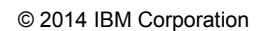


IBM中国开发中心 高级软件工程师



议程

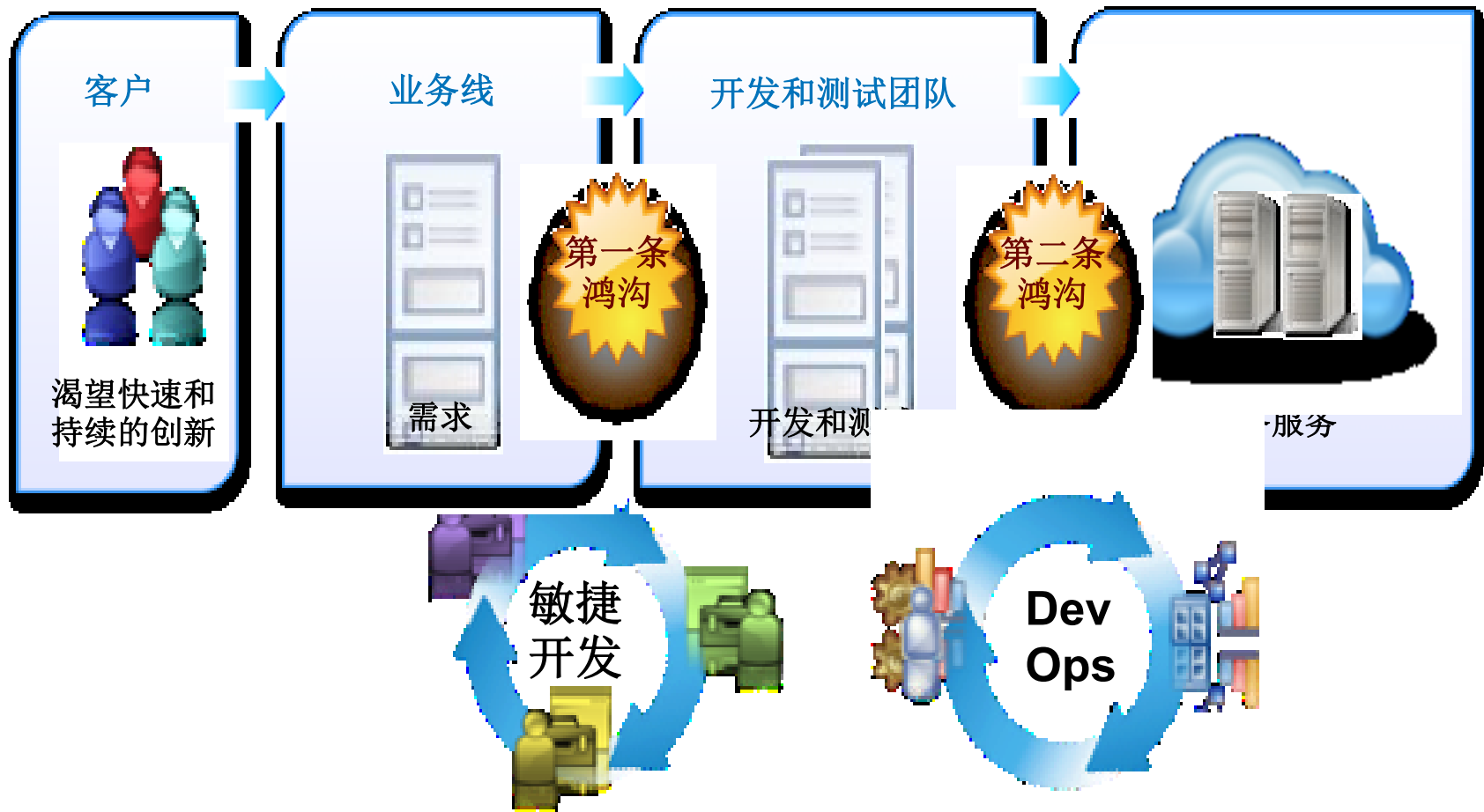
- IBM软件交付转型历程记事
- Jazz团队的最佳实践分享
- IBM DevOps Services和BlueMix
- Q&A



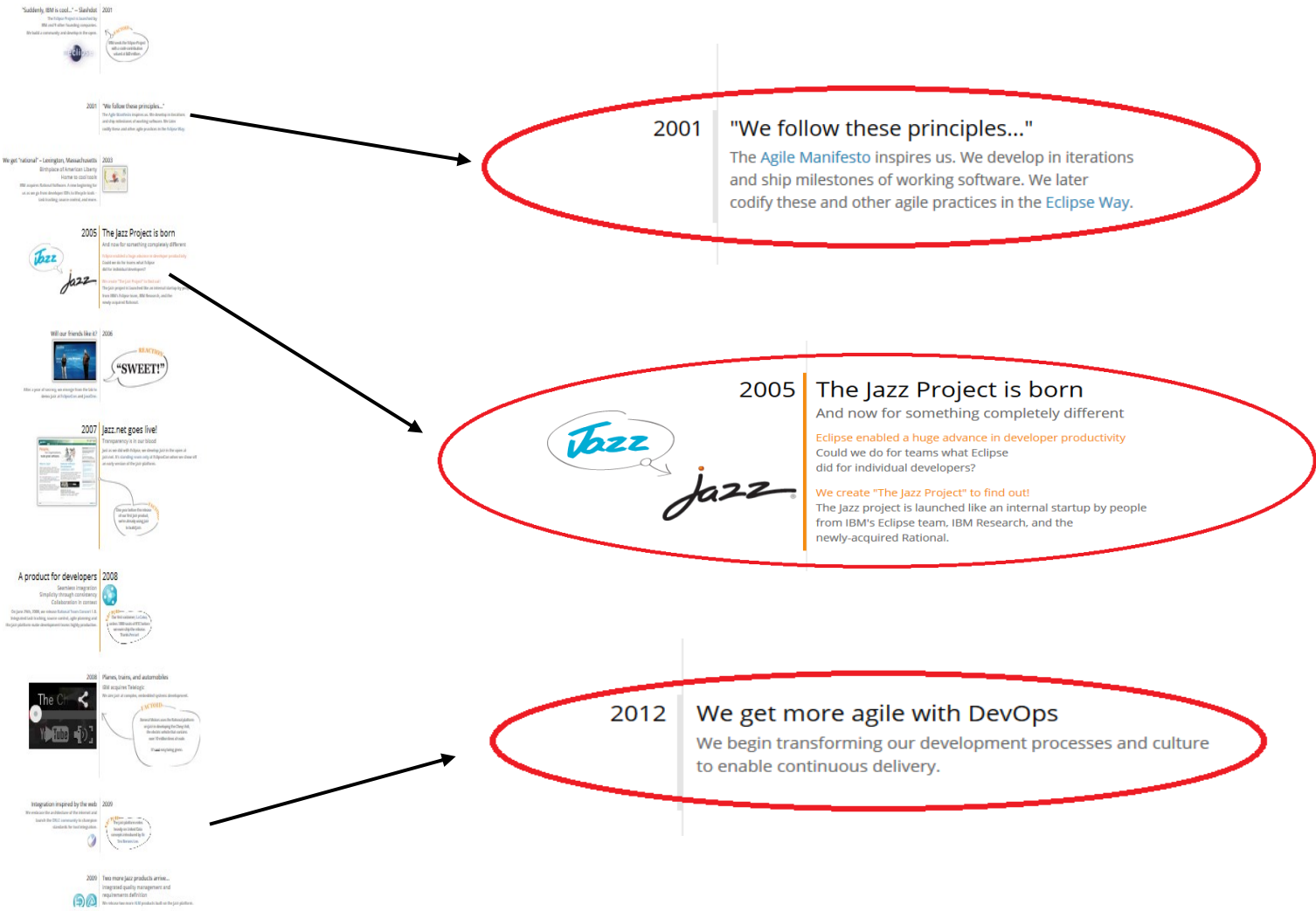
- **IBM软件交付转型历程记事**
- Jazz团队的最佳实践分享
- IBM DevOps Services和BlueMix
- Q&A



生命周期管理的鸿沟

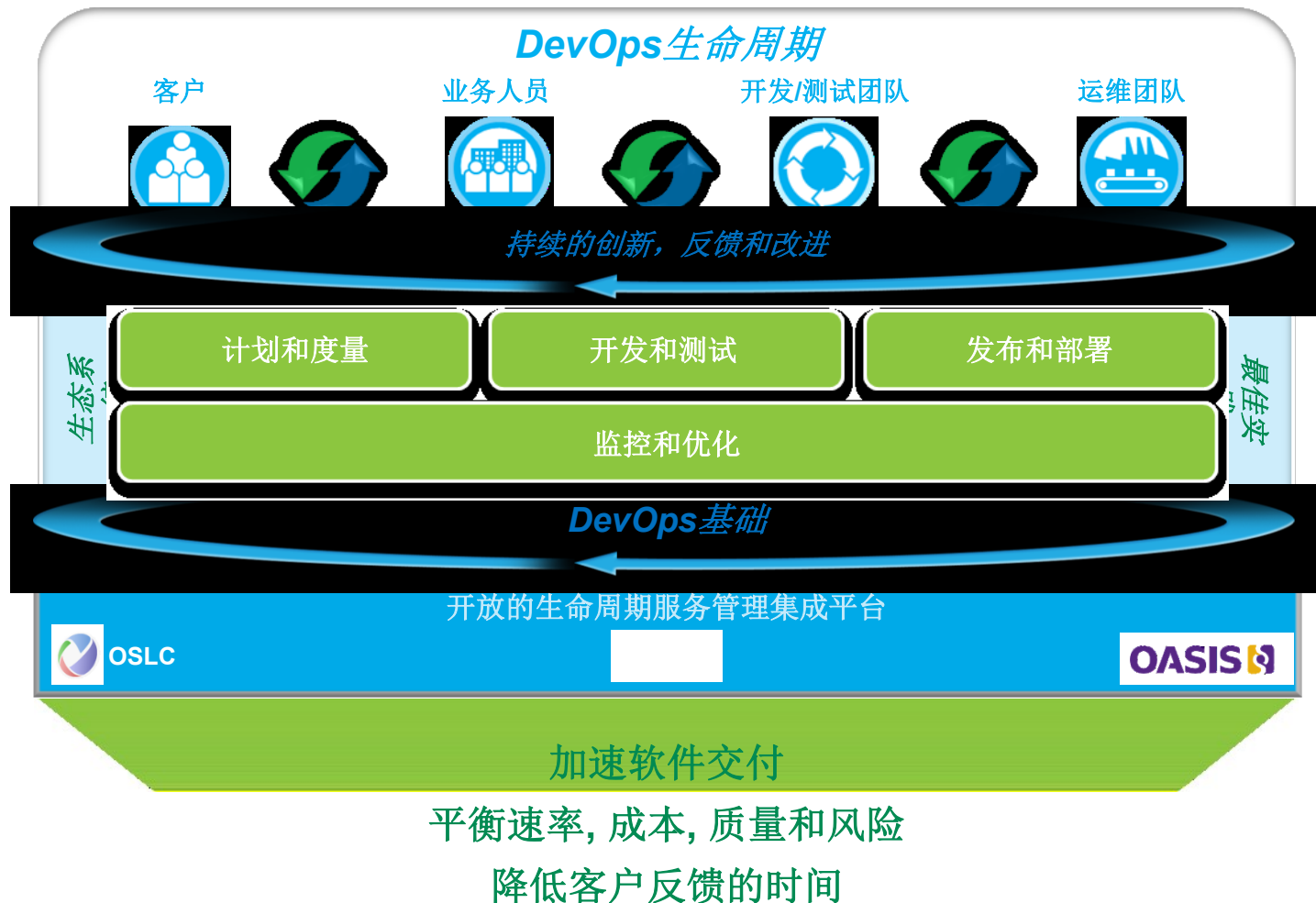


IBM交付转型的重要事件

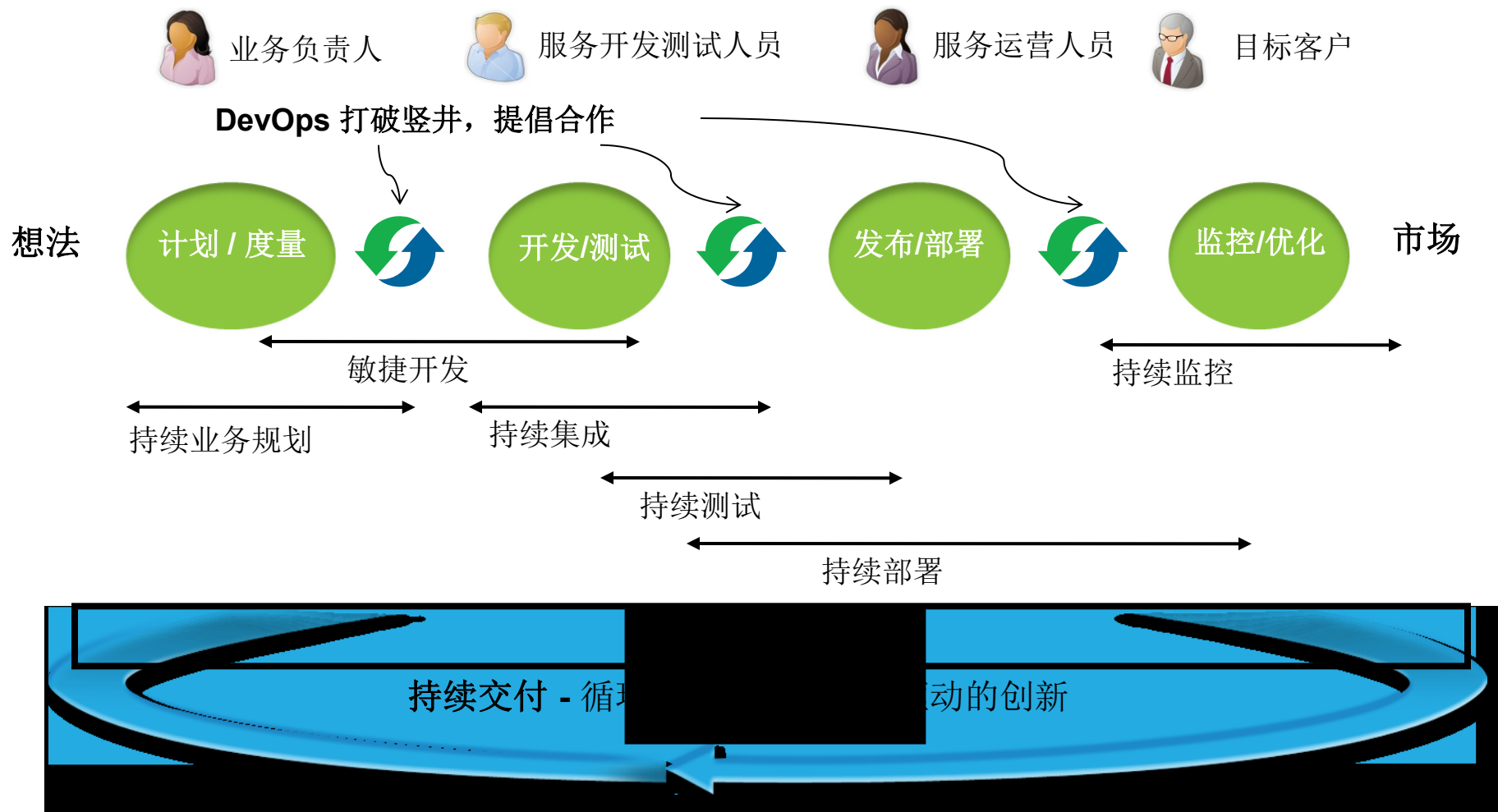


IBM认为支持DevOps的能力

路径和切入点



DevOps - 采用闭环环路的软件交付方法



目标: 把想法快速的推到市场, 让用户使用起来, 并获取用户反馈

- IBM软件交付转型历程记事
- Jazz团队的最佳实践分享
 - **团队的组织结构**
 - 持续的规划
 - 敏捷的开发和测试
 - 持续的部署
 - 持续的监控
- IBM DevOps Services和BlueMix
- Q&A



