Waterfall или Agile

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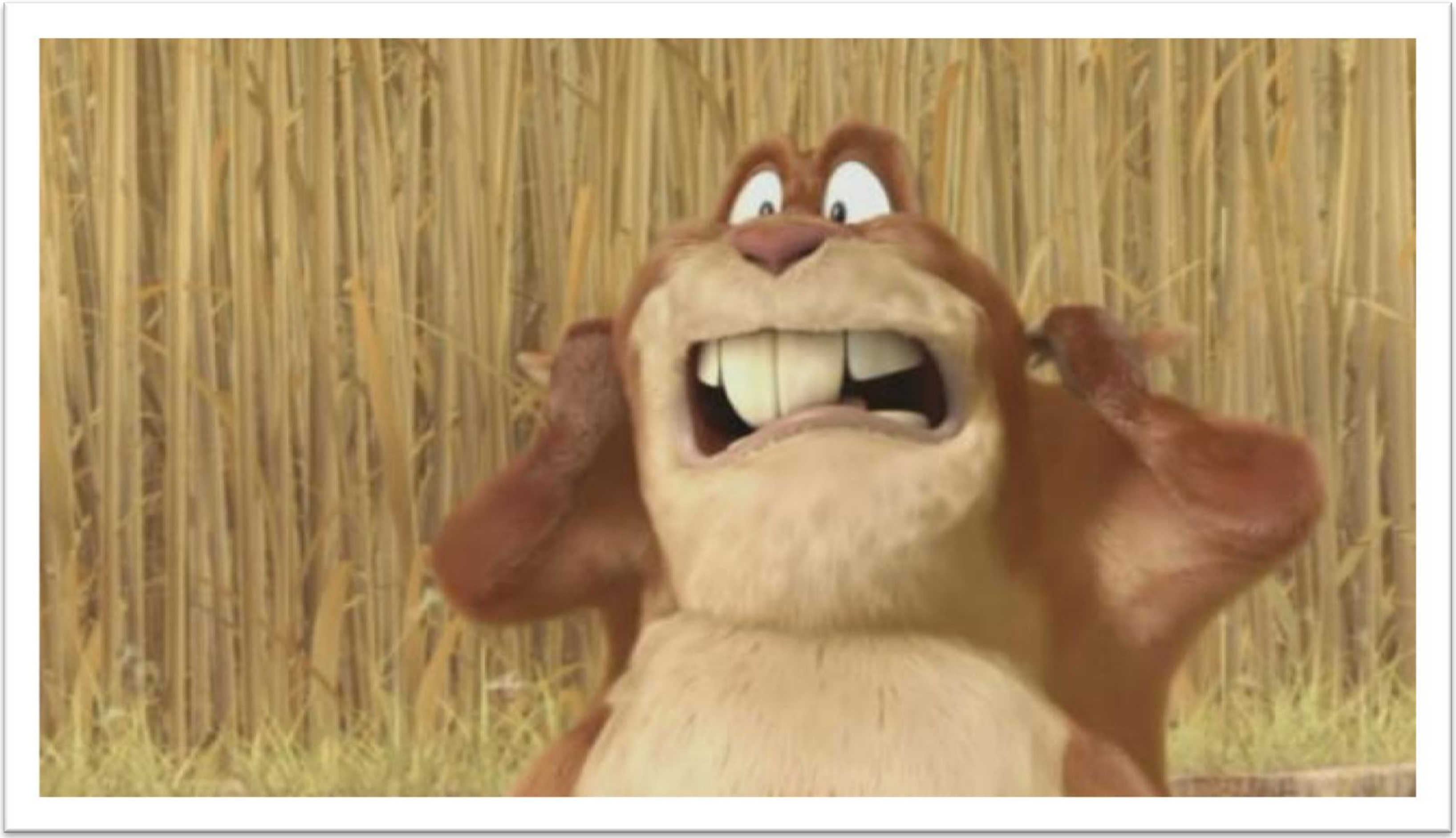
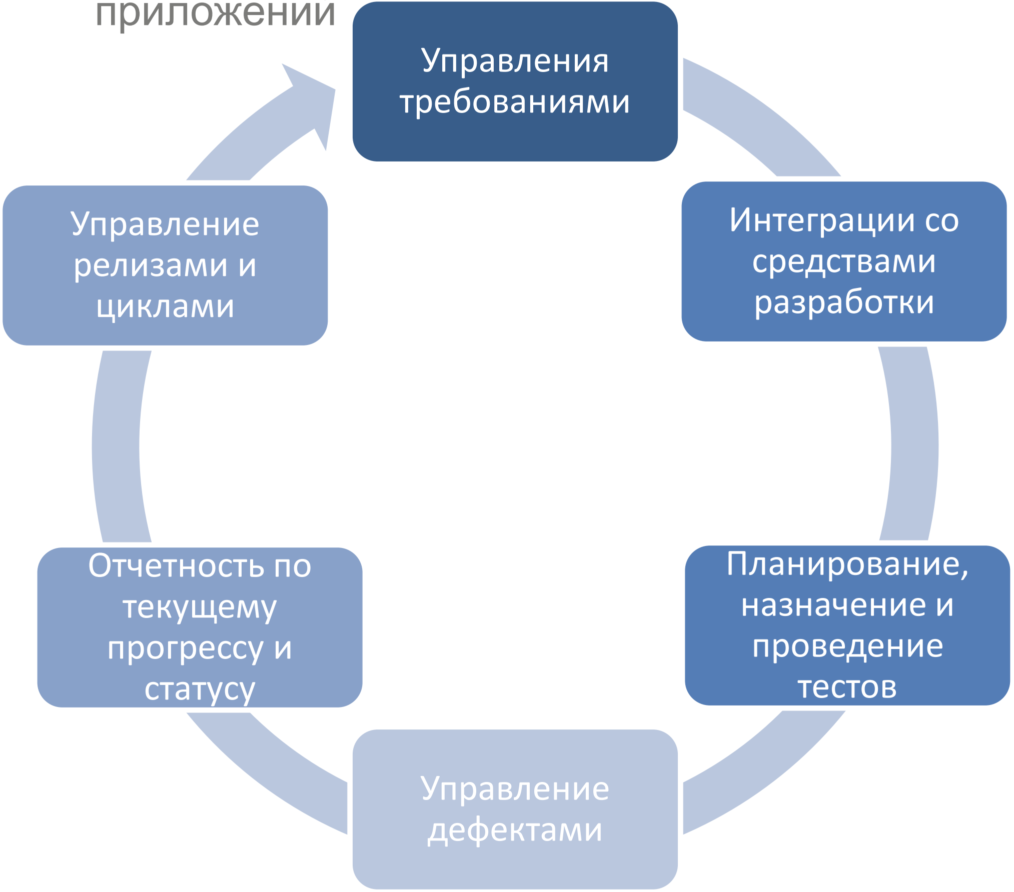
Чья доска круче

- Agile проект
- Waterfall
- Q&A



Ядро HP ALM (HP Quality Center)

Достижение оптимального результата в **бизнесе** с помощью качественных приложений



Управления требованиями

Интеграции со средствами разработки

Планирование, назначение и проведение тестов

Управление дефектами

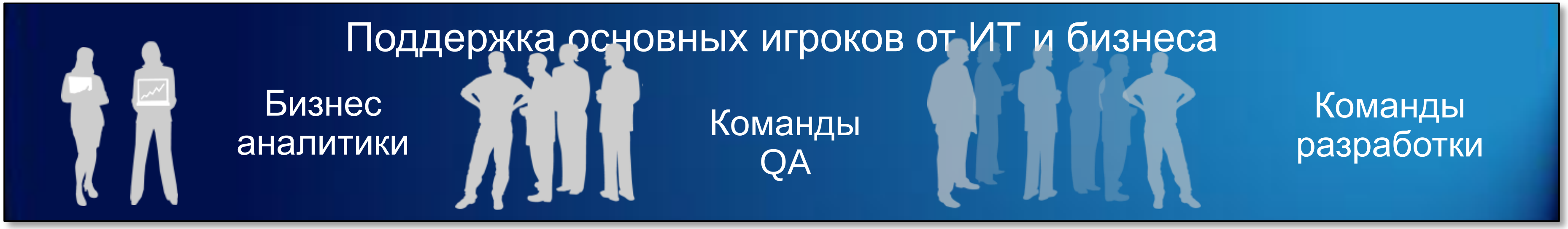
Отчетность по текущему прогрессу и статусу

Управление релизами и циклами

Активную роль играет взаимодействие и коммуникации между командами QA, разработчиками и бизнес аналитиками в рамках единой среды

Избежание реальных рисков простоя бизнес процессов на стадии тестирования и выявления дефектов в бизнес приложениях

Текущая отчетность позволяет документально оценить степень готовности релиза перед принятием решения о запуске в промышленную эксплуатацию



