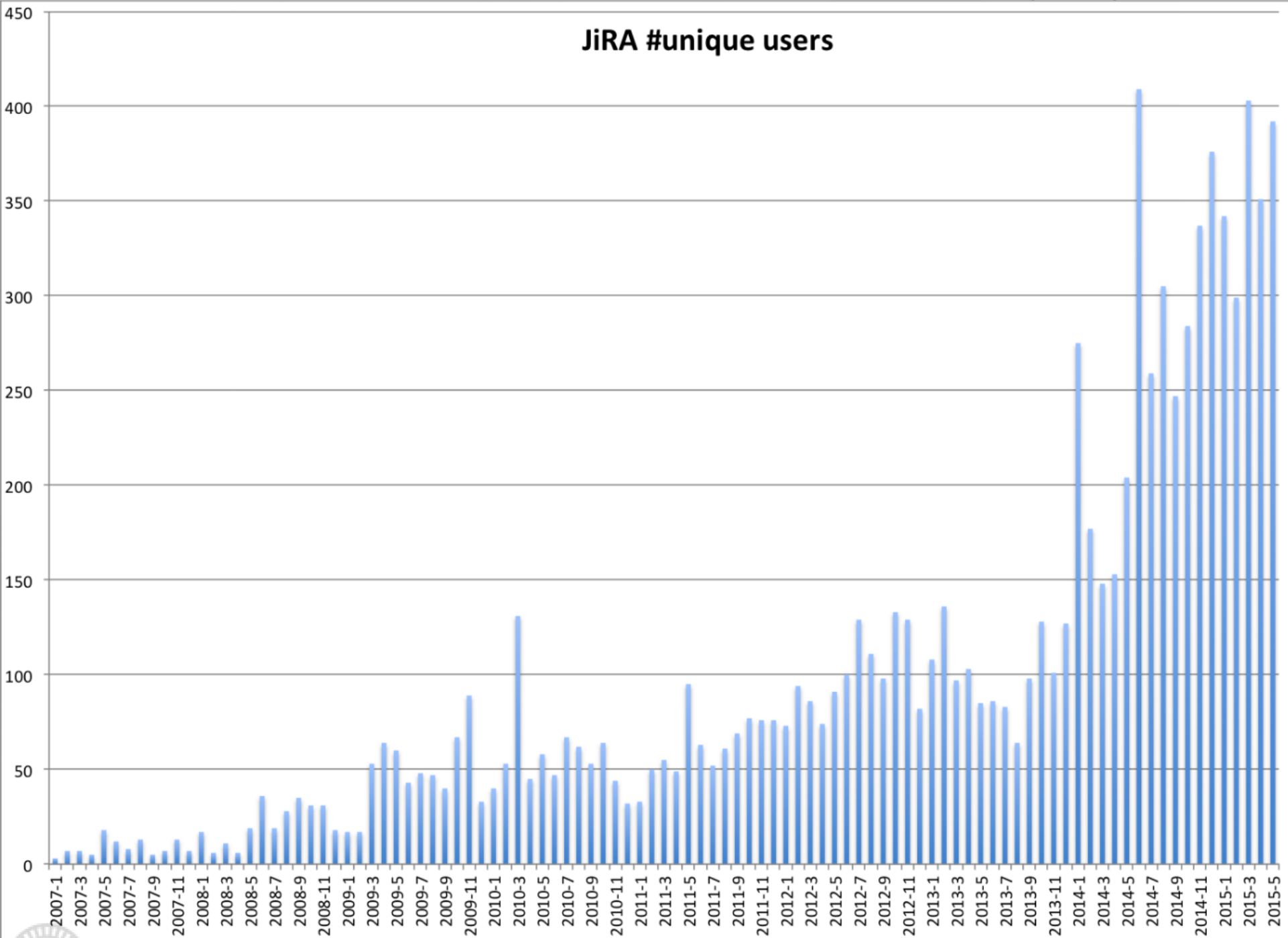


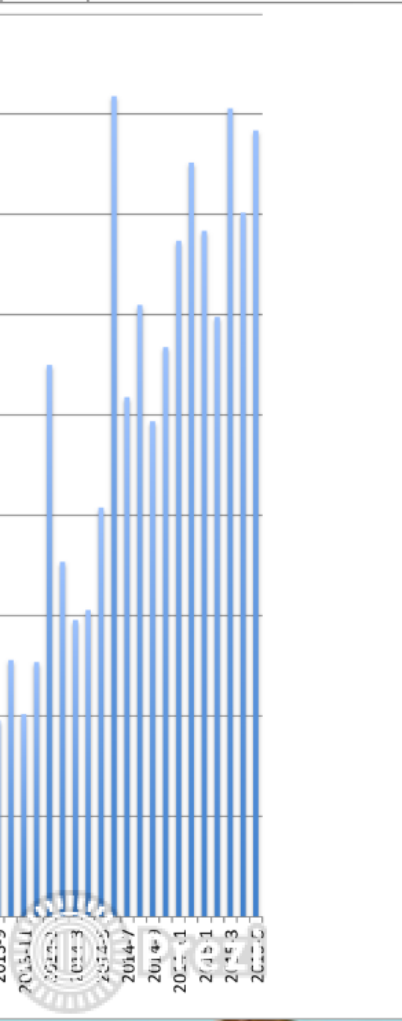