Jazz产品研发团队

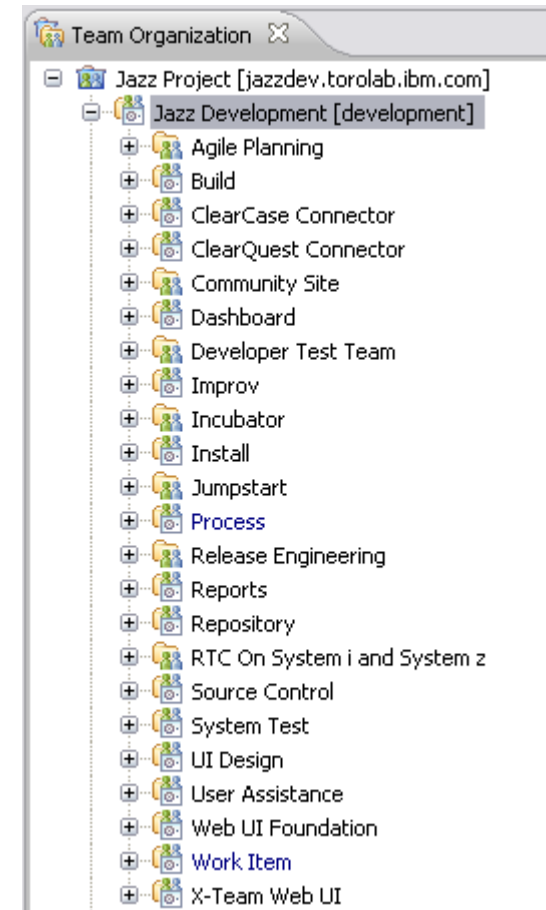


- Jazz是IBM建立并致力于改进跨软件和系统生命周期协作的下一代平台
- 400 位开发者, 在10个国家中的25个不同地点
- 构建多个Jazz产品
 - Rational Team Concert
 - Rational Quality Manager
 - Rational Requirements Composer
 - Rational DOORS Next Generation
 - Rational Software Architect Design Manager
 - Rational Rhapsody Design Manager
- 通过 jazz.net 进行透明化开发
 - 公开的开发构件 (计划、工作项等)
 - 直接与开发团队交互 (开发者对开发者)
 - 提供云端或可下载的最新里程碑和发布供用户试用评估

CLM

Jazz团队组织

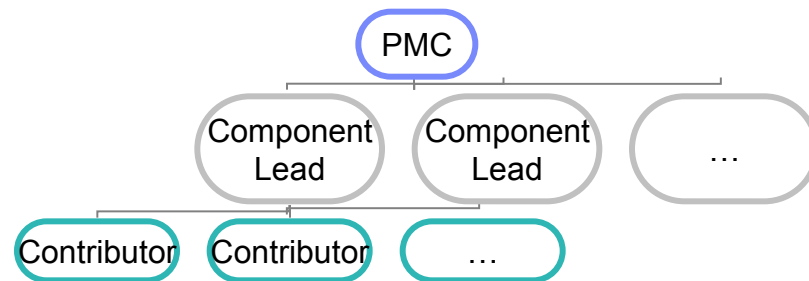
- 基于**Component**
 - 一个团队负责一个或者多个Component
 - Component团队分布在全球很多国家和城市
- **RTC的Component团队**
 - 过程Component团队
 - 工作项Component团队
 - 源代码管理Component团队
 - 构建管理Component团队
 - ...
- 团队组织视图
 - 体现了项目管理中的组织架构分解图



项目组织结构和职责

■ 项目管理委员会 (PMC)

- 负责产品发展方向
- 负责产品发布计划
- 与业务伙伴，用户交流， 决定产品要做哪些新功能
- 变更审核

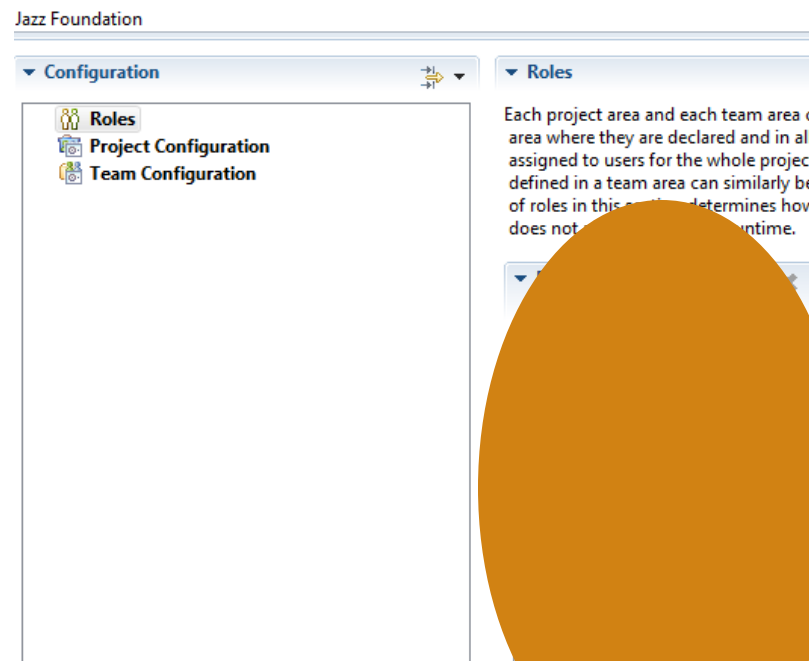


■ Component 团队Lead

- 负责整个Component团队的高效工作
- 根据产品发布计划，负责Component的发布计划

■ 团队成员 (开发人员)

- 负责迭代过程中的开发、测试以及设计
- 工作中，通常有多个角色
 - 开发、测试、构建,
 - jazz论坛回答解决用户问题
 - 文档编写



功能团队和维护团队

■ 功能团队

- 功能团队是虚拟的团队，仅负责某个计划项指定的功能
- 功能团队可以跨越组件、功能和应用的界限
- 每一个关联的组件、功能、测试团队中都必须要在功能团队中有一个代表
- 每一个功能团队都有一个团队领导，以及一个来自于负责该计划项的CLM项目管理委员会(PMC)的高级领导

■ 维护团队

- 虚拟子团队，负责处理每个组件关键的日常工作：
 - 修正已有特性中的缺陷
 - 回答jazz.net论坛中的问题
 - 与技术支持团队解决客户问题
 - 维护源代码管理流，监控持续构建，管理测试环境的部署
 - 监控工作项队列，分检工作项，排序和规划工作

Responsibilities

描述: This section describes the overall responsibilities of the run team

- Performing the duties of the Buildmeister
- Performing the duties of the Newsmeister
- Performing the duties of the Testmeister
- Serving as the initial point of contact for L3 escalations(aka L3 Buddy)
- Helping to maintain our QCERT goals by working QCERT related defects especially those with an APAR tag
- Implementing tactical feature requests especially those with an RFE tag

5.0 Feature Teams

LPA Refactoring for SSO

- Ming (Kevin) Gu
- Zhen Zhong (Forest) Huo

Delta Config UI and Merge (Bosch)

- TBD

RM Migration Support

- 5.0 Run Team

Run Team

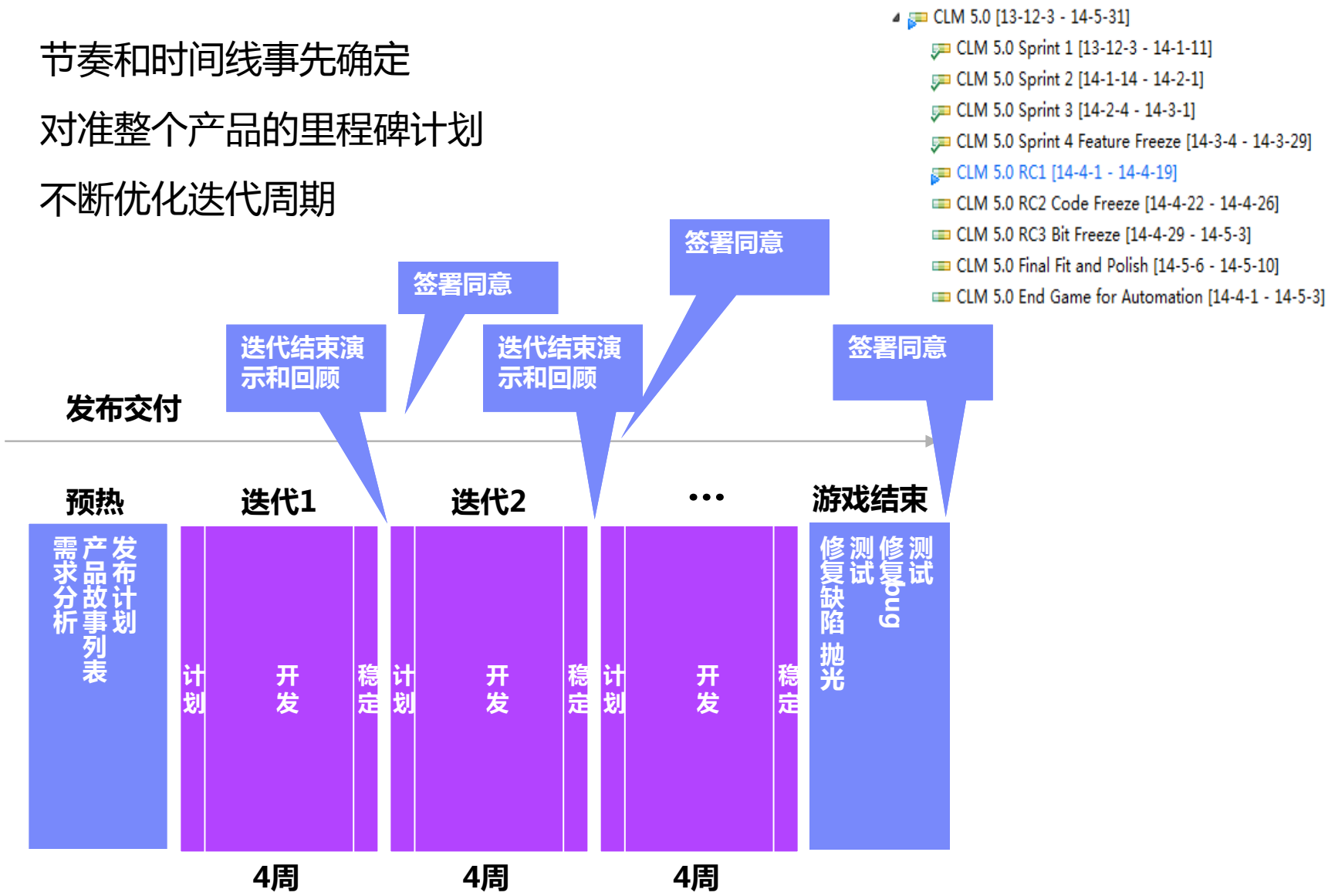
The current members of the 4.0.6 and 5.0 run team are:

- Qing Wang
- Shu Chu

Run team responsibilities are [here](#).

迭代开发

- 节奏和时间线事先确定
- 对准整个产品的里程碑计划
- 不断优化迭代周期



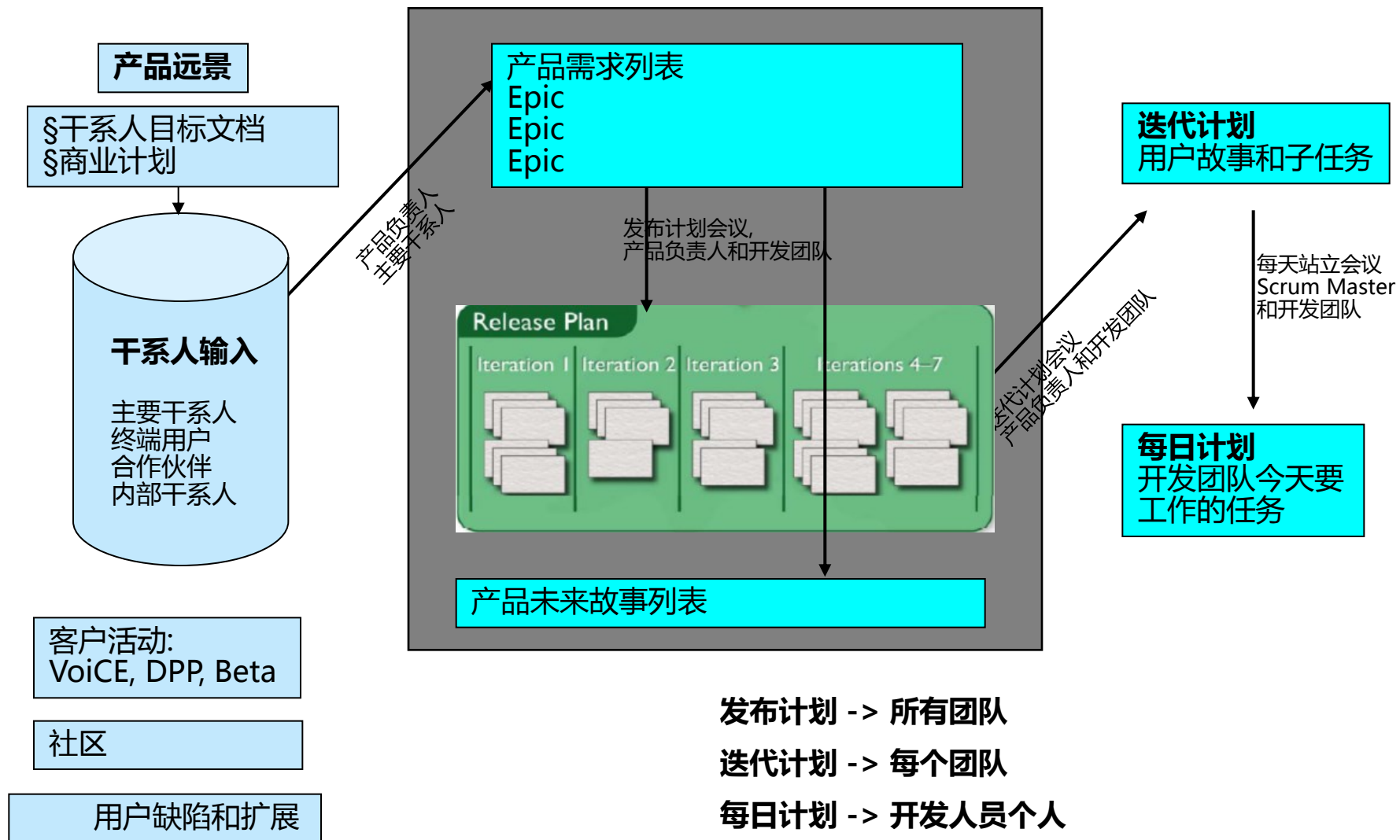
迭代开发和实施

- 一个迭代分解为三个阶段
 - 制定迭代计划
 - 开发完成迭代计划
 - 测试和sign off迭代构建版本
- **Component**团队制定迭代计划
 - 上次迭代的情况
 - Component团队的发布计划
 - PMC的反馈
- 团队成员开展开发工作完成迭代计划
- 测试并**sign off**这次迭代的构建版本