Поддержка основных игроков от ИТ и бизнеса

Бизнес аналитики

Команды QA

Команды разработки

Модели управления жизненным циклом ПО

- Каскадная
- Итерационная
- Спиральная
- V-Модель

Waterfall

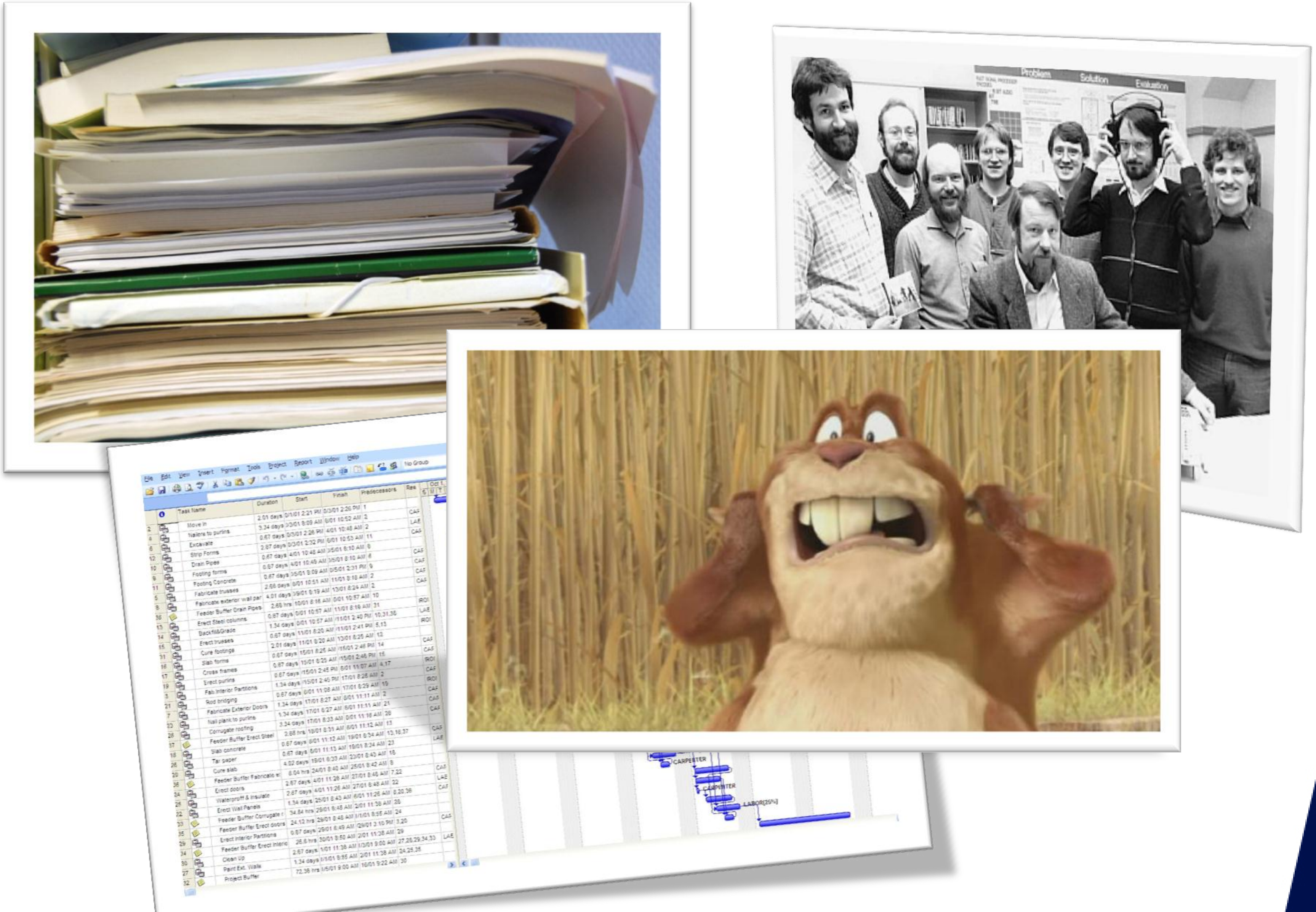
Проект

- Внедрение новой системы
- План 2 года
- Разработка 30 человек
- Тестирование 65

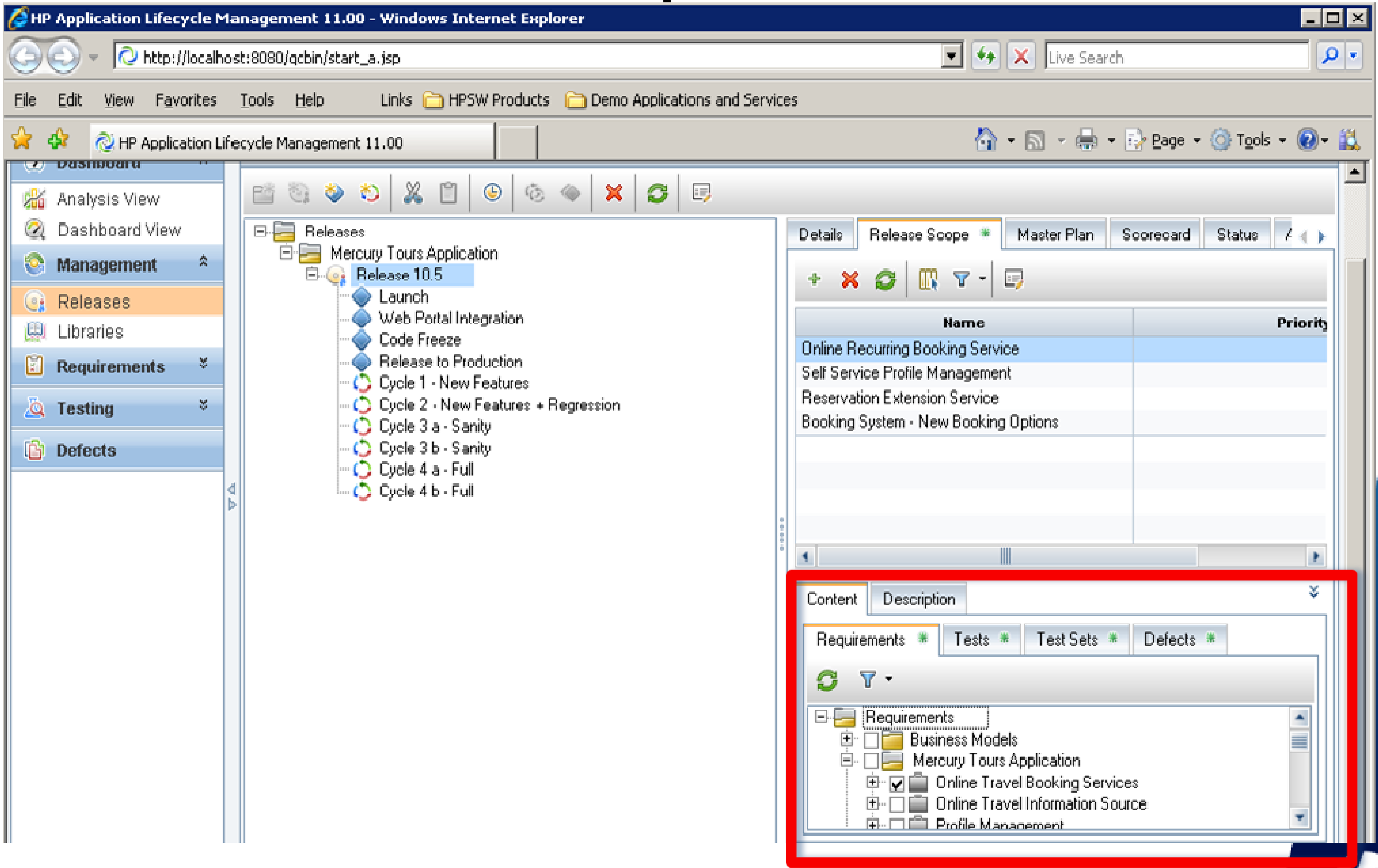
Роли

- IT Director
- Руководитель проекта
- Тест мэнеджер
- Дефект менеджер
- Бизнес аналитики
- Тест аналитики
- Тестировщики
- Разработчики

Планирование

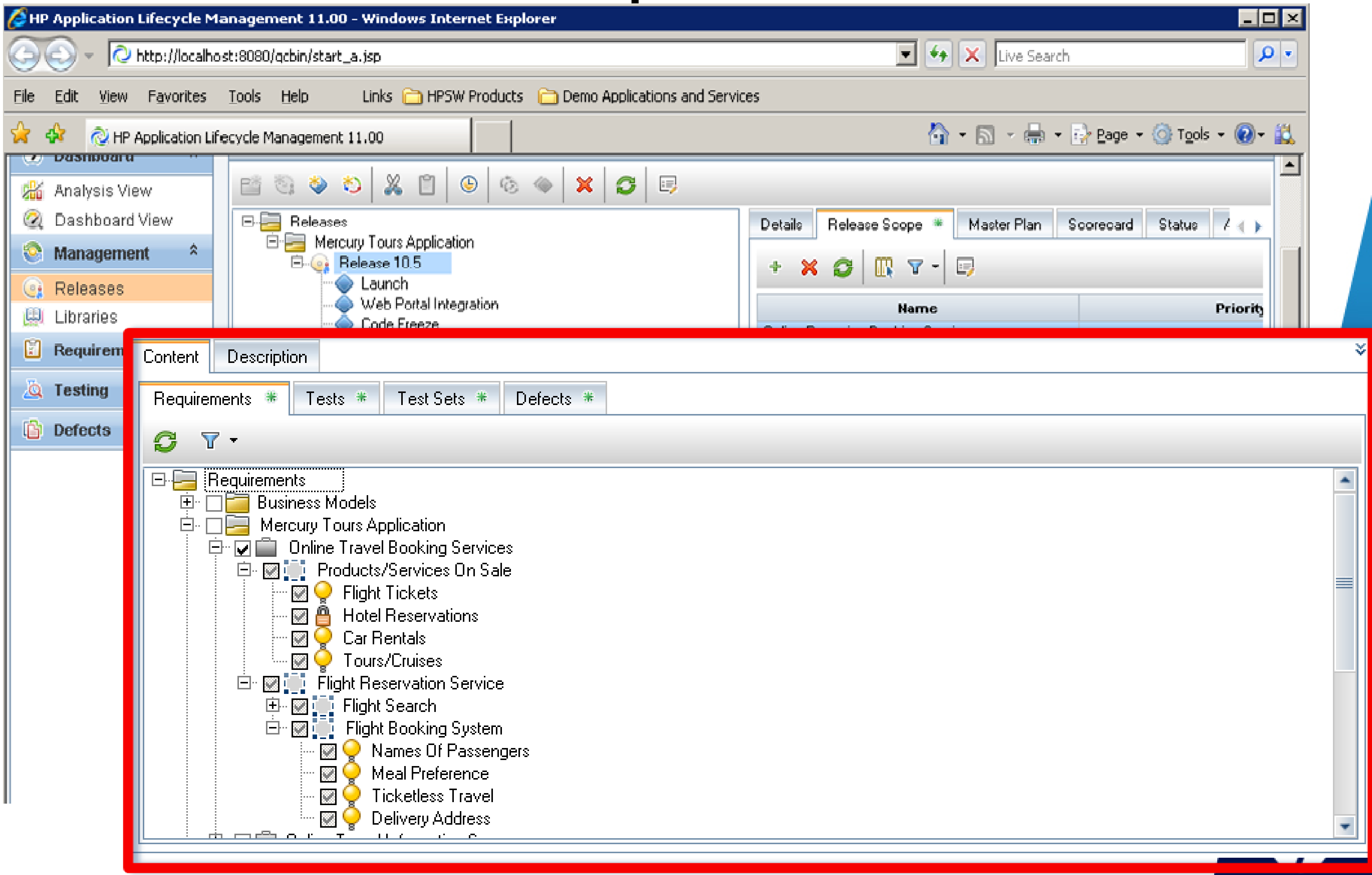


План релиза


HP Application Lifecycle Management 11.00 - Windows Internet Explorer
http://localhost:8080/qcbin/start_a.jsp
Live Search
File Edit View Favorites Tools Help
Links HPSW Products Demo Applications and Services
HP Application Lifecycle Management 11.00
Page Tools
Dashboard
Analysis View
Dashboard View
Management
Releases
Libraries
Requirements
Testing
Defects
Releases
Mercury Tours Application
Release 10.5
Launch
Web Portal Integration
Code Freeze
Release to Production
Cycle 1 - New Features
Cycle 2 - New Features + Regression
Cycle 3 a - Sanity
Cycle 3 b - Sanity
Cycle 4 a - Full
Cycle 4 b - Full
Details
Release Scope
Master Plan
Scorecard
Status
Content
Description
Requirements
Tests
Test Sets
Defects
Requirements
Business Models
Mercury Tours Application
Online Travel Booking Services
Online Travel Information Source
Profile Management