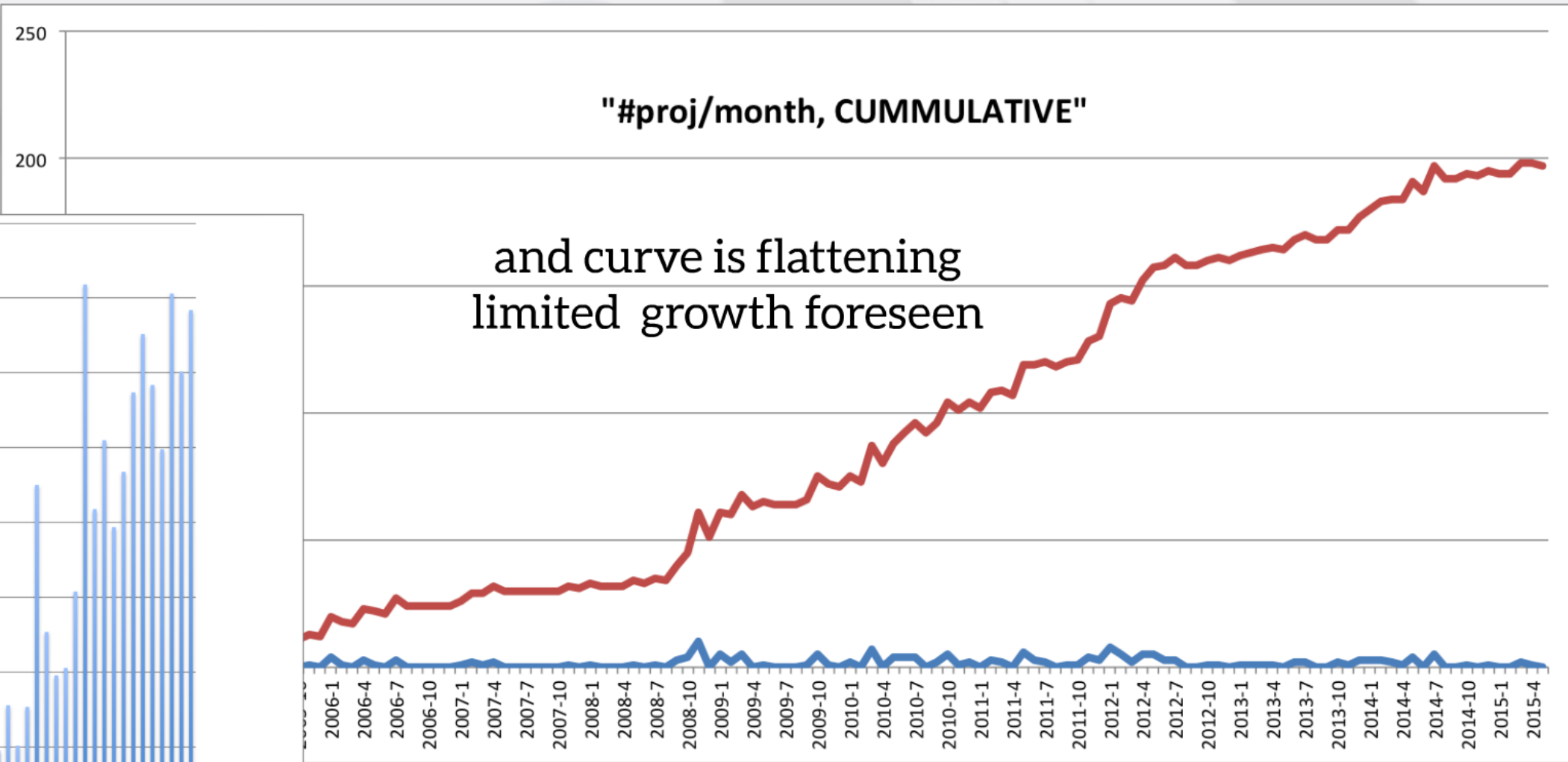
Atlassian Component