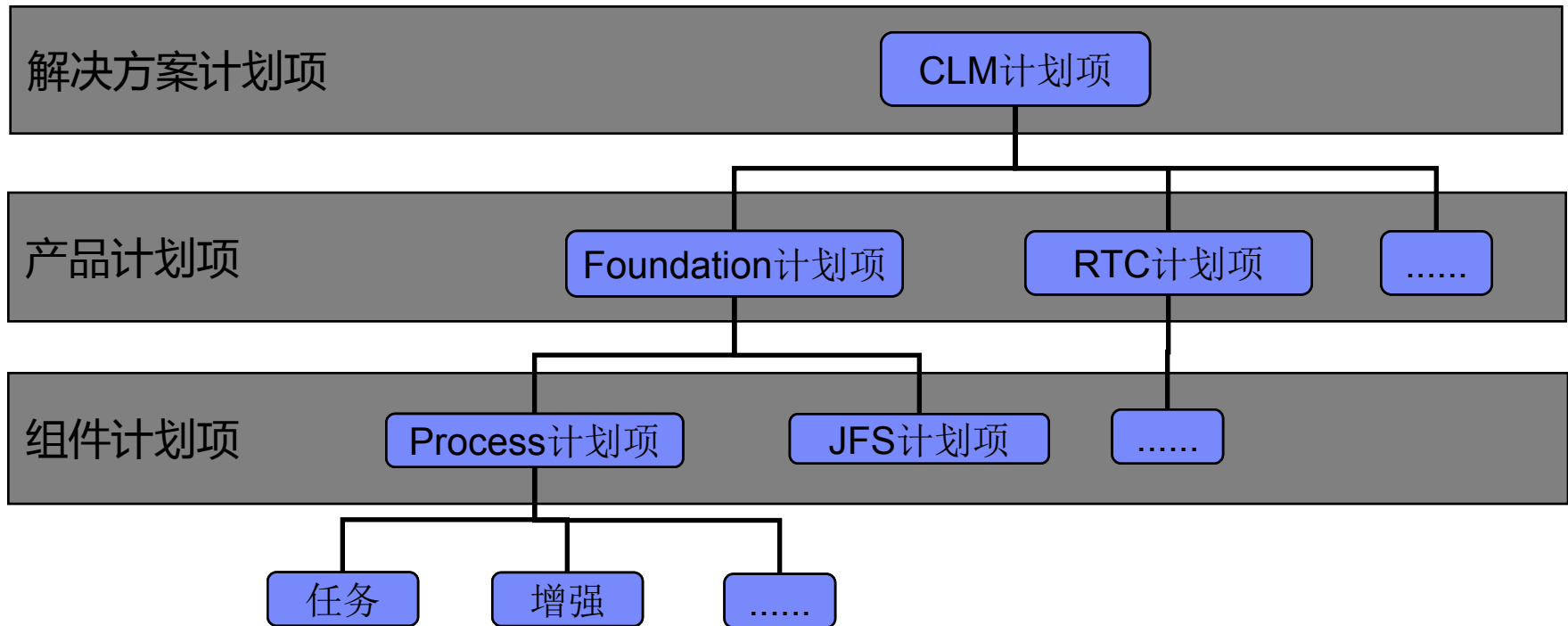
- IBM软件交付转型历程记事
- Jazz团队的最佳实践分享
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 - 敏捷的开发和测试
 - 持续的部署
 - 持续的监控
- IBM DevOps Services和BlueMix
- Q&A



自适应多级计划



计划项的分解



从用户故事列表到发布计划

Jazz Products Downloads Community Our Story MY STUFF GET HELP INTEGRATIONS DEPLOYMENT LIBRARY

Change and Configuration Management (Jazz)

Jazz Collaborative ALM Yu Xiang Wan

Project Dashboards Work Items Plans Builds Reports Search

Plans >

CLM Backlog

241 items: 178 open, 63 closed | Ends in: --

Plan Details

Planned Items

Links

Snapshots

Dashboard

Notes

View As: Ranked List Exclude (152 items excluded) Type to Filter

Summary	Id	Business Value	Story Points	Priority	Related Change Request	Owned By	Rank
Provide consistent versioning across the CLM Solution	283090	7 - Priority	--	Must	--	Unassigned	1
Support versioning in 0.6 Repo based applications such as RQM	283087	7 - Priority	--	Must	--	Unassigned	2
Provide Global Configuration Management (Jazz)	283088	7 - Priority	--	Must	--	Unassigned	3
Enhance VVC to manage versioning	283089	7 - Priority	--	Must	--	Unassigned	4
Provide a hosted, private repository	283091	7 - Priority	--	Must	--	Unassigned	5
Address accessibility issues	283092	7 - Priority	--	Must	--	Unassigned	6
Define a strategy for integration	283093	7 - Priority	--	Must	--	Unassigned	7
Improve upgrade experience	283094	7 - Priority	--	Must	--	Unassigned	8
Improved development intelligence	283095	7 - Priority	--	Must	--	Unassigned	9

CLM 4.0.4 Release Plan

9 items: 7 open, 2 closed | Ended on: Aug 31, 2013

Plan Details

Planned Items

Links

Snapshots

Dashboard


Notes

Planning Call


View As: Ranked List Exclude (2 items excluded) Type to Filter

	Summary	Story Points	Id	Priority	Commitment	Rank	Risk Status
	Re-evaluate and Update Token and Floating License Timeouts	--	260410	Must	Committed	1	Green
	Evolve our ways of working to enable Continuous Delivery	--	216013	Must	Committed	2	Green
	Adopt Dojo 1.8	--	257376	Must	Committed	3	Green
	Enable servers to provide diagnostics and monitoring ("CLM Server Monitor...	--	213757	Must	Committed	4	Green
	Support for Ubuntu 12.04 and 12.0.4.2 for RTC Clients	--	237907	Must	Proposed	Not Ranked	Green
	Solidify clustering for high-availability	--	265595	Unassigned	Proposed	5	Green
	Support new crypto requirements	--	265622	Unassigned	Committed	Not Ranked	Yellow

计划间的关联

 Products Downloads Community Our Story

Change and Configuration Management (Jazz)

 Jazz Collaborative ALM

Project Dashboards Work Items Plans Builds Reports

Plans >

CLM Backlog

241 items: 178 open, 63 closed | Ends in: --

Plan Details

Planned Items Links Snapshots Dashboard

+ Add Link

Actions	Link Type
	Related Plans
	CLM 4.0.6 Release Plan
	Implements Requirement Collection
	9927: RM User Requirements - 2013
	Tracks Plan
	Jazz Application Frameworks Backlog
	RM Backlog
	RTC Product Backlog (CCM)
	CLM Backlog (QM)

需求收集

相关计划

跟踪子计划

测试计划

 Products Downloads Community Our Story

Change and Configuration Management (Jazz)

 Jazz Collaborative ALM

Project Dashboards Work Items Plans Builds Reports

Plans >

CLM 4.0.4 Release Plan

9 items: 7 open, 2 closed | Ended on: Aug 31, 2013

Plan Details

Planned Items Links Snapshots Dashboard Notes Planning Call

+ Add Link

Actions	Link Type			
	Related Plans			
	CLM 4.0.6 Release Plan	--	<div></div>	100%
	CLM Backlog	98/99pts	<div></div>	50%
	Tracks Plan			
	RRDI 2.0.4 Release Plan			
	RTC 4.0.4 Release Plan	0/5pts	<div></div>	67%
	QM 4.0.4 Release Plan	13/13pts	<div></div>	--
	RM 4.0.4 Release Plan	3,331.75/3,578.75hrs	<div></div>	83%
	Jazz Application Frameworks 4.0.4 Release Plan	--	<div></div>	--
	Tested by Test Plan			
	Test Plan 4436 - CLM 4.0.4 System Test Plan			
	117: CLM FVT - 4.0.4			
	Test Plan 4532 - SSE 4.0.4 SVT Plan			

计划项

Jazz Collaborative ALM

Project Dashboards ▾ Work Items ▾ Plans ▾ Builds ▾ Reports ▾

Yu Xiang Wan

Search Work Items

Work Items >

Plan Item 265622

Summary: Support new crypto requirements

Done

Overview Commitment Checklist Done Criteria Discussion Execution Links Approvals History

Details

Quick Information

Type: Plan Item

Project Area: Jazz Collaborative ALM

Team Area: PMC

Filed Against: CLM

Work Items >

Plan Item 265622

Summary: Support new crypto requirements

Overview Commitment Checklist Done Criteria Discussion Execution Links Approvals History

Overview

Risk Description

Description

This plan item tracks meeting new government requirements.

US gov will require product to support SP800-131a

Description of the work is here:

<https://w3-connections.ibm.com/wikis/form/anonymous/api/wiki/18d3a40b-36d3-498f-bb2b-c1/Transition%20Guide%20SP%20800-131a.html>

Investigation for each component/product is here

JAF: [JAF] Ensure crypto code is reviewed (253659) - @kfreburger is contact

RTC: [CCM] Ensure crypto code is reviewed (262603) - @toddmm to find contact

QM: Support NIST SP800-131a standard (86660) - @qianji is contact

Insight/RDDI: Verify that all RDDI 2.03 components comply with the new SP800-131A standard

RM: [RRC] Ensure crypto code is reviewed (74028) - @DominicTulley is contact

Risk Status: Yellow

Feature Team Lead: Christophe Elek

Feature Team:

- Celso Gonzalez
- Craig Chaney
- Dominic Tulley
- Jing Qian
- Karl Freburger
- Kevin Low
- Martin Aeschlimann
- Sachin Patel
- Tom Mutsdosch

Execution: 开发和测试的负责人

Test

FVT: Unassigned



FVT Owner: Unassigned

Feature Team Lead: 跨产品的技术领导者


计划项 - 关联项


- CLM 计划项被分解为各产品项目区域中的子计划项
- CLM 计划项通常会关联需求，相关产品计划项，测试用例和其他所有的跟踪项
- 产品计划项被进一步分解为故事或任务，来定义和指导特定的开发活动
- 特定项目区域中的计划项通常关联产品范围内的测试用例，需求和缺陷


Links


Add:  Related 


Mentions


 John Whitfield


 <https://w3-connections.ibm.com/wikis/form/anonymous/api/wiki/18d3a40b-36d3-498f-bb2b-c12c864ef4b6/page/501f9a3e-/Transition%20Guide%20SP%20800-131a.html>

 <https://jazz.net/wiki/bin/view/Main/SP800131a>


 Andrew Hans

 Todd Merriweather


 John Suchy

 Sachin Patel


Tested By Test Case


 72163: CLM_Admin_Install/configure_crypto_E1


Contributes To

 18418: [CLM] Complete support for the NIST SP800-131a standard


Related


 265622: Support new crypto requirements


 271300: FeedViewlet does not support TLS 1.2


 271324: Exception on server startup initializing UAWAR with SP800-131a mode enabled

Affected by Defect


 281032: Documentation needed for configuring IHS sp800-131a support for CLM.

 280165: CLM-ITDS Integration:- Unable to configure:-SP800131 strict mode on CLM deployed with WAS using ITDS Ldap


 97805: Error messaging should be improve to state TLS 1.2 (SP800-131a) is enabled causing JTS authentication failure.