Name	Priority
Online Recurring Booking Service	
Self Service Profile Management	
Reservation Extension Service	
Booking System - New Booking Options	

План релиза


HP Application Lifecycle Management 11.00 - Windows Internet Explorer
http://localhost:8080/qcbin/start_a.jsp
Live Search
File
Edit
View
Favorites
Tools
Help
Links
HPSW Products
Demo Applications and Services
HP Application Lifecycle Management 11.00
Page
Tools
Dashboard
Analysis View
Dashboard View
Management
Releases
Libraries
Requirem
Testing
Defects
Details
Release Scope
Master Plan
Scorecard
Status
Name
Priority
Content
Description
Requirements
Tests
Test Sets
Defects

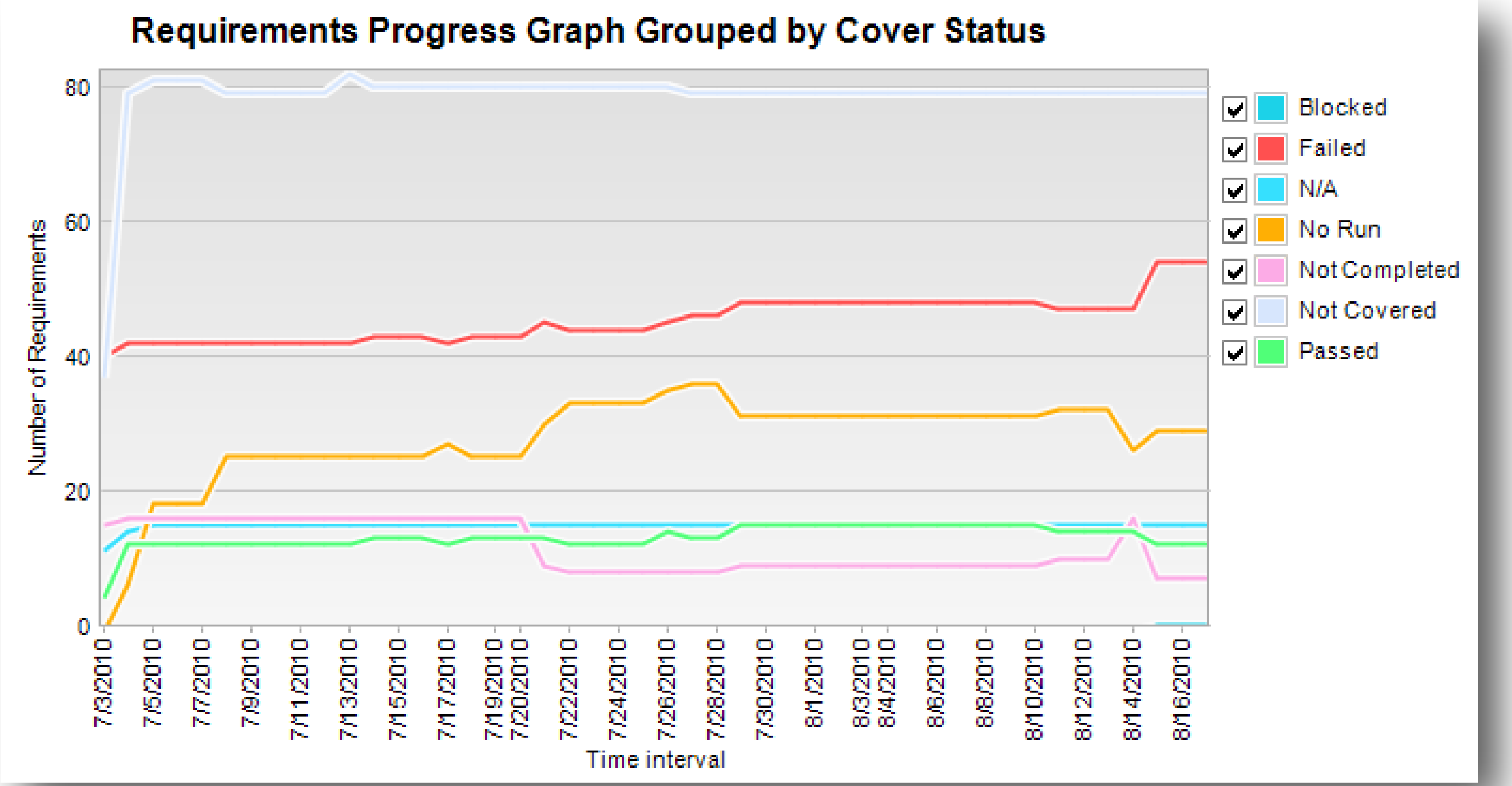
- Releases
  - Mercury Tours Application
    - Release 10.5
      - Launch
      - Web Portal Integration
      - Code Freeze

- Requirements
  - ☐ Business Models
  - ☐ Mercury Tours Application
    - ☑ Online Travel Booking Services
      - ☑ Products/Services On Sale
        - ☑ Flight Tickets
        - ☑ Hotel Reservations
        - ☑ Car Rentals
        - ☑ Tours/Cruises
      - ☑ Flight Reservation Service
        - ☑ Flight Search
        - ☑ Flight Booking System
          - ☑ Names Of Passengers
          - ☑ Meal Preference
          - ☑ Ticketless Travel
          - ☑ Delivery Address

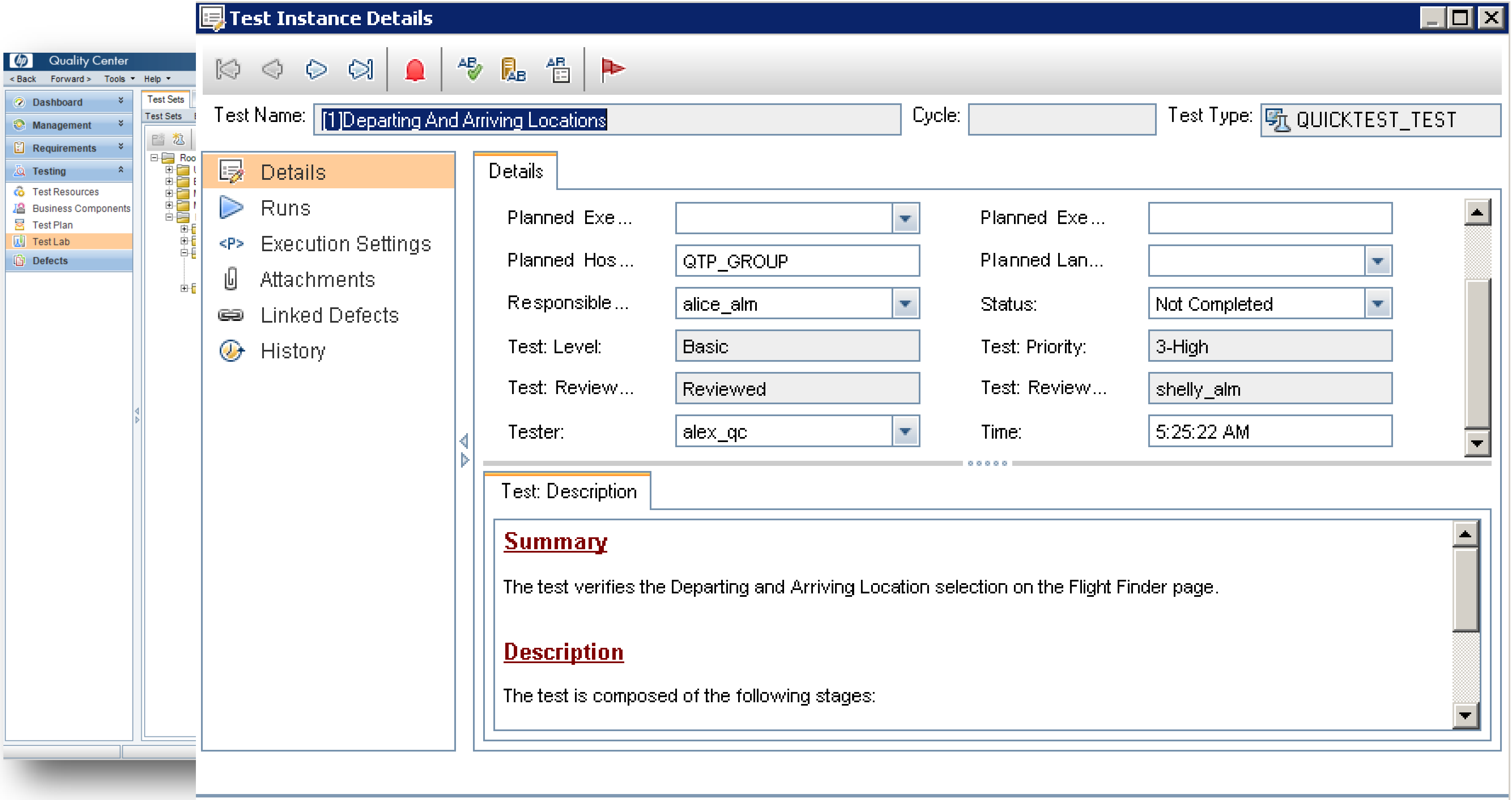
Как управлять

- Ежедневное отслеживание статусов проекта
- Еженедельный доклад IT директору
- Обзор статусов с проектной группой 2 раза в неделю