Other CO Component

External service

JIRA #unique users





Service scope / what can you ask for?

- We provide
 - maintenance, upgrades, monitoring, **security**, confidentiality (**intranet only**)
 - **consultancy** with the initial setup
 - administration (applications, not projects)
 - access rights granting (based on **e-groups**), deletion, guidance
- Service Level
 - assured during working hours
 - this is not operational tool, so no 24/7
 - **reaction time ~ 1 day**
- We require
 - **a link person** from Team / Project / Activity (now: John FULLERTON ?)
 - requests through: **accsoft-devtool-support@cern.ch**
 - no walk-in, no phone requests please
- Resources: **1 FTE** (PJAS + expert)

Out of scope ... :-)

- **We do not provide**

- on-boarding (initial training) for newcomers ==> please refer to the project leader, link person, on-line documentation
- custom configurations (custom fields, workflows, issue types, etc...)
- issue creation by e-mail for all project (exception: logbook integration)
- additional plug-ins (maintenance issues, costs)
- Help desk system ==> use IT's service-now.com
- external access ==> use CERN Terminal Services)



BQSLHC	3 Issues	John Fullerton	Schottky slow control
BRASCLHC	1 Issue	Stephane Bart Pedersen	LHC Luminosity Monitors [CdTe]

Our recommendations

- Start **small** and grow
- Don't ask to create too many projects upfront
- Prefer **components** over projects
- Profit from **standard set-up** (e.g. workflow, notification schemes, issue types, screens, ...), don't invent your own
- Use **dashboards** rather than relying on e-mail notifications
- Use **wikis for documentation** rather than JiRA
- Use Releases (= **Milestones**) for planning
- Develop **your own expertise**
- Take advantage of the available resources (YouTube, User Manuals, Atlassian University, etc.)



Issues are kept for 5 years

Welcome to the CERN Engineering & Equipment Management Service

Username

**Use your CERN Nice credentials. Remember: you have agreed to the Computing Rules*



USEFUL LINKS

- Request an EDMS Account
- Forgot your password ?
- CERN EDMS Training
- Contact Us

EDMS is forever ...

INFORMATION

- More Info About the EDMS Service
- News
- Local administrators
- How to use the new EDMS Portal
- EDMS 6 release public presentations, April 8th and 10th > More info



BI-BLM DEVELOPMENT
Create board

- Releases
- Reports
- Components**
- Issues

PROJECT SHORTCUTS
Add a link to useful information for your whole team to see.