 286816: RTC Eclipse Client Handshake failure connecting to SP800-131 enabled E1 topology (IHS fronted, Distributed)

Tracks

 276723: SVT assessment for Finalize support for new crypto requirements

Related Change Request

 275801: [CCM] Finalize support for the new crypto requirements in the Build Forge Agent Integration

 89703: refactor the Excel/Word Importer project to support .Net 4.5 and check whether supports TLS12

- 保证开发的所有方面都被覆盖到：
 - 完成实现
 - 开发单元测试（构建中运行）
 - 更新系统测试
 - 更新功能测试（构建中运行）
 - 完成全球化测试
 - 更新翻译测试用例
 - 开发自动化测试
 - 录制演示视频
 - 准备培训材料
 - 完成安全扫描
 - 等等

Plan Item 274824

Summary: [JAF] [Process] Support process description archive

Checklist

[What does each checklist item mean?](#)

Done Criteria:

☒ Complete

Acceptance Test:

☒ Complete

UX Design:

☒ Complete

No Broken Flow:

☒ Complete

Implementation:

☒ Complete

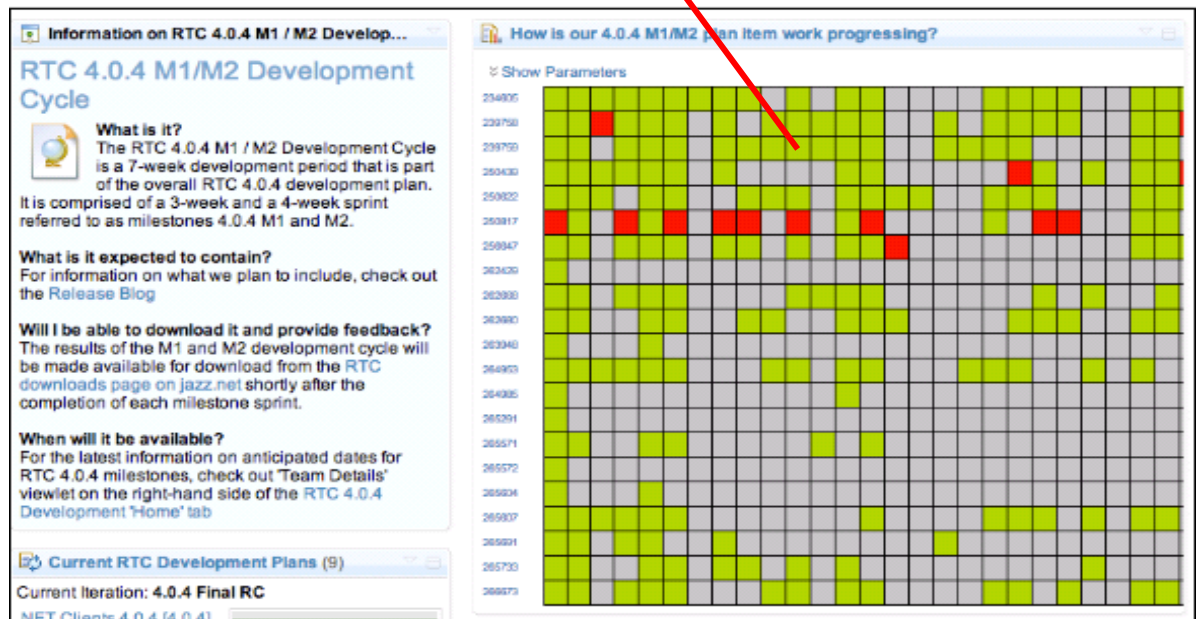
Unit Tests:

☒ Complete

Checklist Notes

[Explanation of the plan item checklist](#)

- Done Criteria
 - Done
- Acceptance Test
 - [QM Test Case - Done](#)
- UX Design
 - [275771: Request new icons for Support process description archive](#)
- No Broken Flow
 - No eclipse client. We have done smoke test on all supported browser
- Implementation

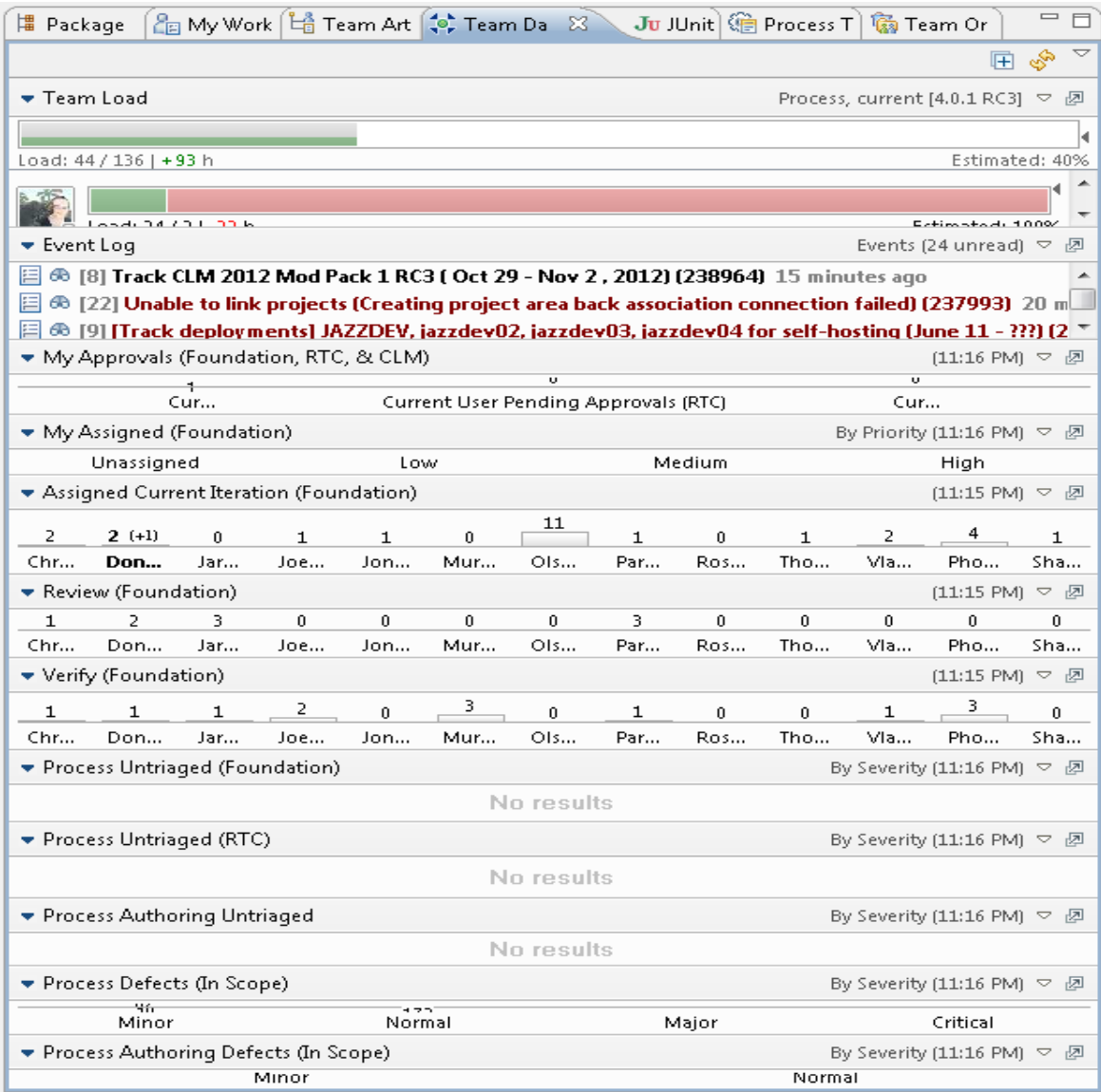


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 - 持续的监控
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- Q&A



利用团队仪表盘实时关注项目状态

- 团队的工作量
- 分配给我的工作项
- 需要我代码审查的工作项
- 需要我审批的工作项
- 分配给每个团队成员的工作项
- 需要团队成员审查的工作项
- 团队事件
 - 构建结果
 - 工作项更新
 - 代码基线交付
- 团队本次迭代所有未完成的工作
- ...



开发过程全程追踪

bar.txtLocal ProjectClearCase ConnectorClearQuest ConnectorClearCase ConnectorClearCase Connector

Team Area: ClearCase Connector | Iteration: 2.0 MID1 (10/27/08 - 11/21/08) | 53 Closed | 39 Open

Brian Nelson

Closed Items: 10 | Open Items: 0

Broken externalized strings in connector.scm.ide.*

Do a license check before deleting sync streams

Exception when trying to change two different initArgs at same time (one CC, one Jazz)

change sync user is a two steps work instead of one

Refactor 3 tableviewers[label providers/content providers in GUI into a set of one each of those classes

Need to clean up after changes for 62361 and 62363

Gray out "Finish" button on "Select Team Area" page

Confirmation for synchronized stream deletion gives wrong number of streams to delete

Error message about project folders not existing refers to ClearCase even when selecting files from Jazz

ClearCase Provider Properties shows unqualified stream name

Carol Yutkowitz

Closed Items: 7 | Open Items: 21

Track Test Status of 2.0 MID1

Provide project level read permissions

Avoid mounting the PVOB

MPE in "Character Class" case stream" from association class when external "Source" as the

No Work Time Left

Estimated: 100%

Load: 0 / 0 | 0 h

View As

Backlog

Developer's Taskboard

Planned Time

Team Folders

Work Breakdown

Actions

Re-sort

Exclude

Assigned Items

Empty Groups

Estimated Items

Execution Items

Planned Items

Resolved Items

Unchanged Items

敏捷计划关联到工作项

Defect 293453

Summary: Get error when saving Delta Load Configuration to SQL Server DW

In Progress

Attachments

Id	Name	Created	Created by	Size	Type
183189	Can not connect to SQL S...	12/11/13	Kevin Gu	375K	app
183404	Still get errors for SQL Ser...	6:44 AM	Pinglao Zhao	100K	app

Add File...

Add Screenshot...

Remove

Rename

Save As...

Subscribers

li yajiang

Na Deng

Petroula Pantazopoulos

Pinglao Zhao

Add...

Remove

Links

Change Sets

Data Collection Service - Kevin Gu - support other db vendors in service Dec 11, 2013 2:45 PM

Data Collection Service - li yajiang 2:14:42 PM (2 hours ago)

Included in Builds

DCS Tech Preview Development build rridcs_2013-120131211_0159

Mentions

56738: SetupProjectChanges2.doc

Kevin Gu

Pinglao Zhao

Petroula Pantazopoulos

DCS Tech Preview Development build rridcs_2013-120131211_0159

Related Artifacts

101411: Get error when saving Delta Load Configuration to SQL Server DW

Add

Open

Remove

Overview Links Approvals History

工作项关联到变更集

support other db vendors in service

com.ibm.rational.datacollection.common/src/com/ibm/rational/datacollection/common/constants

Constants.java

com.ibm.rational.datacollection.service/src/com/ibm/rational/datacollection/service/internal/util

Config.java

变更集关联到代码变更

Properties

Java Structure Compare

Compilation Unit

Config

fetchConfiguration()

Java Source Compare

Config.java (after) (read-only)

Config.java (before) (read-only)

130 } else if (Constants.DB_TYPE_ORACLE.equals(dbType))

131 dbType = DBType.ORACLE;

132 } else if (Constants.DB_TYPE_SQLSERVER.equals(dbType))

133 dbType = DBType.SQLSERVER;

134 } else if (Constants.DB_TYPE_DB2I.equals(dbType))

135 dbType = DBType.DB2I;

136 } else if (Constants.DB_TYPE_DB2Z.equals(dbType))

137 dbType = DBType.DB2Z;

138 } else if (Constants.DB_TYPE_DERBYCLIENT.equals(dbType))

139 dbType = DBType.DERBYCLIENT;

140 } else if (Constants.DB_TYPE_DERBY.equals(dbType))

141 dbType = DBType.DERBY;

142 }

143 schemaPrefix = ServerConfiguration.INSTANCE.threadSize = ServerConfiguration.INSTANCE.connectionSize = ServerConfiguration.INSTANCE.storageSize = ServerConfiguration.INSTANCE.g

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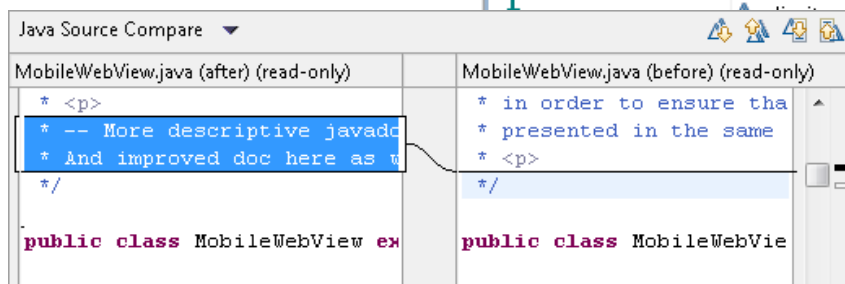
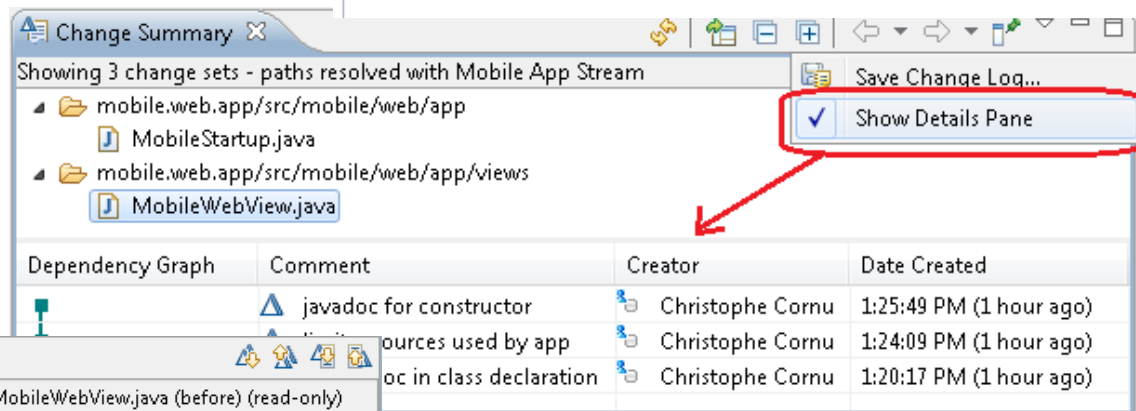
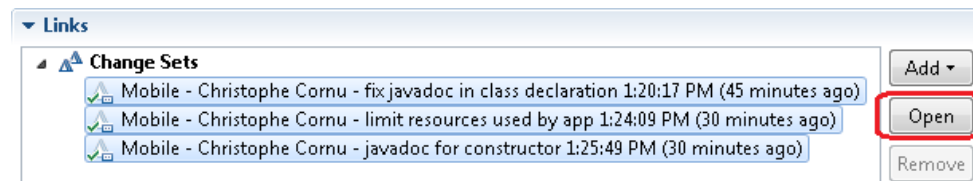
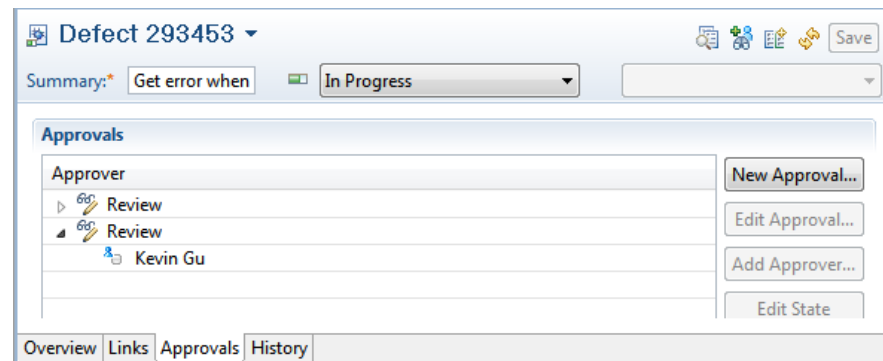
999

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代码评审和检查

- 自我评审
 - 编写和运行测试用例
 - 检查版权信息（自动）
 - 验证更改的文件（不遗漏，无垃圾）
 - 运行代码检查
 - 运行 Rational AppScan进行代码扫描
- 同行评审
 - 使用 RTC 评审功能
 - 运行代码检查
 - 运行测试用例



构建和测试跟踪

- 每日自动运行CLM ALL构建，包括CLM集成构建和自动化测试
- 构建自动创建、更新**构建项**，用于跟踪构建和测试结果

Build calm.406.all CALMALL406-20140130-1406 ?