Отслеживание статусов требований



Назначение и управление тестами


Quality Center
< Back
Forward >
Tools
Help
Dashboard
Management
Requirements
Testing
Test Resources
Business Components
Test Plan
Test Lab
Defects
Test Sets
Test Instance Details
Details
Runs
Execution Settings
Attachments
Linked Defects
History
Test: Description
OK
Cancel
Help

Test Name: [1]Departing And Arriving Locations

Cycle:

Test Type: QUICKTEST_TEST

Planned Exe…:

Planned Exe…:

Planned Hos…: QTP_GROUP

Planned Lan…:

Responsible…: alice_alm

Status: Not Completed

Test: Level: Basic

Test: Priority: 3-High

Test: Review…: Reviewed

Test: Review…: shelly_alm

Tester: alex_qc

Time: 5:25:22 AM

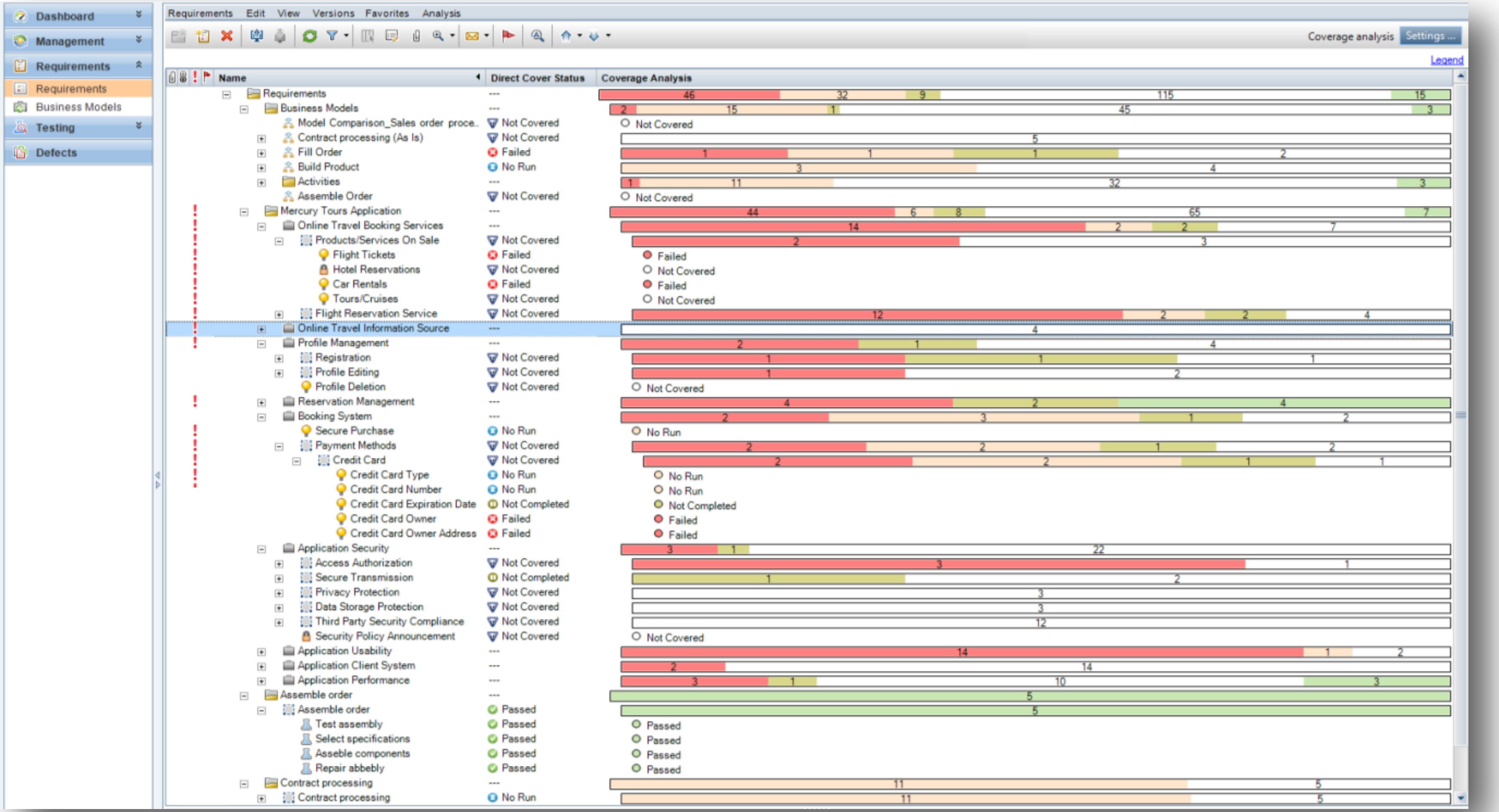
Summary

The test verifies the Departing and Arriving Location selection on the Flight Finder page.

Description

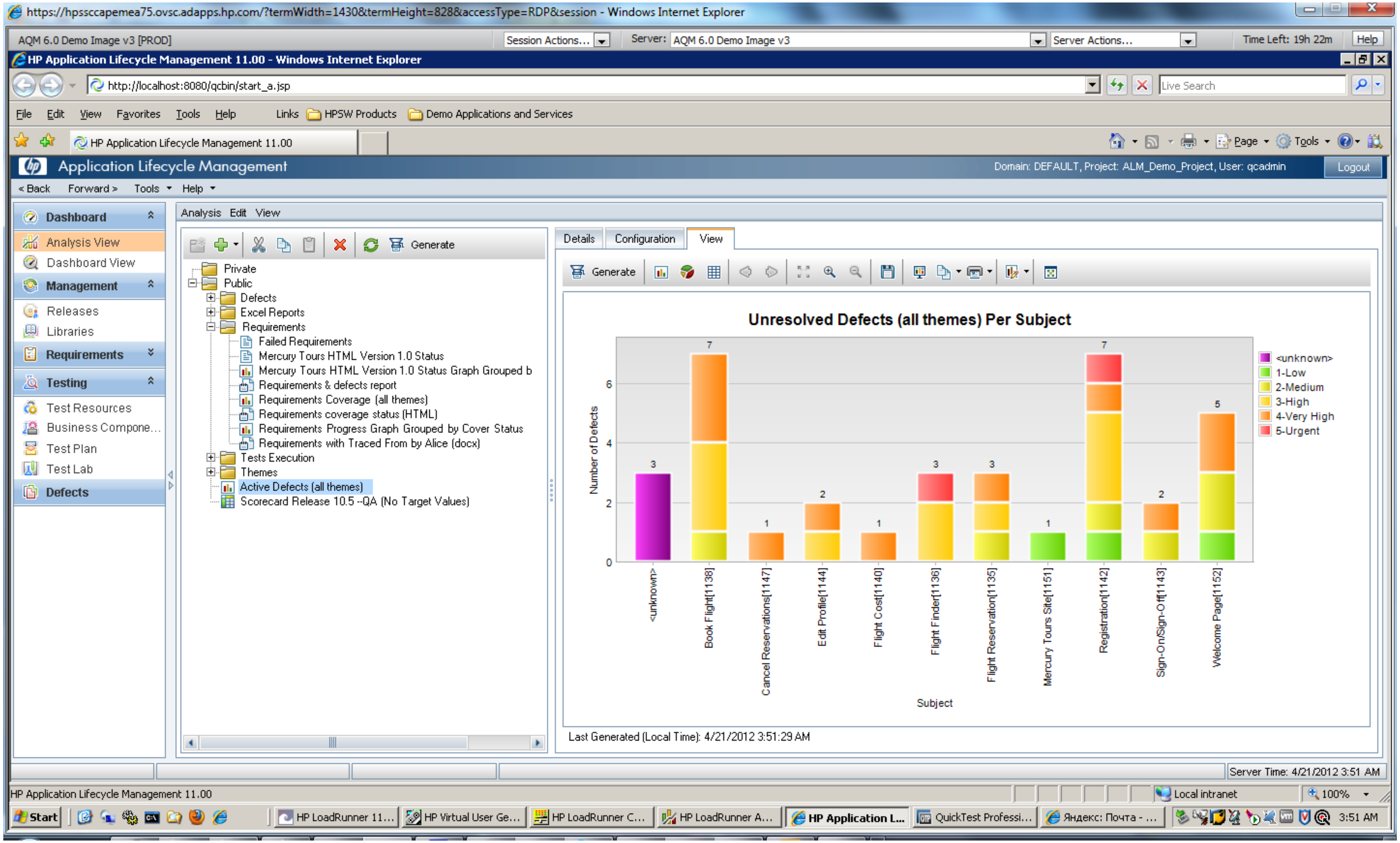
The test is composed of the following stages:

Назначени и управление работами

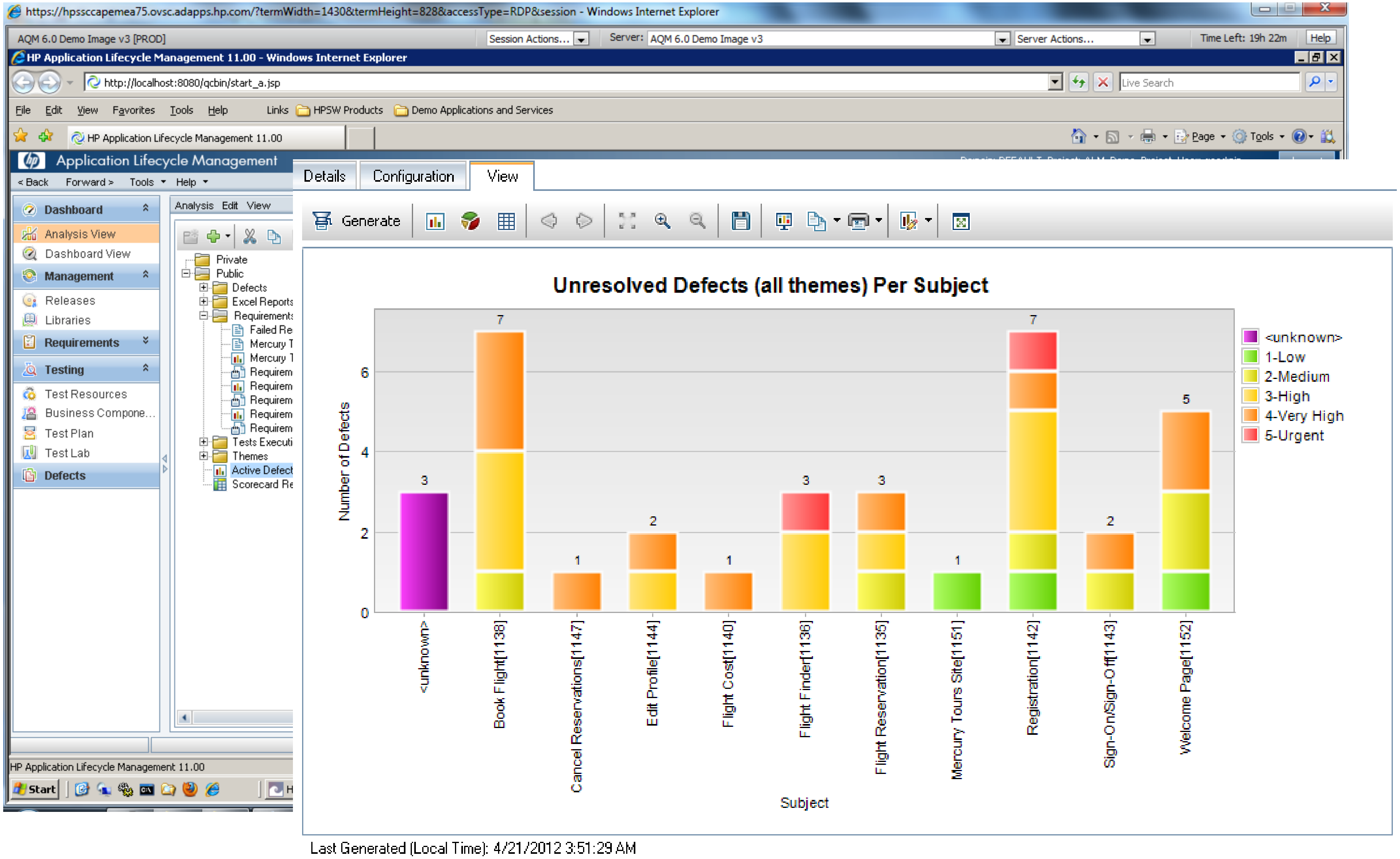


Name	Direct Cover Status	Coverage Analysis
Requirements	---	46 32 9 115 15
Business Models	---	2 15 1 45 3
Model Comparison_Sales order proce..	Not Covered	○ Not Covered
Contract processing (As Is)	Not Covered	5
Fill Order	Failed	1 1 1 2
Build Product	No Run	3 4
Activities	---	1 11 32 3
Assemble Order	Not Covered	○ Not Covered
Mercury Tours Application	---	44 6 8 65 7
Online Travel Booking Services	---	14 2 2 7
Products/Services On Sale	Not Covered	2 3
Flight Tickets	Failed	● Failed
Hotel Reservations	Not Covered	○ Not Covered
Car Rentals	Failed	● Failed
Tours/Cruises	Not Covered	○ Not Covered
Flight Reservation Service	Not Covered	12 2 2 4
Online Travel Information Source	---	4
Profile Management	---	2 1 4
Registration	Not Covered	1 1 1
Profile Editing	Not Covered	1 2
Profile Deletion	Not Covered	○ Not Covered
Reservation Management	---	4 2 4
Booking System	---	2 3 1 2
Secure Purchase	No Run	○ No Run
Payment Methods	Not Covered	2 2 1 2
Credit Card	Not Covered	2 2 1 1
Credit Card Type	No Run	○ No Run
Credit Card Number	No Run	○ No Run
Credit Card Expiration Date	Not Completed	○ Not Completed
Credit Card Owner	Failed	● Failed
Credit Card Owner Address	Failed	● Failed
Application Security	---	3 1 22
Access Authorization	Not Covered	3 1
Secure Transmission	Not Completed	1 2
Privacy Protection	Not Covered	3
Data Storage Protection	Not Covered	3
Third Party Security Compliance	Not Covered	12
Security Policy Announcement	Not Covered	○ Not Covered
Application Usability	---	14 1 2
Application Client System	---	2 14
Application Performance	---	3 1 10 3
Assemble order	---	5
Assemble order	Passed	5
Test assembly	Passed	○ Passed
Select specifications	Passed	○ Passed
Asseble components	Passed	○ Passed
Repair abbebly	Passed	○ Passed
Contract processing	---	11 5
Contract processing	No Run	11 5

Управление дефектами


https://hpssccapemea75.ovsc.adapps.hp.com/?termWidth=1430&termHeight=828&accessType=RDP&session - Windows Internet Explorer
AQM 6.0 Demo Image v3 [PROD]
Session Actions...
Server: AQM 6.0 Demo Image v3
Server Actions...
Time Left: 19h 22m
Help
HP Application Lifecycle Management 11.00 - Windows Internet Explorer
http://localhost:8080/qcbin/start_a.jsp
Live Search
File Edit View Favorites Tools Help Links HPSW Products Demo Applications and Services
HP Application Lifecycle Management 11.00
Page Tools
Application Lifecycle Management
Domain: DEFAULT, Project: ALM_Demo_Project, User: qcadmin
Logout
< Back Forward > Tools Help
Dashboard
Analysis View
Dashboard View
Management
Releases
Libraries
Requirements
Testing
Test Resources
Business Compone...
Test Plan
Test Lab
Defects
Analysis Edit View
Generate
Private
Public
Defects
Excel Reports
Requirements
Failed Requirements
Mercury Tours HTML Version 1.0 Status
Mercury Tours HTML Version 1.0 Status Graph Grouped b
Requirements & defects report
Requirements Coverage (all themes)
Requirements coverage status (HTML)
Requirements Progress Graph Grouped by Cover Status
Requirements with Traced From by Alice (docx)
Tests Execution
Themes
Active Defects (all themes)
Scorecard Release 10.5 --QA (No Target Values)
Details Configuration View
Generate
Unresolved Defects (all themes) Per Subject
Number of Defects
0
2
4
6
3
7
1
2
1
3
3
1
7
2
5
<unknown>
Book Flight[1138]
Cancel Reservations[1147]
Edit Profile[1144]
Flight Cost[1140]
Flight Finder[1136]
Flight Reservation[1135]
Mercury Tours Site[1151]
Registration[1142]
Sign-On/Sign-Off[1143]
Welcome Page[1152]
Subject
<unknown>
1-Low
2-Medium
3-High
4-Very High
5-Urgent
Last Generated (Local Time): 4/21/2012 3:51:29 AM
Server Time: 4/21/2012 3:51 AM
HP Application Lifecycle Management 11.00
Local intranet
100%
Start
HP LoadRunner 11...
HP Virtual User Ge...
HP LoadRunner C...
HP LoadRunner A...
HP Application L...
QuickTest Professi...
Яндекс: Почта - ...
3:51 AM