- Add link
- Give feedback

Components Manage components

Contains text...

Component	Issues	Lead	Description
CMI	2 Issues	Marcel Alsdorf [X] (Inactive)	Common Module Interface Architecture
documentation	130 Issues	Christos Zamantzas	actions and updates needed in project's documents
ethernet	75 Issues	Maciej Wojciech Kwiatkowski [X] (Inactive)	actions and issues related to the ethernet part of the system
firmware	70 Issues	Christos Zamantzas	issues and actions related to the FPGA firmware of all boards
installation	136 Issues	Christos Zamantzas	issues related to the installation of electronics, crates, cables, connectors etc.
interfaces	32 Issues	Marcel Alsdorf [X] (Inactive)	interfaces development for accessing components attached to the FPGA
PCB-BLEBP	76 Issues	William Vigano	Issues and actions related to the Backplane (BLEBP) PCB
PCB-BLEDP	134 Issues	William Vigano	issues and actions related to the BLEDP PCB
PCB-BLEPM	44 Issues	William Vigano	issues and actions related to the BLEPM PCB
pre-processing	8 Issues	Christos Zamantzas	actions and issues relating to the data (ADC and CFC values) readout and merging.
processing	20 Issues	Marcel Alsdorf [X] (Inactive)	actions and issues relating to the data processing and threshold comparison.
production	111 Issues	Christos Zamantzas	actions and issues related to the production
supports	19 Issues	Christos Zamantzas	supports for the integration of the detectors
verification	82 Issues	Marcel Alsdorf [X] (Inactive)	tests and checks to be performed for the verification of the card



BI-LHC
Create board

Reports

Components

Issues

PROJECT SHORTCUTS

Add a link to useful information for your whole team to see.

+ Add link

Give feedback

Manage components

Components

Contains text...

Component	Issues	Lead	Description
BCT24BIT	0 Issues		LHC DC BCT class with 24bit ADC
BCTDCLHC	5 Issues	Michael Ludwig	Beam Current Transformer DC
BCTFDLHC	0 Issues	Michael Ludwig	BCT for the LHC Dump Lines
BCTFRLHC	7 Issues	Michael Ludwig	Fast Beam Current Transformer for the Ring
beam lifetime	4 Issues	Michael Ludwig	LHC beam lifetimes: fast BCT HIBW and LOBW, DCCT, and also individual bunch lifetimes
BGILHC	1 Issue	Ana Guerrero Ollacarizqueta	LHC Ionisation Gas Monitors
BLDMLHC	0 Issues	Maxim Andersen [X] (Inactive)	Longitudinal Density Monitor
BLMDiamond	0 Issues	Stephane Bart Pedersen	BLM diamond monitored by Lecroy oscilloscope
BLMLHC	2 Issues	Stephen Jackson	Beam Loss Monitors
BLMLHCDD	0 Issues	Stephen Jackson	LHC BLM for Direct Dump in Point 6
BOBR	0 Issues		Beam Synchronous Timing Receiver
BODIDT	1 Issue		FESA Class to acquire dl/dT signals
BOLWCLHC	0 Issues	Stephane Bart Pedersen	LHC Wall Current Monitor
BPMDLHC	1 Issue		LHC Dump Line BPMs
BPMITLHC	5 Issues		LHC Interlocked BPMs in Point 6
BPMLHC	2 Issues	Lars Jensen	Beam Position Monitors
BPMLHC CONC	0 Issues	Stephane Bart Pedersen	BI BPM Setting Concentrator
BPMOFSU	0 Issues	Stephen Jackson	Service unit for the LHC BPM feedback system
BQBBQLHC	0 Issues	Stephen Jackson	LHC Base-Band Tune Measurement
BQHTLHC	0 Issues	Stephane Bart Pedersen	LHC Head Tail Monitor
BQPLLLHC	0 Issues	Stephen Jackson	LHC PLL Tune Measurement System
BQSLHC	3 Issues	John Fullerton	Schottky slow control
BRASCLHC	1 Issue	Stephane Bart Pedersen	LHC Luminosity Monitors [CdTe]