Completed

Duration: 11 hours, 20 minutes
 Start time: More than one day ago
 Completed: More than one day ago
 Time in queue: 7 seconds

[Overview](#)
[Activities](#)
[External Links](#)
[Logs](#)
[Properties](#)
[Work Items](#)

Build Tracking Item

[Build Item \(ID: 300503\)](#)

Contributing Build(s)

[BVT child build](#)
[CD3XU child build](#)
[CD4XU child build](#)
[CDCLMBVT child build](#)
[CDCLMBVTEX child build](#)
[CDPRT child build](#)
[CDPRTEX child build](#)
[CDQMBVT child build](#)
[CDQMBVTEX child build](#)
[CDQMI child build](#)
[CDQMITE child build](#)
[CDQMIPERF child build](#)
[CDRMBVT child build](#)
[CDRMBVTEX child build](#)
[CDRMI child build](#)
[CDRMITE child build](#)
[CDSETUP child build](#)
[CDSVTA child build](#)
[CDSVTATE child build](#)
[CDSVTGOV child build](#)

每日 CLM ALL
构建驱动CLM集
成构建

Build calm.406 CALM-I20140130-2000 ?

Completed

Duration: 52 minutes, 13 seconds
 Start time: More than one day ago
 Completed: More than one day ago
 Time in queue: 1 second

[Overview](#)
[Activities](#)
[Downloads](#)
[External Links](#)
[Logs](#)
[Properties](#)
[Work Items](#)

General Information

Requested by:

Scheduled build

Build Definition:

calm.406

Build Engine:

jcb.sorbid13.2

Build History:

58 builds

Tags:

calm.all=20140130-1406, passed-bvt

Deletion allowed

☒

Contribution Summary

Changes:

Show changes

Downloads:

43 downloads

External Links:

15 links

Logs:

10 logs

Repository Workspace:

CLM Integration 4.0.6 Workspace Build Acc

Snapshot:

calm.406_20140130-2000

Work Items:

None reported against this build, 1 included in build

变更和工作项: 列举
此构建所包含的的所有变更和工作项

构建和测试跟踪

- 每日自动运行CLM ALL构建，包括CLM集成构建和自动化测试
- 构建自动创建、更新构建项，用于跟踪构建和测试结果

Build calm.406.all CALMALL406-20140130-1406 ?

Completed

Duration: 11 hours, 20 minutes

Start time: More than one day ago

Completed: More than one day ago

Time in queue: 7 seconds

OverviewActivitiesExternal LinksLogsPropertiesWork Items

Build Tracking Item

Build Item (ID: 300503)

Contributing Build(s)

BVT child build

CD3XU child build

CD4XU child build

CDCLMBVT child build

CDCLMBVTEX child build

CDPRT child build

CDPRTEX child build

CDQMBVT child build

CDQMBVTEX child build

CDQMI child build

CDQMITE child build

CDQMIPERF child build

CDRMBVT child build

CDRMBVTEX child build

CDRMI child build

CDRMITE child build

CDSETUP child build

CDSVTA child build

CDSVTATEX child build

CDSVTGOV child build

每日 CLM ALL
构建自动更新构
建项

CLM ALL 构建在CLM构建后，自动运行自动化部署，BVT, FVT和SVT。所有的测试结果都自动记录在构建项中。

Build Item 300503 ?

Summary: Tracking Build: CALMALL406-20140130-1406

OverviewLinksApprovalsHistory

Details

Description

Discussion

Collapse All | Expand All

- CLM Continuous Delivery Jan 31, 2014 9:11 AM
Running SVT Performance Acceptance Deployment Using: CDSVTP-20140130-2011
- CLM Continuous Delivery Jan 31, 2014 9:11 AM
Running PRT Deployment Using: CDPRT-20140130-2011
- CLM Continuous Delivery Jan 31, 2014 9:11 AM
Running SVT Governance Deployment Using: CDSVTGOV-20140130-2011
- CLM Continuous Delivery Jan 31, 2014 9:11 AM
Running QM BVT Deployment Using: CDBVTQM-20140130-2011
- CLM Continuous Delivery Jan 31, 2014 9:11 AM
Running RM BVT Deployment Using: CDBVTRM-20140130-2011
- CLM Continuous Delivery Jan 31, 2014 9:11 AM
Running Performance QM Deployment Using: CDPQM-20140130-2011
- CLM Continuous Delivery Jan 31, 2014 9:11 AM
Running RMI Deployment Using: CDRMI-20140130-2011

Quick Information

- SVT Performance Acceptance: Approved (1 of 1)
- PRT Deployment: Approved (1 of 1)
- SVT Governance Deployment: Approved (1 of 1)
- QM BVT Deployment: Approved (1 of 1)
- RM BVT Deployment: Approved (1 of 1)
- Performance QM Deployment: Approved (1 of 1)
- RMI Deployment: Approved (1 of 1)
- SVT Acceptance Deployment: Approved (1 of 1)
- CLM BVT Deployment: Approved (1 of 1)
- QMI Deployment: Approved (1 of 1)
- SVT Acceptance Execution: Approved (1 of 1)
- CLM BVT Execution: Approved (1 of 1)
- PRT Execution: Approved (1 of 1)
- RM BVT Execution: Approved (1 of 1)

构建和测试结果

Build RRDI 2.0.4.x Build [AppScan Enabled] (personal build by Morteza Ershad-Manesh)
rrdi204_AppScan-T20130620_1033

✓ **Completed**
Duration: 27 minutes, 53 seconds
Start Time: June 20, 2013 10:32:06 PM
Completed: June 20, 2013 11:00:00 PM
Status Trend:

Contribution Summary
Compile: 0 errors, 292 warnings
Downloads: 99 downloads
External Links: 16 links
Logs: 41 logs
Repository Workspace: RRDI 2.0.4.x Build Workspace
Tests: 200 tests, 0 failures, 0 errors

Reported Work Items
Work items reported against this build to help stabilize it.
None reported against this build
[Create a new work item](#)
[Associate an existing work item](#)

General Information
Requested by: Morteza Ershad-Manesh
Build Definition: RRDI 2.0.4.x Build [AppScan Enabled]
Build Engine: ccibld11-jazzdev02-01
Build History: 6 builds
Tags:
☒ Deletion allowed

Overview Activities **Compilation** Tests Downloads External Links **Logs** Properties

RRDI 2.0.4.x Build [AppScan Enabled] - Found 6 Builds (1919 ms)

Build	Label	Progress	Estimate
RRDI 2.0.4.x Build [AppScan Enabled] (personal build by Morteza Ershad-Manesh)		Canceled	
RRDI 2.0.4.x Build [AppScan Enabled] (personal build by Morteza Ershad-Manesh)	rrdi204_AppScan-T20130620_1033	Completed	

Build RRDI 2.0.4.x Build [AppScan Enabled] (personal build by Morteza Ershad-Manesh)
rrdi204_AppScan-T20130620_1033

Unit Tests

Name	Tests	Failures	Errors	Time Taken	Run Order
unittest-framework	196	0	0	1 s	
AllUnitTests	196	0	0	1 s	
com.ibm.rational.rdi.unittest.framework.builder.annotation.test.BothTest	2	0	0	6 ms	1
testClassWithBoth	1	0	0	5 ms	1
testMethodWithBoth	1	0	0	1 ms	2
com.ibm.rational.rdi.unittest.framework.builder.annotation.test.LocalTest	2	0	0	1 ms	2

Details
Class name: [com.ibm.rational.rdi.unittest.framework.builder.annotation.test.BothTest](#)
Method: [testMethodWithBoth](#)
Time taken: 1 millisecond

Welcome: gumingbj@cn.ibm.com, Rational RRDI/Insight FVT environments

Each VM has 5 states:

- 1) **Running** means BVT automation is running, it will be updated to Passed/Failed according to BVT Result, you CANNOT book this machine.
- 2) **Passed** means BVT automation is completed and the result is passed, you can book this machine.
- 3) **Failed** means BVT automation is completed but the result is failed, you can book this machine to check the failure.
- 4) **Idle** means BVT was passed and this machine was booked by someone but he/she just released this machine, note the environment may be corrupted by previous owner.
- 5) **Email Address** means machine was booked, contact the owner directly if you want use this machine. Note it will be used for BVT without notification.

VMID	HOSTNAME	OS	DBMS	STATE
VM1	VEGA37.cn.ibm.com	Win2K8x64	DB2V97	xjiang@cn.ibm.com
VM2	VEGA22.cn.ibm.com	Win2K8x64	DB2V10	xueningl@cn.ibm.com
VM3	VEGA41.cn.ibm.com	Win2K8x64	SQL2K8	Idle
VM4	VEGA42.cn.ibm.com	Win2K8x64	ORA11G	Failed
VM5	RI13.cn.ibm.com	RHEL5x64	DB2V97	xjiang@cn.ibm.com
VM6	VEGA19.cn.ibm.com	RHEL5x64	DB2V10	Running
VM7	VEGA43.cn.ibm.com	RHEL5x64	ORA11G	Passed
VM8	VEGA27.cn.ibm.com	RHEL6x64	DB2V97	Passed
VM9	VEGA20.cn.ibm.com	RHEL6x64	DB2V10	Passed
VM10	RI09.cn.ibm.com	RHEL6x64	ORA11G	mengtj@cn.ibm.com
VM11	RI28.cn.ibm.com	SLES10x64	DB2V97	Idle
VM12	RI32.cn.ibm.com	SLES10x64	DB2V10	Passed
VM13	RI29.cn.ibm.com	SLES10x64	ORA11G	Passed
VM14	RI11.cn.ibm.com	SLES11x64	DB2V97	Passed
VM15	VEGA31.cn.ibm.com	SLES11x64	DB2V10	Passed
VM16	RI12.cn.ibm.com	SLES11x64	ORA11G	Passed

Insight 1.1.1.2 and RRDI 2.0.3 FVT Automation Test Result

Test result on Win2K8x64 with DB2V97 on vega37.

Insight: 1.1.1000.20130522-1045, RRDI: 2.0.4000.rrdi204-I20130613_1006

Verification Points	Status	Log
Fresh Install CLM 4.0.3	Passed	Log
CLM Setup	Passed	Log Screen Capture
Java ETL	Passed	Log
Fresh Install RRDI 2.0.3	Passed	Log
RRDI Setup	Passed	Log Screen Capture
Check System Service	Passed	Log
Check JRE Version	Passed	Log
CLM OOTB Reports	Unattempted	Log
Load Cognos Archives	Passed	Log Screen Capture
Fresh Install Insight 1.1.1.2	Passed	Log

构建版本审批 (Sign off)

■ 什么是 **Sign off**

- Sign off是团队经过测试，同意Release Engineering发起的把一个构建作为每周构建版本或者迭代构建版本的请求这样一个过程

■ 每周构建版本 **Sign off**

- 团队 buildmeister负责sign off每周构建版本

■ 迭代构建版本 **Sign off**

- 由团队每个成员sign off
- 团队每个成员参与测试
- 我们使用Rational Quality Manager追踪测试用例和测试状态

Sign off – 测试内容

团队成员根据本次迭代自己完成的工作项，编写测试用例
团队**Testmeister**根据已有和新增的测试用例，生成**TER**

Filter By Test Case Categories

Filter By Categories

Filter By Saved Queries

My Queries

Shared Queries

Process

CLM - All

CLM - Not Run

Current User Not Finished

New Features - All

New Features - Not Run

Process Main - All

Process Main - Not Run

Process 3.0.x.x

Process 4.0.2

Process > Old Milestones

Repository

Repository > Old Milestones

Web UI

Filter by Test Plans

View As: General

Group By: Test Environment

Type Filter Text

10 Items per page

Previous | 1, 2, 3 | Next

Id

Priority

Name

Owner

Last Result

Iteration

Weight

Any

Any

Any

Any

Any

Any

Run

Chrome (1 - 4 of 4)

15615

JTS + Foundation Fronting Server sanity check_Chrome

Chris Goldth...

4.0.4 ...

100

15616

JTS Sanity Check_Chrome

Parker Dunton

4.0.4 ...

100

15617

Test project linking_Chrome

Joseph Salo...

4.0.4 ...

50

15618

Process Description Viewlet_Chrome

Chris Goldth...

4.0.4 ...

100

Firefox 17 (1 - 4 of 4)

15607

JTS + Foundation Fronting Server sanity check_Firefox 17

shaomin xing

4.0.4 ...

100

15608

JTS Sanity Check_Firefox 17

shaomin xing

4.0.4 ...

100

15609

Test project linking_Firefox 17

shaomin xing

4.0.4 ...

50

15610

Process Description Viewlet_Firefox 17

shaomin xing

4.0.4 ...

100

Internet Explorer 8 (1 - 2 of 4)

15611

JTS + Foundation Fronting Server sanity check_Internet...

Qiong Feng ...

4.0.4 ...

100

15612

JTS Sanity Check_Internet Explorer 8

Qiong Feng ...


4.0.4 ...

100

Showing 1-10 of 27 items

Previous | 1, 2, 3 | Next

构建状态工作项：Track Build Item


Track Build Item 272215

Summary:

Foundation 4.0.4 RC1 (July 10 - 26)

In Progress

Save

Details

Creation Date:

Jul 10, 2013 7:36 AM

Created By:

Christopher Maguire

Filed Against:

Release Engineering

Quick Information

Subscribers(48):

AC, AB, AS, ACMR, BC, BK ...

Mentions(34)

Mentioned By(4)

✓

Approve RJF-I20130709-2005 as

Rejected (1 of 1)

✓

Approve RJF-I20130710-1348 as

Rejected (1 of 3)

✓

Approve RJF-I20130711-0220 a....

Approved (6 of 6)

✓

Approve RJF-I20130716-1932 as

Rejected (1 of 2)

✓

Approve RJF-I20130717-2259 as

Rejected (1 of 4)

✓

Approve RJF-I20130718-1343 a....

Approved (3 of 3)

✓

Smoke Test Launch Configs:

Pending (5 of 5)

✓

Smoke Test db2 (fusion1):

Pending (5 of 5)

✓

Smoke Test oracle (fusion3 and....