Управление дефектами

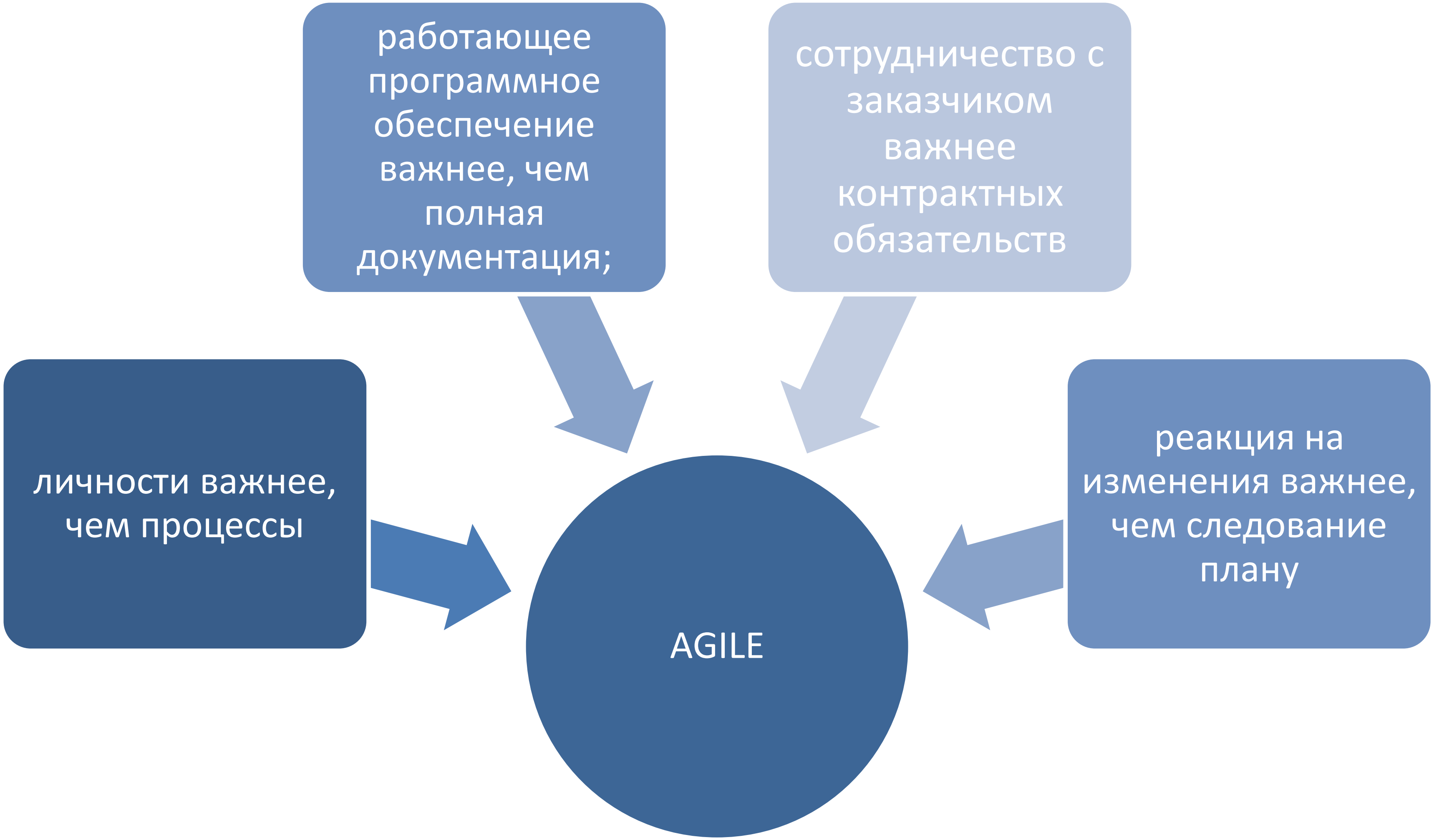

https://hpssccapemea75.ovsc.adapps.hp.com/?termWidth=1430&termHeight=828&accessType=RDP&session - Windows Internet Explorer
AQM 6.0 Demo Image v3 [PROD]
Session Actions...
Server: AQM 6.0 Demo Image v3
Server Actions...
Time Left: 19h 22m
Help
HP Application Lifecycle Management 11.00 - Windows Internet Explorer
http://localhost:8080/qcbin/start_a.jsp
Live Search
File Edit View Favorites Tools Help
Links HPSW Products Demo Applications and Services
HP Application Lifecycle Management 11.00
Page Tools
Application Lifecycle Management
< Back Forward > Tools Help
Dashboard
Analysis View
Dashboard View
Management
Releases
Libraries
Requirements
Testing
Test Resources
Business Compone...
Test Plan
Test Lab
Defects
Analysis Edit View
Private
Public
Defects
Excel Reports
Requirements
Failed Re
Mercury T
Mercury T
Requirem
Requirem
Requirem
Requirem
Requirem
Tests Executi
Themes
Active Defect
Scorecard Re
Details
Configuration
View
Generate
Unresolved Defects (all themes) Per Subject
Number of Defects
0
2
4
6
3
7
1
2
1
3
3
1
7
2
5
<unknown>
Book Flight[1138]
Cancel Reservations[1147]
Edit Profile[1144]
Flight Cost[1140]
Flight Finder[1136]
Flight Reservation[1135]
Mercury Tours Site[1151]
Registration[1142]
Sign-On/Sign-Off[1143]
Welcome Page[1152]
Subject
<unknown>
1-Low
2-Medium
3-High
4-Very High
5-Urgent
Last Generated (Local Time): 4/21/2012 3:51:29 AM
HP Application Lifecycle Management 11.00
Start

Факторы успеха

- ☐ Подбирать специалистов под определённые задачи
- ☐ Чётко ставить задачи
- ☐ Контроль за выполнением
- ☐ Прозрачность процесса и конечных целей для всех участиков процеса
- ☐ .....

ОТЧЁТНОСТЫ в HP ALM

AGILE



работающее программное обеспечение важнее, чем полная документация;

сотрудничество с заказчиком важнее контрактных обязательств

личности важнее, чем процессы

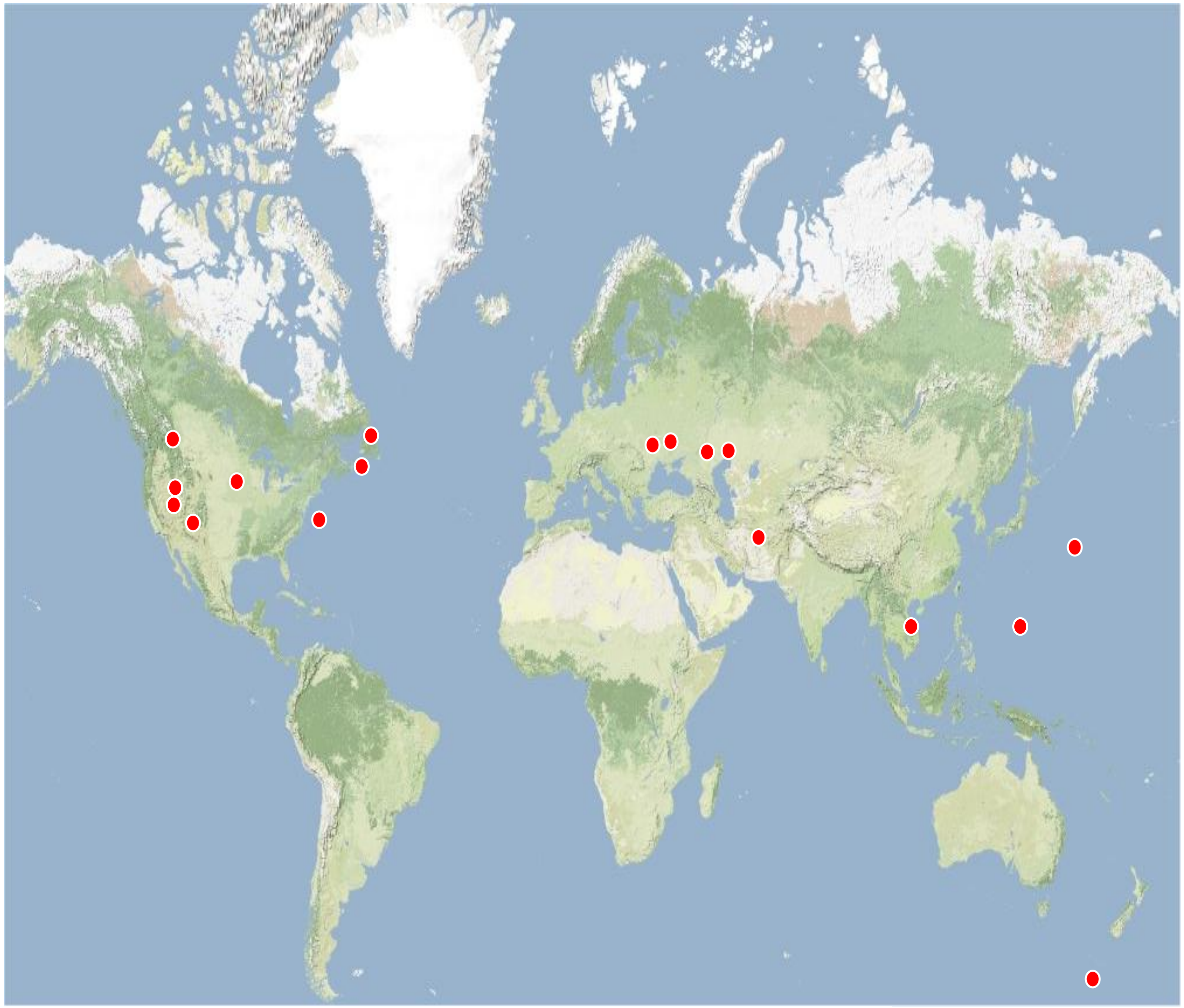
реакция на изменения важнее, чем следование плану

AGILE

Планирование

Sprint backlog
Design
Realise
Test
Done
41 points

HP Software Development



Software Type: Commercial of the Shelf Software (COTS)

> 250 продуктов

- Интернациональная команда
- Интеграции
- Мощные продукты
- Долгосрочные инициативы

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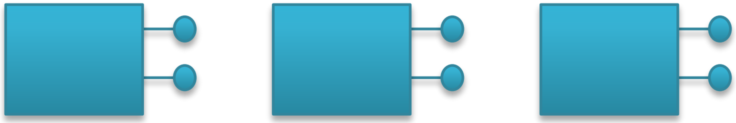
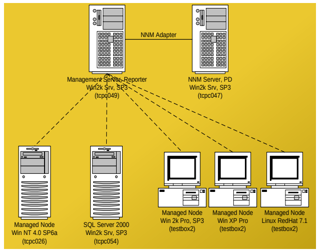
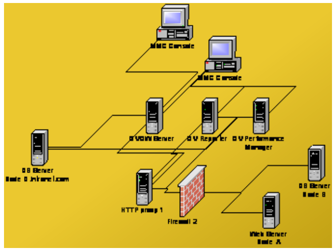
Уровни тестирования

Unit тестирования

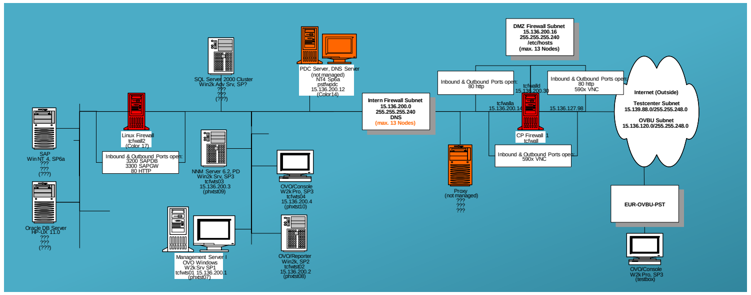


Компонентное


NNM Adapter
Management Server, Reporter
Win2k Srv, SP3
(tcpc049)
NNM Server, PD
Win2k Srv, SP3
(tcpc047)
Managed Node
Win NT 4.0 SP6a
(tcpc026)
SQL Server 2000
Win2k Srv, SP3
(tcpc054)
Managed Node
Win 2k Pro, SP3
(testbox2)
Managed Node
Win XP Pro
(testbox2)
Managed Node
Linux RedHat 7.1
(testbox2)