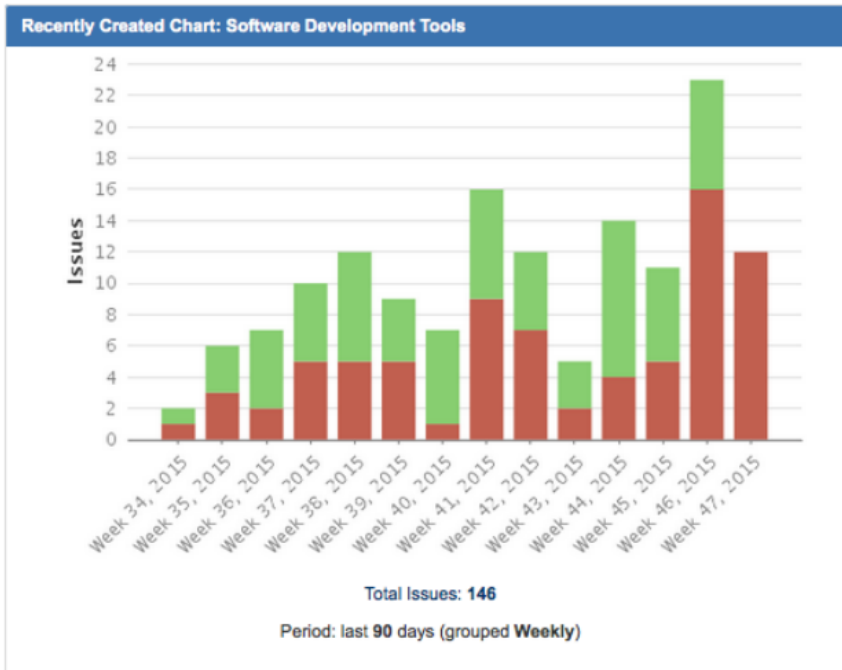


MZ dashboard v1

TE-MPE-EP BIS Status

MZ dashboard v1

+ Add Gadget Edit Layout Tools



Favourite Filters

All Project from 2010-1-1	56162
All SDT currentYear	418
Closed	207
CTB MZ	16
CTB ToDo	33
from 2010-1-1	59651
Niall_DMA	82
NOT closed	49
Resolved	8
SDT from 2010-1-1	1683
SDT MZ	24
SDT MZ upd lastWeek	17
SDT updated this week	3

Create Filter | Manage Filters

Assigned to Me

T	Key	Summary	P
<input checked="" type="checkbox"/>	CTB-15	Add environmental tests.	↑
<input checked="" type="checkbox"/>	CTB-22	Standardize services and configuration mechanism for better testable products.	↑
<input checked="" type="checkbox"/>	CTB-412	Removal of the NFS links - possibly all	↑
<input checked="" type="checkbox"/>	CTB-422	provide the clean, sanitized reference environment for building	↑
<input checked="" type="checkbox"/>	CTB-424	delete the \${RELEASE_LOCATION} and attempt a build	↑
<input checked="" type="checkbox"/>	CTB-442	List the repository locations for TIM, CMW, FESA components (PRO, RC, DEV)	↑
<input checked="" type="checkbox"/>	CTB-446	Create a HOWTO for the existing testbed HW + SW setup	↑
<input checked="" type="checkbox"/>	CTB-454	Cleaning the unused / inactive plans	↑
<input checked="" type="checkbox"/>	CTB-456	CTB-454 / Remove CMW unused/inactive plans	↑
<input checked="" type="checkbox"/>	CTB-459	Clean-up of '/local' on cs-ccr-ctb06	↑