Pending (5 of 5)

✓

Smoke Test sqlserver (fusion6):

Pending (5 of 5)

✓

Approve

Pending (9 of 9)

Build sign off Apprval

Description

Stream:

Foundation 404

Workspace:

BuildFoundation404

Build def:

jaf.404

Build schedule:

kicked off via the calm.all build nightly at 7:30pm ET

Deploy Status (fusion1.3 and 6):

http://jazzweb.beaverton.ibm.com/foundation/web/releng/deployed_builds/deploy_status.html#RJF

Endname:

Discussion (29 comments; 29 new)

27. Morteza Ershad-Manesh, Jul 22, 2013, 8:51 PM

EDBs for build [jaf.404 RJF-I20130721-1931](#)

db2i: Passed

db2z: Red, [Infrastructure Problem \(273479\)](#), Re-running the build

db2z: Passed

oracle: Passed

sqlserver: Red, [Test Failure \(273486\)](#), Re-running the build

28. Sanket Jain, Jul 22, 2013, 9:09 PM

Build Status -

- The latest build [jaf.404 RJF-I20130721-1931](#) completed as green

- [jaf.404 RJF-I20130721-1931](#) is deployed to fusion 1, 3, 4 and 6

29. Sanket Jain, Jul 23, 2013, 3:08 PM

Build Status -

- The latest build [jaf.404 RJF-I20130722-1930](#) completed as RED due to Repository Junit Test failure

db2z - [Defect 273665](#)

sqlserver - [Defect 273149](#)

Issues and Build status update

Overview

Links

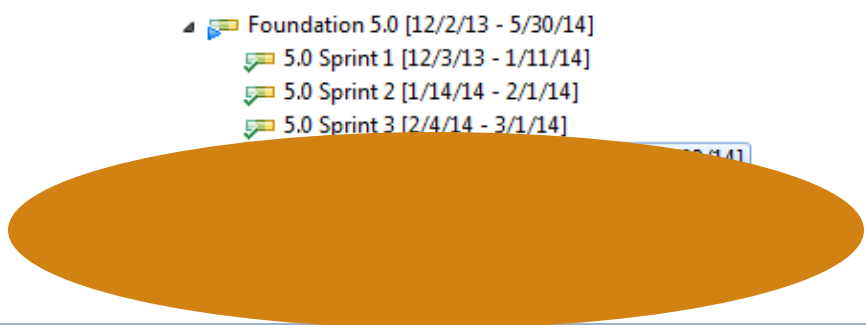
Approvals

History

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游戏结束 – 黎明前的“黑暗”

- 也叫游戏结束(end game)
- 发布之前的收敛(变更管理要求更加严格)
- 一系列的测试--修复缺陷的过程
- 阶段
 - 功能/代码冻结
 - 位冻结
 - 内部发布
 - 正式发布发



Team Area

Process

- Iteration Types
 - Stabilization
 - Early Endgame
 - Permissions (unconfigured)
 - Operation Behavior
 - Event Handling (unconfigured)
 - Late Endgame
 - Maintenance
 - Middle Endgame
 - Maintenance (Strict)
 - Normal
 - Stabilization (Strict)
 - Foundation 1.0
 - Foundation 3.0 (formerly 2.0)
 - Foundation 3.0.1 (type: Normal)
 - Foundation 4.0 (type: Normal)
 - Foundation 4.0.1 (type: Normal)
 - Foundation 4.0.3 (type: Normal)
 - Foundation 4.0.4 (type: Normal)
 - Permissions (unconfigured)
 - Operation Behavior (unconfigured)
 - Event Handling (unconfigured)
 - 4.0.4 Sprint 0
 - 4.0.4 Sprint 1 (type: Normal)
 - 4.0.4 Sprint 2 (Feature Freeze) (type: Normal)
 - 4.0.4 RC1 (type: Early Endgame)
 - 4.0.4 Final RC (type: Middle Endgame)
 - 4.0.4 Ship Ready Test (type: Late Endgame)
 - 4.0.4 Final (type: Late Endgame)
 - Backlog

Configuration

Operati...	Everyo...	Build ...	Part-Ti...	New T...	Proces...	String ...	PMC	Comp...	Comp...	Project...	Dashb...	JAF
Pro...												
Report												
Dej...												
Dej...												
Dis...												
Ma...												
Source												
Del...												
Del...												
Del...												

The deliver operation is performed when changes or baselines are delivered from a workspace to a stream.

☒ Preconditions and follow-up actions are configured for this operation
☐ Final (ignore customization of this operation in child areas)

Preconditions (10 available):

- Update Copyright Year
- Clean workspace
- No unused imports
- Descriptive changes
- Externalize Java Strings
- Externalized Javascript Strings
- Approved Changes
- String or UI Approval and Tags

Add... Remove Up Down

Name: Approved Changes

Description: All changes you release at this stage of the endgame need to be approved by the c

Follow-up actions (0 available):

回顾 (Retrospective)

Retrospective 192999

Summary: Process - 4.0 M8C Retrospective

Status: Finished

Details

Creation Date: Jan 26, 2012 2:35 AM
 Created By: Jared Burns
 Team Area: Process / Jazz Foundation
 Filed Against: Process
 Owned By: Jared Burns
 Planned For: 4.0 M8 Candidate (Feature Freeze)
 Resolution Date: Jan 28, 2012 4:30 AM
 Resolved By: Jared Burns
 Due Date: None

Quick Information

Subscribers (1): JB
 Parent: 203428
 Related (1): 186465
 Mentions (10)

Agenda

Goals

- * Discuss how we did during the Jazz Application Frameworks 4.0 M7C iteration
- * Reflect on changes to our development process (subteams, 4-week iterations, etc.)
- * Come up with a list of retrospective actions

General Questions/Topics

Summary

General Questions/Topics

- * What did we accomplish and what did we say we would accomplish?
 - support for configuration data deltas
 - improvements around access groups and process area read access
 - project area editor layout improvements
 - capability menus for project areas, including recently used
 - support for config data in the web ui
 - finished work to use java annotation model for authoring services
 - established RESTful patterns for authoring REST api
 - authoring association format changes, not delivered because of missing migration story
 - misc bug fixing, adoptions, and escalations for lpa
 - dm integration was planned for lpa, but still blocked on dm auth issue
 - our team grew! added a new team member
- * What worked well in the team?
 - new team member helping out with test pass
 - we managed to get through our test pass, even though we were very short staffed (good team communication) and the

Overview | Discussion | Links | History

Score	ID	Status	P	S	Summary	Owned By	Created By	Pl:
88%	192999	Finished			Process - 4.0 M8C Retrospective	Jared Burns	Jared Burns	4.0
88%	168453	Finished			Process - 3.0.1 retrospective	Jared Burns	Jared Burns	Fo
88%	111235	Finished			Process Authoring M6 Candidate Retrospective	Darin Swanson (archi...	Darin Swanson (archi...	3.0
88%	169416	Finished			Reporting - 3.0.1 Retrospective	James Moody	James Stuckey	Fo
					Process Authoring M5 Candidate Retrospective	Darin Swanson (archi...	Darin Swanson (archi...	3.0
					Repository 1.0 FM1 Retrospective	Ritchie Schacher	James Stuckey	1.0
					WebUI - 4.0 GA Retrospective	Deian Glazic	John Romano	Fo

Showing 100 (of 353 work items containing 'retrospective') - All Work Items containing 'retrospective'

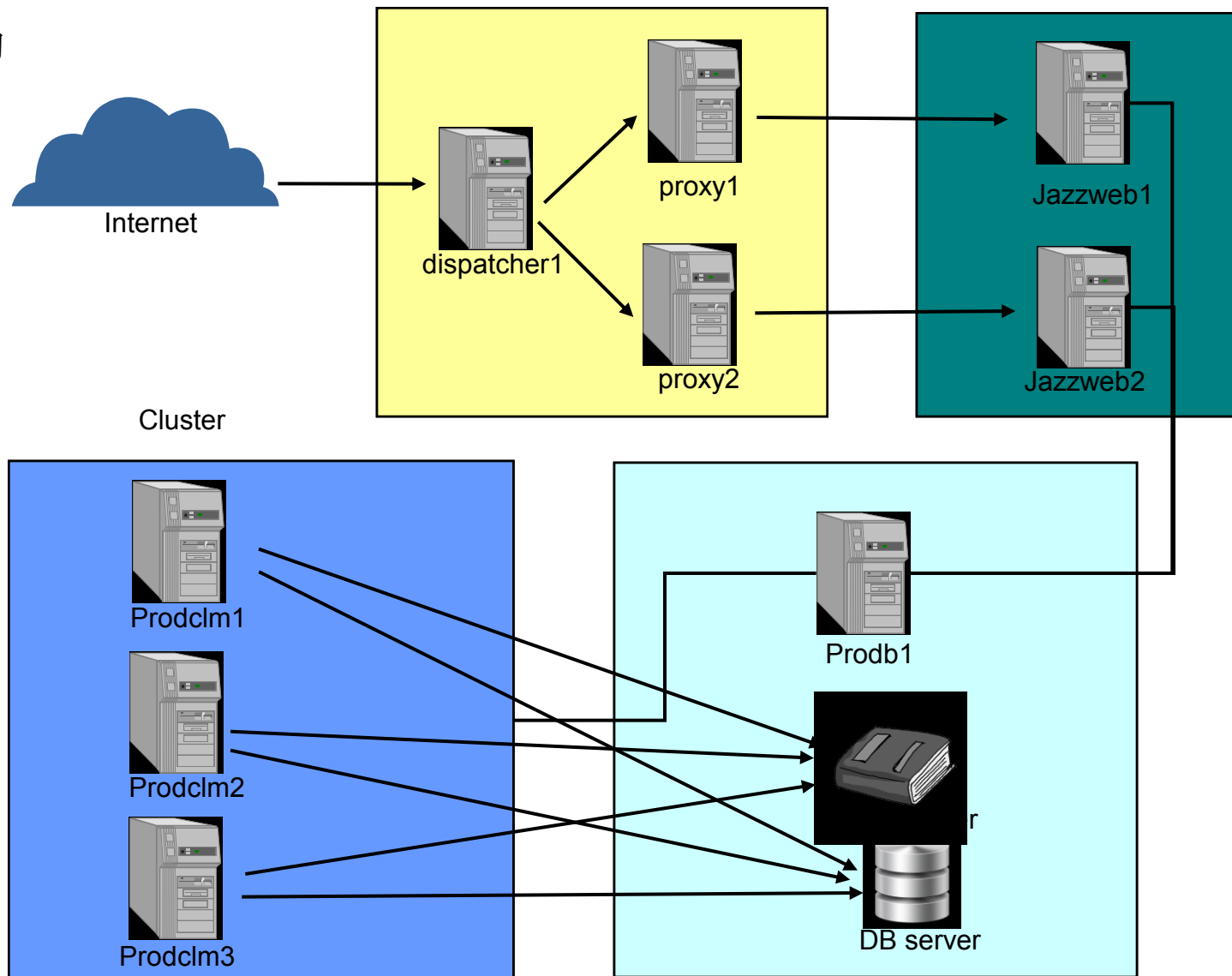
[Check usages of this workflow in the repository](#)

- IBM软件交付转型历程记事
- Jazz团队的最佳实践分享
 - 团队的组织结构
 - 持续的规划
 - 敏捷的开发和测试
 - **持续的部署**
 - 持续的监控
- IBM DevOps Services和BlueMix
- Q&A

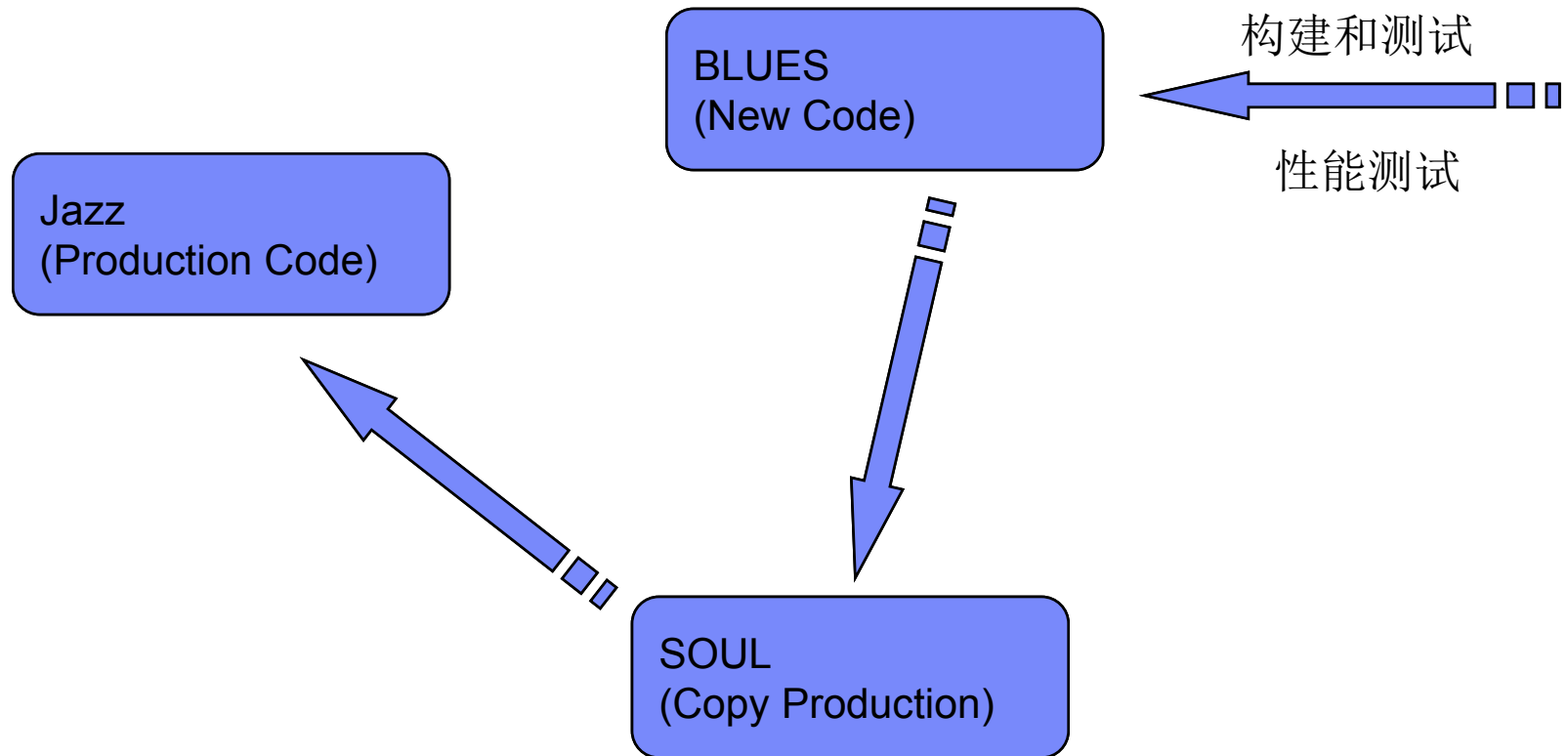


持续部署

■ Jazz.net部署结构



生产环境与测试环境



- 测试生产环境的升级
- 测试最新**GA**构建的补丁和热修补
- 调试生产环境代码问题

使用uDeploy中获取CLM构建

IBM UrbanCode Deploy

Zhi Liu

IBM

Dashboard

Components

Applications

Configuration

Processes

Resources

Calendar

Work Items

Reports

Settings

[Home](#) > [Components](#) > CLM

Component: CLM

Created By

Ting Li (litinghui)