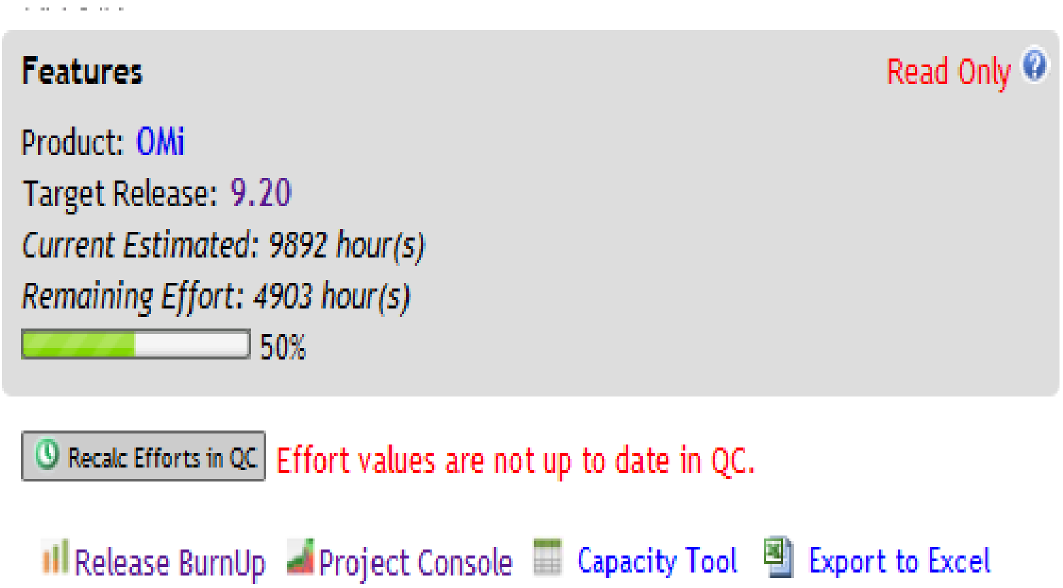

MMC Console
MMC Console
OVOW Server
OV Reporter
OV Performance Manager
DB Server
HTTP proxy 1
Firewall 2
DB Server
Node B
Web Server
Node A

Системное


SQL Server 2000 Cluster
Win2k Adv Srv, SP?
???
???
(???)
PDC Server, DNS Server
(not managed)
NT4 Sp6a
pstfwpdc
15.136.200.12
(Color14)
DMZ Firewall Subnet
15.136.200.16
255.255.255.240
/etc/hosts
(max. 13 Nodes)
Inbound & Outbound Ports open:
80 http
tcfwalld
15.136.200.30
Inbound & Outbound Ports open:
80 http
590x VNC
Internet (Outside)
Testcenter Subnet
15.139.88.0/255.255.248.0
OVBU Subnet
15.136.120.0/255.255.248.0
Intern Firewall Subnet
15.136.200.0
255.255.255.240
DNS
(max. 13 Nodes)
tcfwalla
15.136.200.14
15.136.127.98
CP Firewall 1
tcfwall
Inbound & Outbound Ports open:
590x VNC
SAP
Win NT 4, SP6a
???
???
(???)
Linux Firewall
tcfwall2
(Color 17)
Inbound & Outbound Ports open:
3200 SAPDB
3300 SAPGW
80 HTTP
NNM Server 6.2, PD
Win2k Srv, SP3
tcfwts03
15.136.200.3
(phxtst09)
OVO/Console
W2k Pro, SP3
tcfwts04
15.136.200.4
(phxtst10)
Proxy
(not managed)
???
???
???
EUR-OVBU-PST
Oracle DB Server
HP-UX 11.0
???
???
(???)
Management Server I
OVO Windows
W2k Srv SP1
tcfwts01 15.136.200.1
(phxtst07)
OVO/Reporter
Win2k, SP2
tcfwts02
15.136.200.2
(phxtst08)
OVO/Console
W2k Pro, SP3
(testbox)

Приёмочное

Agile Accelerator



Features

Read Only

Product: OMi

Target Release: 9.20

Current Estimated: 9892 hour(s)

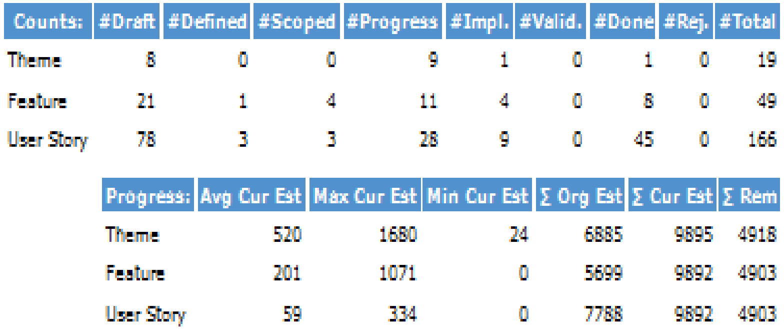
Remaining Effort: 4903 hour(s)

50%

Recalc Efforts in QC

Effort values are not up to date in QC.

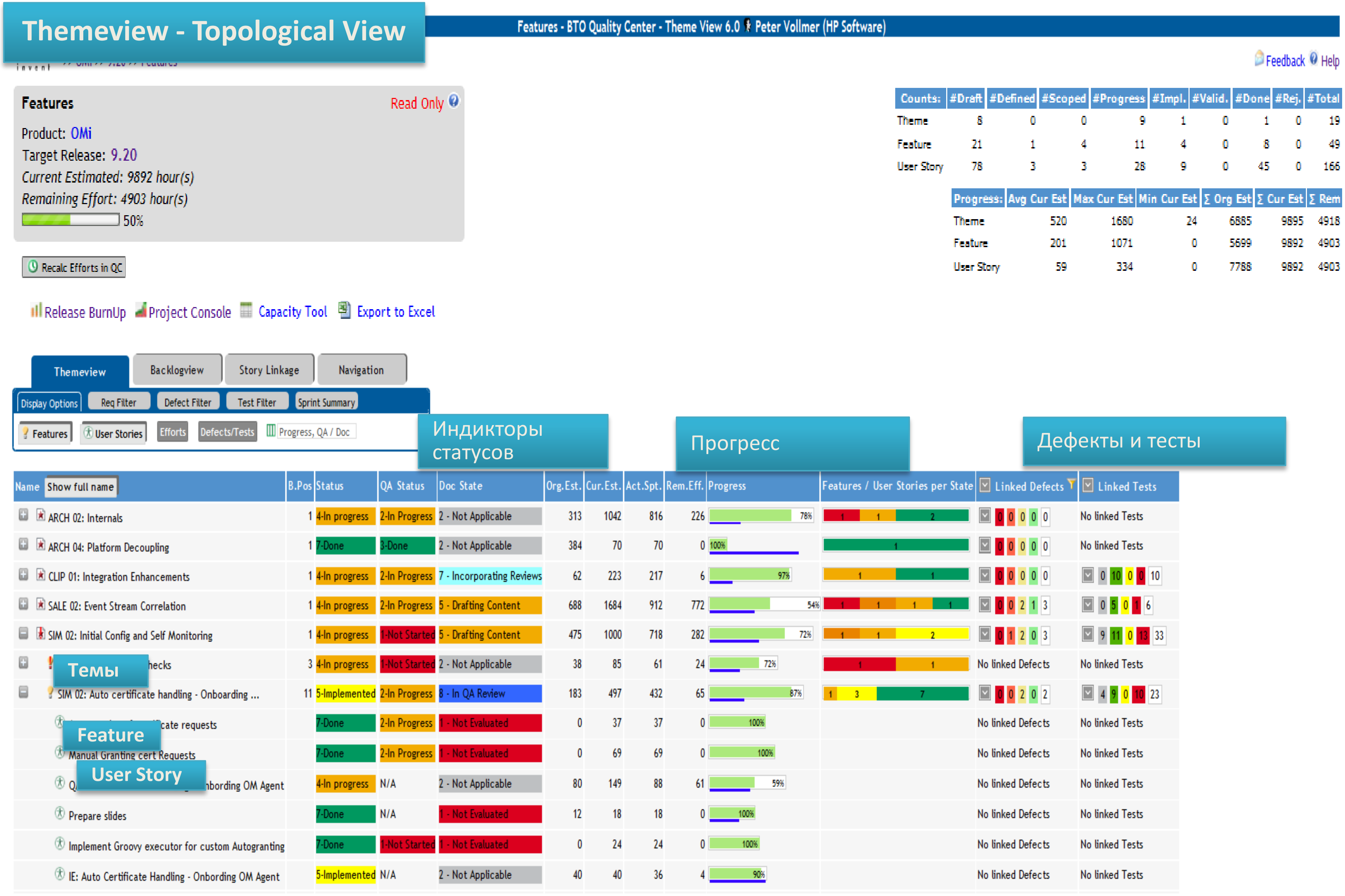
Release BurnUp
Project Console
Capacity Tool
Export to Excel



Counts:	#Draft	#Defined	#Scoped	#Progress	#Impl.	#Valid.	#Done	#Rej.	#Total
Theme	8	0	0	9	1	0	1	0	19
Feature	21	1	4	11	4	0	8	0	49
User Story	78	3	3	28	9	0	45	0	166

Progress:	Avg Cur Est	Max Cur Est	Min Cur Est	∑ Org Est	∑ Cur Est	∑ Rem
Theme	520	1680	24	6885	9895	4918
Feature	201	1071	0	5699	9892	4903
User Story	59	334	0	7788	9892	4903

Themeview - Topological View



Features - BTO Quality Center - Theme View 6.0 Peter Vollmer (HP Software)

Feedback
Help

Features Read Only

Product: OMi
Target Release: 9.20
Current Estimated: 9892 hour(s)
Remaining Effort: 4903 hour(s)
50%

Recalc Efforts in QC
Release BurnUp
Project Console
Capacity Tool
Export to Excel
Themeview
Backlogview
Story Linkage
Navigation
Display Options
Req Filter
Defect Filter
Test Filter
Sprint Summary
Features
User Stories
Efforts
Defects/Tests
Progress, QA / Doc

Counts:	#Draft	#Defined	#Scoped	#Progress	#Impl.	#Valid.	#Done	#Rej.	#Total
Theme	8	0	0	9	1	0	1	0	19
Feature	21	1	4	11	4	0	8	0	49
User Story	78	3	3	28	9	0	45	0	166

Progress:	Avg Cur Est	Max Cur Est	Min Cur Est	∑ Org Est	∑ Cur Est	∑ Rem
Theme	520	1680	24	6885	9895	4918
Feature	201	1071	0	5699	9892	4903
User Story	59	334	0	7788	9892	4903