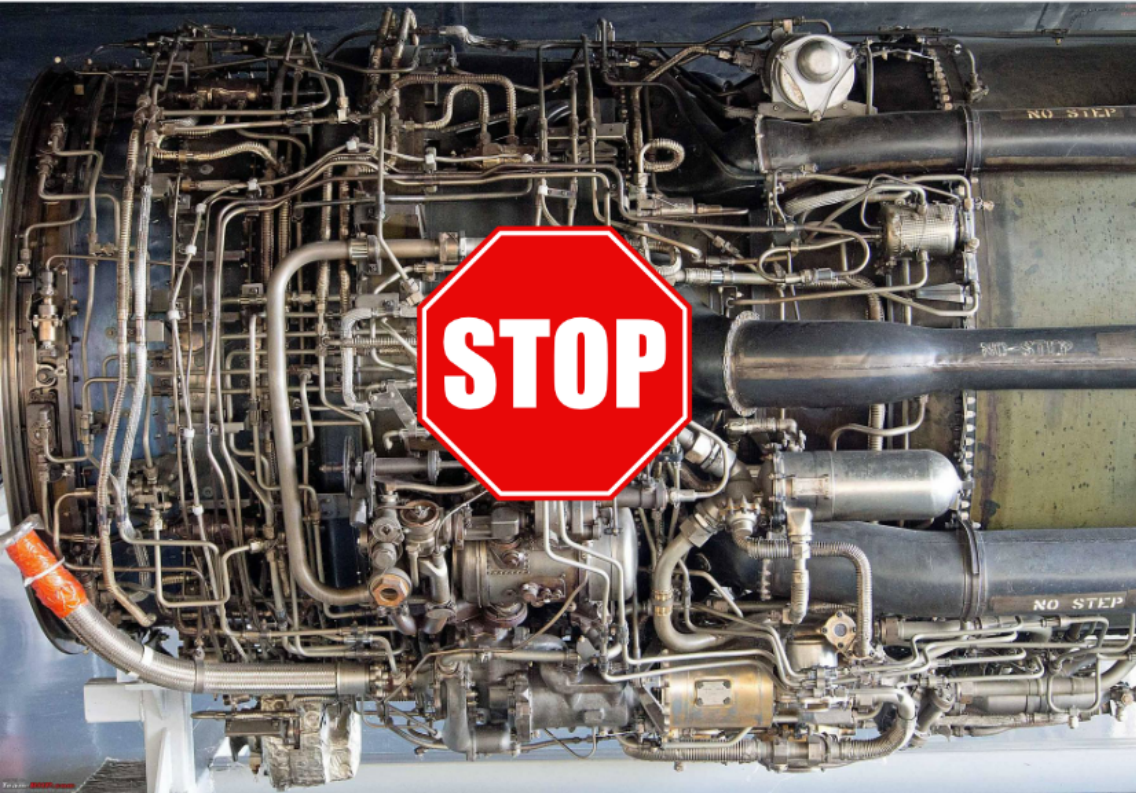
1-10 of 104 1 2 3 4 5 6 7 8 9 ▶

Filter Results: SDT updated this week

T	Key	Summary	P
<input checked="" type="checkbox"/>	SDT-2018	problem with retrieving git submodules by build.cern.ch	↑
<input checked="" type="checkbox"/>	SDT-1934	Evaluate applicability of LDAP / xLDAP as the replacement for the in-house SSO	↑
<input checked="" type="checkbox"/>	SDT-1810	Creation of new issue type scheme	↑

1-3 of 3





I suggest to use JiRA



Disclaimer

- We have merely presented set of tools and techniques:
 - online common place to meet
 - collaboration platform
- JiRA and Wikis cannot replace
 - In-person communication
 - Heated discussions
 - Brain-storming session
- *Some teams think its a hammer -- everything looks like a nail*
- ... take a deep breath and think twice before creating another projects, component, issue

Q & A

Discussion