Created On

02/18/2014 10:24 上午

Used By

[SSE-E3-distributed-linux](#)

Description:

UCD CLM BUILD_ID File store build ID

Dashboard

Usage

Configuration

Calendar

Versions

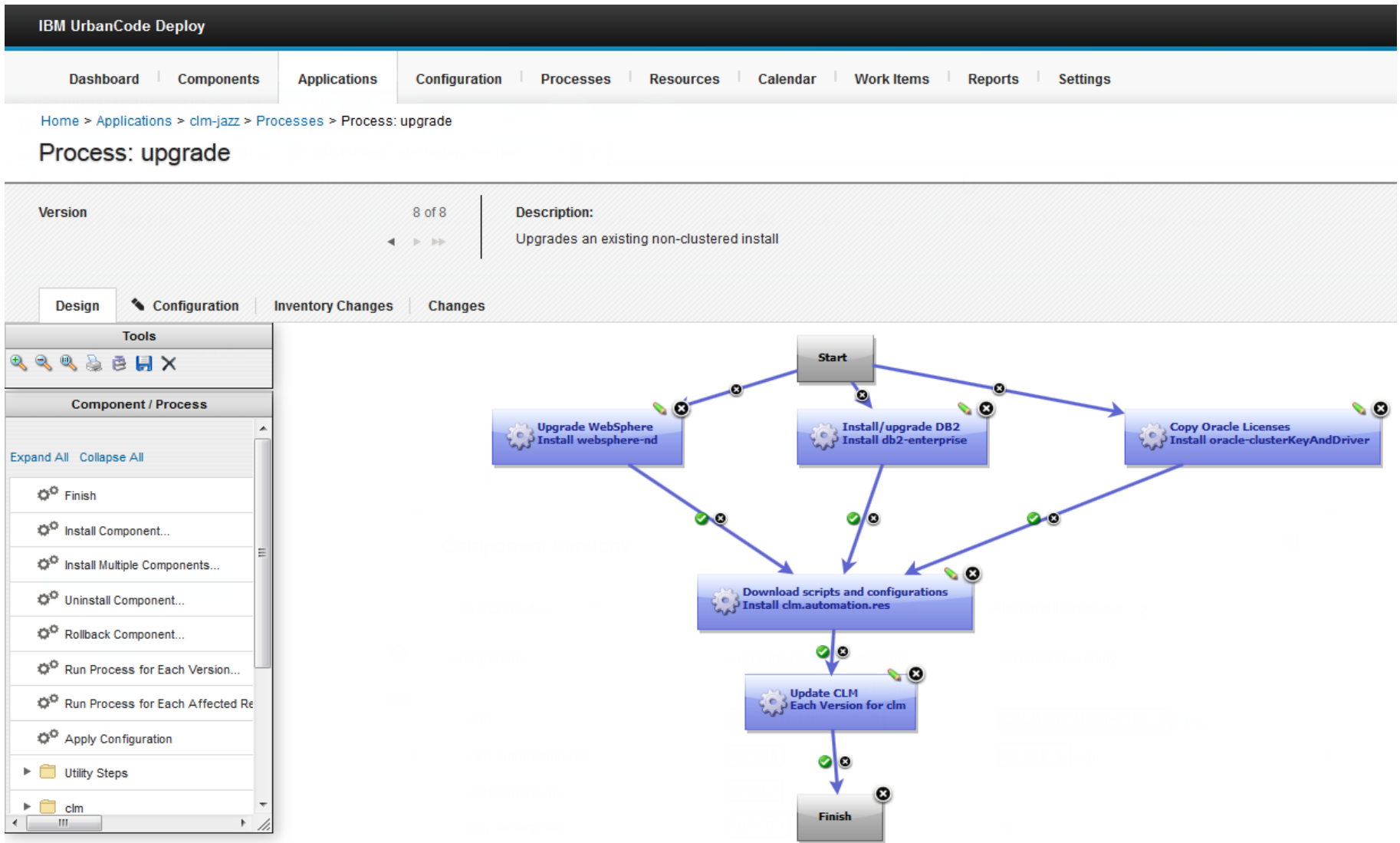
Processes

Changes

Import New Versions

Version	Latest Status	Type	Created By	Date	Description	Actions
Show Filters						
CALM-H20140329-2009		Full	admin	03/31/2014 11:01 下午		Compare Delete
CALM-H20140205-1923		Full	admin	03/20/2014 09:35 下午		Compare Delete
CALM-H20140318-0313		Full	admin	03/19/2014 12:48 上午		Compare Delete
CALM-H20140311-0125		Full	admin	03/12/2014 01:05 上午		Compare Delete
CALM-H20140307-1821		Full	admin	03/08/2014 09:22 上午		Compare Delete

定制部署流程



配置目标环境和自动化部署

IBM UrbanCode Deploy

Dashboard
Components
Applications
Configuration
Processes
Resources
Calendar

Home > Applications > clm-jazz

Application: clm-jazz

Created By

rjminsha@us.ibm.com

Description:

Deployment of CLM Applications onto exist

Created On

08/29/2013 03:09 上午

Environments

History

Configuration

Components

Blueprints

Snapshots

Processes

Create New Environment

Drag environments by their names to re-order them.

▶ bluesdev

▶

More...

Snapshot: Blues-50-CALM-I201403...

Compliance: 4 / 4

▶ souldev

▶

More...

Snapshot: None

Compliance: 4 / 4

▶ jazzdev

▶

More...

Snapshot: None

Compliance: 0 / 0

▶ jazzdev02

▶

More...

Snapshot: None

Compliance: 0 / 0

▶ jazzdev03

▶

More...

Snapshot: None

Compliance: 0 / 0

▶ jazzdev04

▶

More...

Snapshot: None

Compliance: 0 / 0

▶ Carl-Laptop

▶

More...

Snapshot: None

Compliance: 1 / 5

▶ Virtual1

▶

More...

Snapshot: None

Compliance: 0 / 0

Run Process on souldev

Only Changed Versions

☒

Process *

upgrade-cluste

Select a snapshot

None

Component Vers

2 selected (Choose Versions)

Schedule Deployment?

☒

Date *

04/26/2014

Time *

06:00 上午

Make Recurring

☒

Pattern *

Monthly

Description

Submit

Cancel

Component Versions

Select For All...

Show only changed components

Allow invalid versions

Component	Currently Deployed Versions	Versions to Deploy
clm	CALM-I20140329-2009	CALM-I20140420-2121 Add...
clm.automation.res	50.006	50.009 Add...
websphere-nd	8.5.0.2	Add...
db2-enterprise	10.1.0.2	Add...
oracle-clusterKeyAndDriver	11gR2	Add...

5 records

<<

<

1

/

1

>

>>

Rows

OK

- IBM软件交付转型历程记事
- Jazz团队的最佳实践分享
 - 团队的组织结构
 - 持续的规划
 - 敏捷的开发和测试
 - 持续的部署
 - **持续的监控**
- IBM DevOps Services和BlueMix
- Q&A



- CLM团队采用仪表盘作为主要状态监控机制

- Yu Xiang Wan

Project Dashboards ▾ Work Items ▾ Plans ▾ Builds ▾ Reports ▾

All Jazz Collaborative ALM Dashboards >

Jazz Collaborative ALM

General ▾

CLM Calendar

Defects - CLM Blockers

3.0.1.6 iFix 2

CLM 4.0.6

CLM 5.0

5.0 Checklists

5.0 Risks & Issues

5.0 QCert Lite

4.0.6 Risk & Issues

CLM 4.0.6 Builds

BVT Status

Continuous Test

FVT Status

SVT Status

Performance Eng

Self-Host

4.0.6 Checklists

4.0.6 QCert Lite

4.0.6 Defect Deferrals

4.0.6 Sprint & End Game Tasks

Publishing JazzCS

Client Programs (CCF)

Client Programs

SSE Defects

CLM Triage

Dev - Foundation Adoption

Platform Plans and Pressures

Commonly Used Tags

5.0 Sprint & End Game Tasks

Headlines

CLM Projects

This dashboard (and its many tabs) track the work for the next release of CLM which is currently in development. You will find tabs for each release as well as links to each products release plan(s).

Archive

Prior Releases can be found (archived) here on the [Jazz Collaborative ALM Maintenance dashboard](#)

Project Dashboards

DM (RSA and Rhapsody) (Private requires login)

Jazz Foundation

PLE <Private requires login>

Rational Quality Manager

Rational Reporting for Development Intelligence (Private requires login)

Rational Requirements Composer

Rational Team Concert

SSE <Private requires login>

CLM 2013 (4.0.2-4.0.6) Retrospectives (CLM) (8)

301218: CLM 4.0.6 Retrospective (CLM FVT Team)

298304: CLM 4.0.6 Retrospective

289697: CLM Release Engineering & Install 4.0.5 Retrospective

287995: CLM FVT - CLM 4.0.5 Retrospective

280853: CLM 4.0.5 Retrospective

279600: CLM 4.0.5 S1 feedback & recommendations

276147: CLM FVT - CLM 4.0.4 Retrospective

275964: CLM 4.0.4 Retrospective

Useful Links

CLM Connections Community (internal)

CLM Wiki

Deployment Wiki

Historical Dashboards (previous releases moved to CLM Maintenance)

Samples (MTM) Dashboard

SVT Project dashboard

System Requirements Articles

Web UI Patterns and Style Guide

TWiki's Main web

ConfigurationAwareItems 20 minutes ago

Dominic4 1 hour ago

NewImporterTestMatrix 7 hours ago

CimZurichSetups 10 hours ago

RRC50MigrationPath 12 hours ago

NicolasKrukLeftBar 12 hours ago

TWikiAuthorsGroup 14 hours ago

TWikiUsers 14 hours ago

RQMDDevelopmentMain 15 hours ago

CreateAPatch 15 hours ago

PROJECT DETAILS

Plan

CLM 5.0 Release Plan

100%

[Related Plans >](#)

Timelines

Main Development

CLM 4.0.6 RC3 Ends Feb 1, 2014

CLM 4.0.6 Final Ends Mar 1, 2014

CLM 4.0.6 End Game for Automation Ends Feb 1, 2014

[Show More](#)

[View All Timelines >](#)

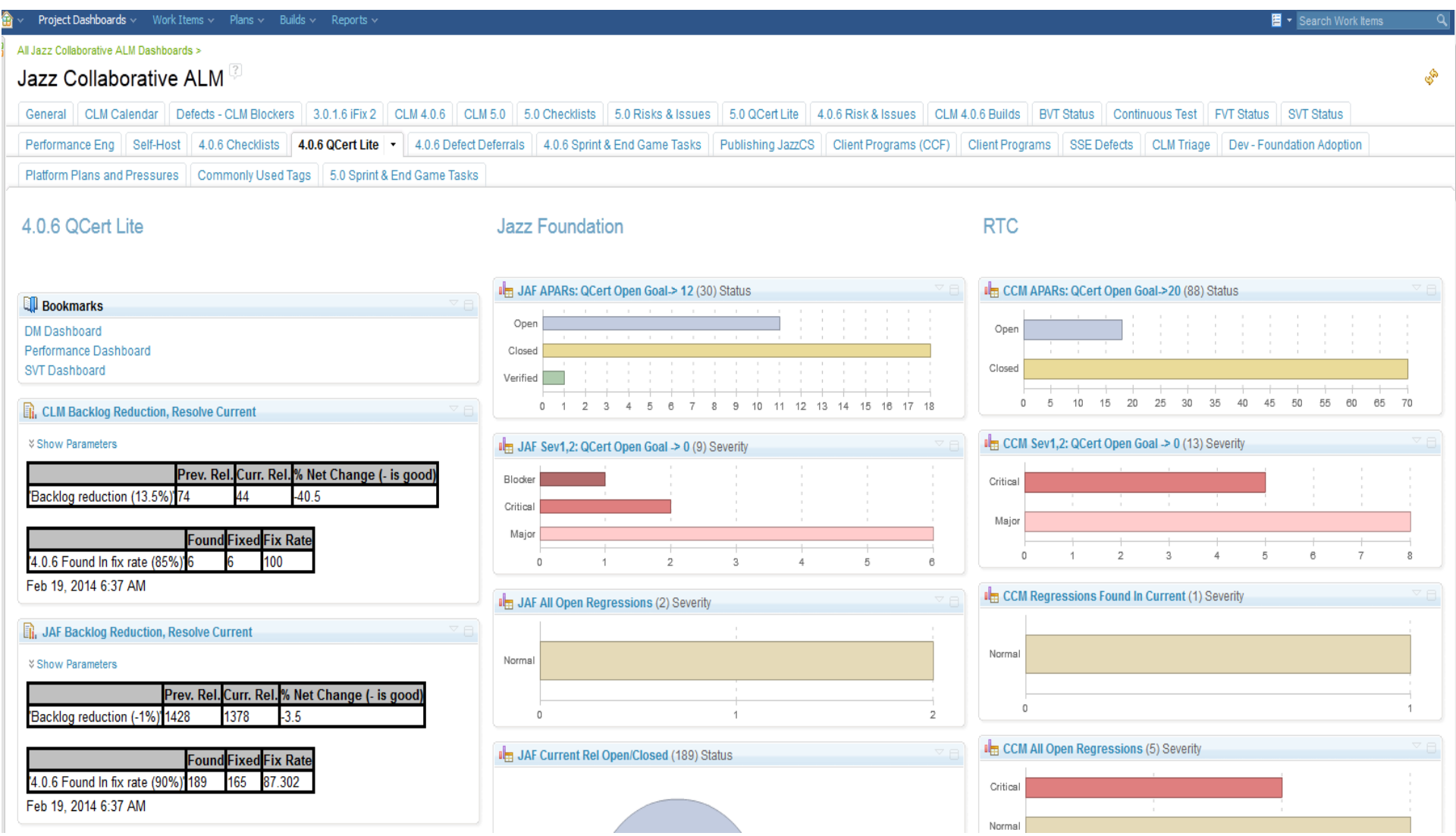
Members (268)

Showing 18 of 268 members.
See the [Project Area](#) to view all members.

Page 1 of 2

仪表盘 - 质量认证

- 质量认证仪表盘主要针对产品发布前的质量认证审计



4.0.6 QCert Lite

Jazz Foundation

RTC

Bookmarks

DM Dashboard

Performance Dashboard

SVT Dashboard

CLM Backlog Reduction, Resolve Current

Show Parameters

	Prev. Rel.	Curr. Rel.	% Net Change (- is good)
Backlog reduction (13.5%)	74	44	-40.5

	Found	Fixed	Fix Rate
4.0.6 Found In fix rate (85%)	6	6	100

Feb 19, 2014 6:37 AM

JAF Backlog Reduction, Resolve Current

Show Parameters

	Prev. Rel.	Curr. Rel.	% Net Change (- is good)
Backlog reduction (-1%)	1428	1378	-3.5

	Found	Fixed	Fix Rate
4.0.6 Found In fix rate (90%)	189	165	87.302

Feb 19, 2014 6:37 AM

JAF APARs: QCert Open Goal-> 12 (30) Status

JAF Sev1,2: QCert Open Goal-> 0 (9) Severity

JAF All Open Regressions (2) Severity

JAF Current Rel Open/Closed (189) Status

CCM APARs: QCert Open Goal->20 (88) Status

CCM Sev1,2: QCert Open Goal-> 0 (13) Severity

CCM Regressions Found In Current (1) Severity

CCM All Open Regressions (5) Severity

产品子团队仪表盘

Jazz Foundation

Kevin Gu

项目仪表盘 工作项 计划 构建 报告

搜索工作项

Process

General Process Health LPA SSO Run Team Team Wallboard Work Items Details Monitors - From Various Consumers Endgame Wallboard Meetings Cleanup

Team Structures

Team structures.

5.0 Feature Teams

LPA Refactoring for SSO

- Ming (Kevin) Gu
- Zhen Zhong (Forest) Huo

Delta Config UI and Merge (Bosch)

- TBD

RM Migration Support

- 5.0 Run Team

Run Team

The current members of the 4.0.6 and 5.0 run team are:

- Qing Wang
- Shu Chu

Run team responsibilities are here.

Team Members (4)

Chao Zhang

zchaocdl@cn.ibm.com

Jim Ruehlin

jruehlin@us.ibm.com

Kevin Gu

gumingbj@cn.ibm.com

Qiong Feng Huang

huangqf@cn.ibm.com

Builds and Automation Tests

Builds and Automation Tests

Builds - Process Team Build (17)

- 已完成 RJF-Process406-C20140122-1711
- 已完成 RJF-Process406-C20140122-0708
- 已完成 RJF-Process406-C20140120-0537
- 已完成 RJF-Process406-C20140120-0336
- 已完成 RJF-Process406-C20140114-1508
- 已完成 RJF-Process406-C20140113-1420
- 已完成 RJF-Process406-C20140110-2052
- 已完成 RJF-Process406-C20140110-1448
- 已完成 RJF-Process406-C20140107-0434
- 已完成 RJF-Process406-C20140102-0811

页面1 对于2

Builds - JAF Integration Build (6)

- 已完成 RJF-I20140130-1407
- 已完成 RJF-I20140117-1022
- 已完成 RJF-I20140113-1932
- 已完成 RJF-I20131219-1405
- 已完成 RJF-I20131121-1930
- 已完成 RJF-I20131120-1948

Automation

Automation status of QM test cases:

Process Web UI: 74% (26 of 35)

Process Authoring Web UI: 18% (2 of 11)

Process Other: 0% (0 of 29)

LPA: 0% (0 of 5)

Total: 33% (28 of 85) - As of 4.0.6

Workitems Summary

Workitems summary.

Open Assigned - Current Iteration (5) Owned By

Qiong Feng Huang

Kevin Gu

Untriaged Major Defects (0)

找不到工作项。

Unestimated Work (3)

- 313146: Document and describe how sample projects are created in LPA
- 312714: [LPA] Update UI links to information center for 5.0
- 312713: [Process] Update UI links to information center for 5.0

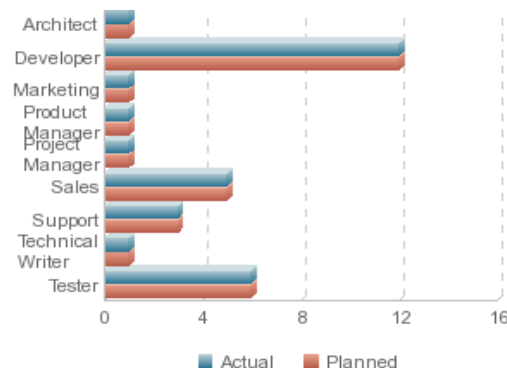
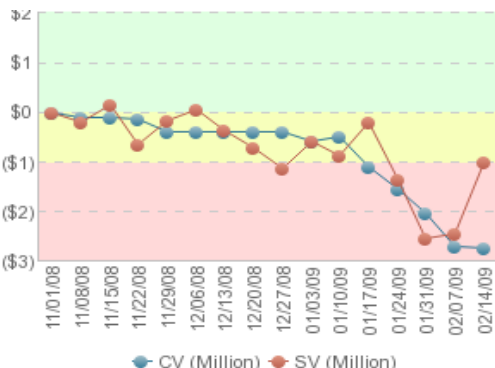
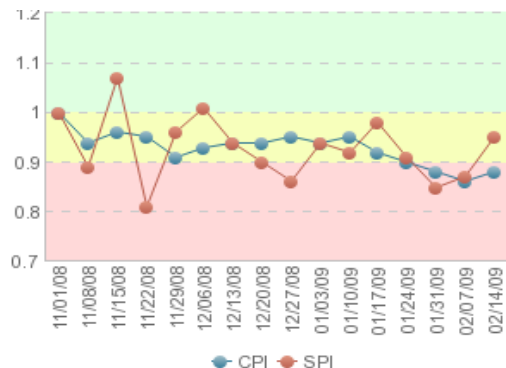
QCert Defects (152) Severity

Normal

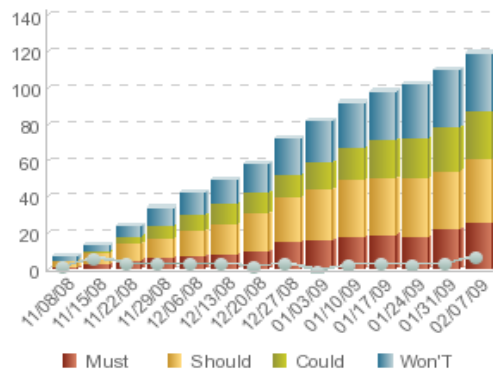
Minor

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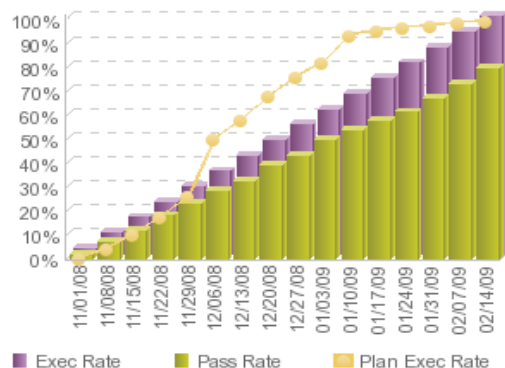
质量衡量指标实例



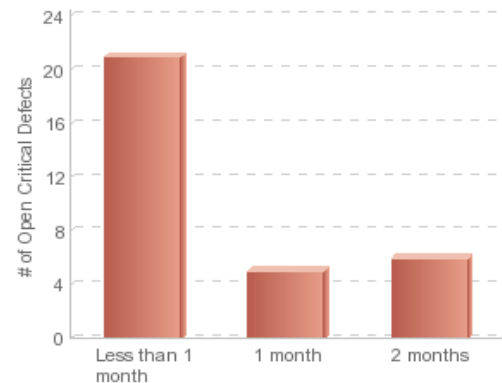
Requirements with no Test Case by Priority



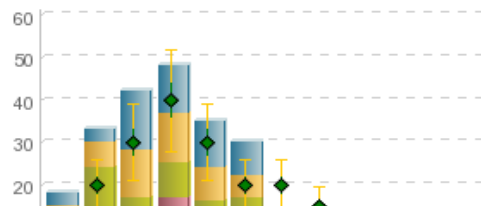
Test Execution Status



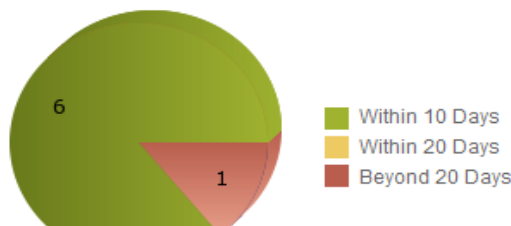
Open Critical Defects by Age



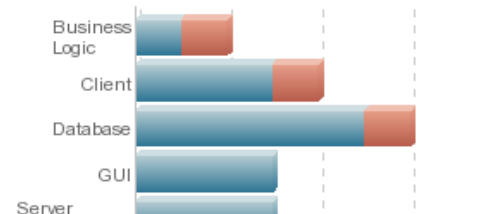
Post-Ship Defect Arrival by Severity - Actual vs.Planned



Post-Ship RFE Turnaround Time



Post-Ship Open Critical Defects by Component & State



- IBM软件交付转型历程记事
- Jazz团队的最佳实践分享
 - 团队的组织结构
 - 持续的规划
 - 敏捷的开发和测试
 - 持续的部署
 - 持续的监控
- **IBM DevOps Services和BlueMix**
- Q&A



IBM DevOps Services - 云端的RTC

JazzHub

Explore Projects

Learn

Get Help

Log In

Register

IBM dW

Click. Code. Create.

Everything you need to build great software.



Explore projects



Create a project



Public or private

Share your genius in free public projects, or keep it confidential with private projects.*

*Private projects free in 2013

Develop with freedom

Code in the cloud with tools you love... Eclipse, Visual Studio, the built-in JazzHub editor. You can even link to your GitHub repo.

Find your rhythm

Simple bug tracking or

Learn >>

<https://hub.jazz.net/>

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IBM DevOps Services和BlueMix的集成

IBM DevOps Services

MY STUFF EXPLORE KEVIN GU ▾ HELP ▾ dW

mincer | TumblingCloud

EDIT CODE TRACK & PLAN

GENERAL

OPTIONS

CHANGE OWNER

DELETE

☐ Private
If this is selected, only project members can access your project. Private projects are [free through June 2014](#).

☐ Add features for Scrum development (This option can only be added at project creation time.)
If this is selected, your project is using the scrum process. ⓘ

☒ **Deploy to BlueMix**
Select this if you want to deploy your application to the IBM BlueMix cloud platform. [Register for BlueMix](#) ⓘ

For now, automatic deployment requires a Git repository hosted at IBM DevOps Services (JazzHub). Support for Jazz SCM and GitHub is coming soon.

SAVE

Please enter your IBM id below to authorize deployment to BlueMix. Note that ids are case-sensitive. If you have not registered to use BlueMix, you can do so [here](#)

GU ▾ HELP ▾ dW

mincer | TumblingCloud

Root / mincer | TumblingCloud

EDIT CODE TRACK & PLAN

File Edit View Tools

mincer | TumblingCloud

project.json

DEPLOY IBM ID: Password: Submit

Jazz SCM

- 在云端开发和部署软件产品
- 利用浏览器Web IDE开发代码
- 将应用直接推送部署到IBM BlueMix云平台

QUESTIONS



www.ibm.com/software/rational

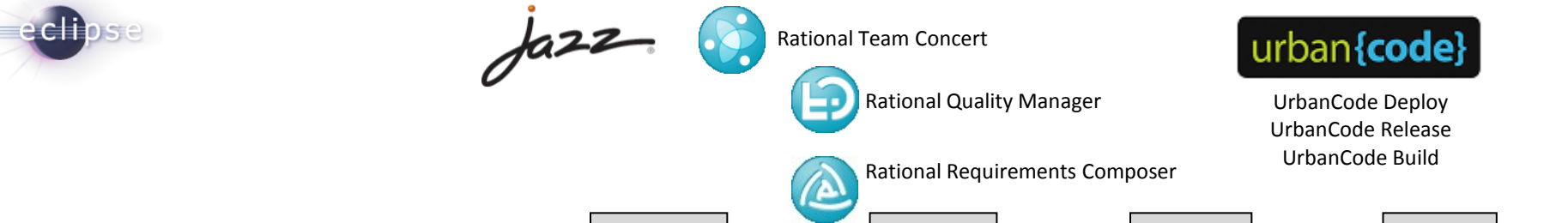
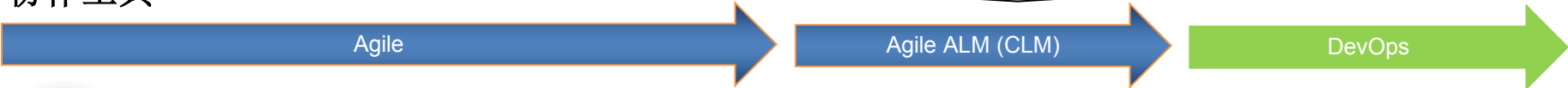
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加速CLM交付

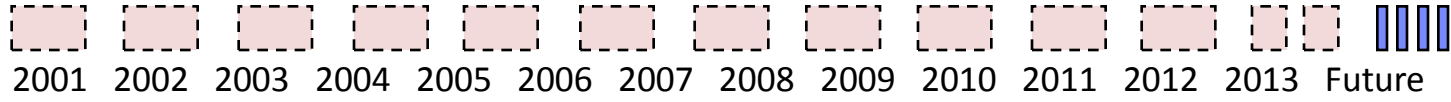
协作社区



协作工具



年度版本



CLM团队的当前目标

	目前	2013年第四季度	2014年上半年	长期目标
	计划/度量	开发/测试	发布/部署	监控/优化
度化	根据业务目标定义版本 度量客户价值	使用开发智能持续改进 持续测试	通过自动化管理环境 提供自服务构建、虚拟资源 供给和部署	自动化问题隔离和问题解决 持续优化
可靠	战略性地规划和溯源 使用仪表板展示度量指标	持续交付和持续集成 管理测试数据并虚拟化测试 服务	跨企业标准化和自动化 自动化基于模式的虚拟资源 供给和部署	优化应用 使用企业级的问题解决流程
可重复	目标关联到版本 度量到项目指标	交付和构建过程中进行测试 集中化的测试管理 关联生命周期信息	规划部门发布和自动化状态 使用标准拓扑结构进行自动 化部署	使用业务和用户上下文进行 监控 集中事件通知和事件处理
已实践	局部性地制定目标 管理部门资源	管理生命周期构件 定期执行SCM集成和和自动 化构建 同步测试	计划和管理发布 标准化的部署	持续监控资源 开发和运营部门非正式合作

https://jazz.net/jazz/web/projects/Jazz%20Collaborative%20ALM#action=com.ibm.team.dashboard.viewDashboard&team=Continuous%20Delivery&tab=_10