Name Show full name	B.Pos	Status	QA Status	Doc State	Org.Est.	Cur.Est.	Act.Spt.	Rem.Eff.	Progress	Features / User Stories per State	Linked Defects	Linked Tests
ARCH 02: Internals	1	4-In progress	2-In Progress	2 - Not Applicable	313	1042	816	226	78%	1 1 2	0 0 0 0 0	No linked Tests
ARCH 04: Platform Decoupling	1	7-Done	3-Done	2 - Not Applicable	384	70	70	0	100%	1	0 0 0 0 0	No linked Tests
CLIP 01: Integration Enhancements	1	4-In progress	2-In Progress	7 - Incorporating Reviews	62	223	217	6	97%	1 1	0 0 0 0 0	0 10 0 0 10
SALE 02: Event Stream Correlation	1	4-In progress	2-In Progress	5 - Drafting Content	688	1684	912	772	54%	1 1 1 1	0 0 2 1 3	0 5 0 1 6
SIM 02: Initial Config and Self Monitoring	1	4-In progress	1-Not Started	5 - Drafting Content	475	1000	718	282	72%	1 1 2	0 1 2 0 3	9 11 0 13 33
hecks	3	4-In progress	1-Not Started	2 - Not Applicable	38	85	61	24	72%	1 1	No linked Defects	No linked Tests
SIM 02: Auto certificate handling - Onboarding ...	11	5-Implemented	2-In Progress	8 - In QA Review	183	497	432	65	87%	1 3 7	0 0 2 0 2	4 9 0 10 23
cate requests		7-Done	2-In Progress	1 - Not Evaluated	0	37	37	0	100%		No linked Defects	No linked Tests
Manual Granting cert Requests		7-Done	2-In Progress	1 - Not Evaluated	0	69	69	0	100%		No linked Defects	No linked Tests
Q nbording OM Agent		4-In progress	N/A	2 - Not Applicable	80	149	88	61	59%		No linked Defects	No linked Tests
Prepare slides		7-Done	N/A	1 - Not Evaluated	12	18	18	0	100%		No linked Defects	No linked Tests
Implement Groovy executor for custom Autogranting		7-Done	1-Not Started	1 - Not Evaluated	0	24	24	0	100%		No linked Defects	No linked Tests
IE: Auto Certificate Handling - Onbording OM Agent		5-Implemented	N/A	2 - Not Applicable	40	40	36	4	90%		No linked Defects	No linked Tests

Индикторы статусов

Прогресс

Дефекты и тесты

Темы

Feature

User Story

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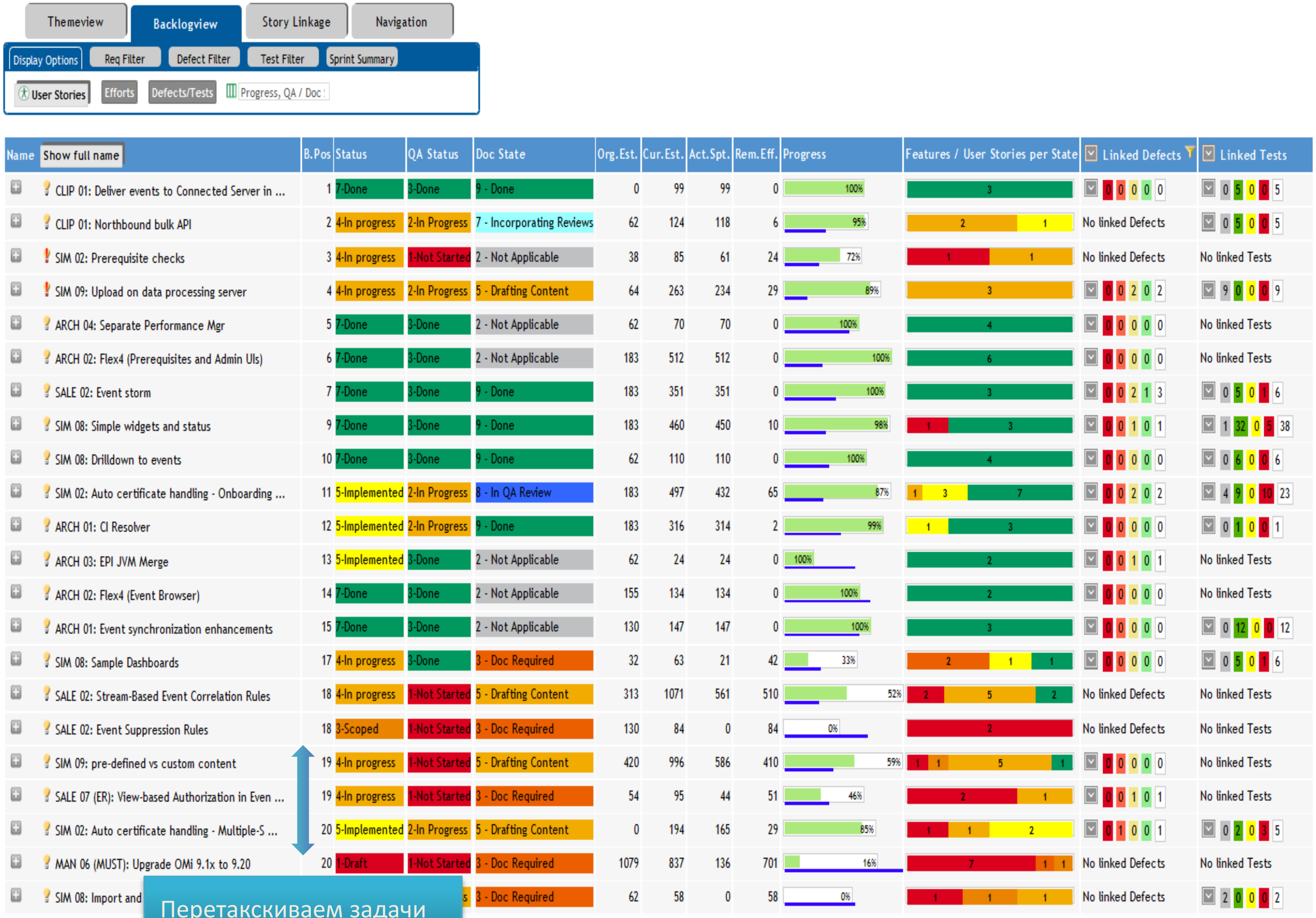
Themeview – Feature Backlog View



Name	B.Pos	Status	QA Status	Doc State	Org.Est.	Cur.Est.	Act.Spt.	Rem.Eff.	Progress	Features / User Stories per State	Linked Defects	Linked Tests
CLIP 01: Deliver events to Connected Server in ...	1	7-Done	3-Done	9 - Done	0	99	99	0	100%	3	0 0 0 0 0	0 5 0 0 5
CLIP 01: Northbound bulk API	2	4-In progress	2-In Progress	7 - Incorporating Reviews	62	124	118	6	95%	2 1	No linked Defects	0 5 0 0 5
SIM 02: Prerequisite checks	3	4-In progress	1-Not Started	2 - Not Applicable	38	85	61	24	72%	1 1	No linked Defects	No linked Tests
SIM 09: Upload on data processing server	4	4-In progress	2-In Progress	5 - Drafting Content	64	263	234	29	89%	3	0 0 2 0 2	9 0 0 0 9
ARCH 04: Separate Performance Mgr	5	7-Done	3-Done	2 - Not Applicable	62	70	70	0	100%	4	0 0 0 0 0	No linked Tests
ARCH 02: Flex4 (Prerequisites and Admin UIs)	6	7-Done	3-Done	2 - Not Applicable	183	512	512	0	100%	6	0 0 0 0 0	No linked Tests
SALE 02: Event storm	7	7-Done	3-Done	9 - Done	183	351	351	0	100%	3	0 0 2 1 3	0 5 0 1 6
SIM 08: Simple widgets and status	9	7-Done	3-Done	9 - Done	183	460	450	10	98%	1 3	0 0 1 0 1	1 32 0 5 38
SIM 08: Drilldown to events	10	7-Done	3-Done	9 - Done	62	110	110	0	100%	4	0 0 0 0 0	0 6 0 0 6
SIM 02: Auto certificate handling - Onboarding ...	11	5-Implemented	2-In Progress	8 - In QA Review	183	497	432	65	87%	1 3 7	0 0 2 0 2	4 9 0 10 23
ARCH 01: CI Resolver	12	5-Implemented	2-In Progress	9 - Done	183	316	314	2	99%	1 3	0 0 0 0 0	0 1 0 0 1
ARCH 03: EPI JVM Merge	13	5-Implemented	3-Done	2 - Not Applicable	62	24	24	0	100%	2	0 0 1 0 1	No linked Tests
ARCH 02: Flex4 (Event Browser)	14	7-Done	3-Done	2 - Not Applicable	155	134	134	0	100%	2	0 0 0 0 0	No linked Tests
ARCH 01: Event synchronization enhancements	15	7-Done	3-Done	2 - Not Applicable	130	147	147	0	100%	3	0 0 0 0 0	0 12 0 0 12
SIM 08: Sample Dashboards	17	4-In progress	3-Done	3 - Doc Required	32	63	21	42	33%	2 1 1	0 0 0 0 0	0 5 0 1 6
SALE 02: Stream-Based Event Correlation Rules	18	4-In progress	1-Not Started	5 - Drafting Content	313	1071	561	510	52%	2 5 2	No linked Defects	No linked Tests
SALE 02: Event Suppression Rules	18	3-Scoped	1-Not Started	3 - Doc Required	130	84	0	84	0%	2	No linked Defects	No linked Tests
SIM 09: pre-defined vs custom content	19	4-In progress	1-Not Started	5 - Drafting Content	420	996	586	410	59%	1 1 5 1	0 0 0 0 0	No linked Tests
SALE 07 (ER): View-based Authorization in Even ...	19	4-In progress	1-Not Started	3 - Doc Required	54	95	44	51	46%	2 1	0 0 1 0 1	No linked Tests
SIM 02: Auto certificate handling - Multiple-S ...	20	5-Implemented	2-In Progress	5 - Drafting Content	0	194	165	29	85%	1 1 2	0 1 0 0 1	0 2 0 3 5
MAN 06 (MUST): Upgrade OMi 9.1x to 9.20	20	1-Draft	1-Not Started	3 - Doc Required	1079	837	136	701	16%	7 1 1	No linked Defects	No linked Tests
SIM 08: Import and				3 - Doc Required	62	58	0	58	0%	1 1 1	No linked Defects	2 0 0 0 2

Перетаскиваем задачи

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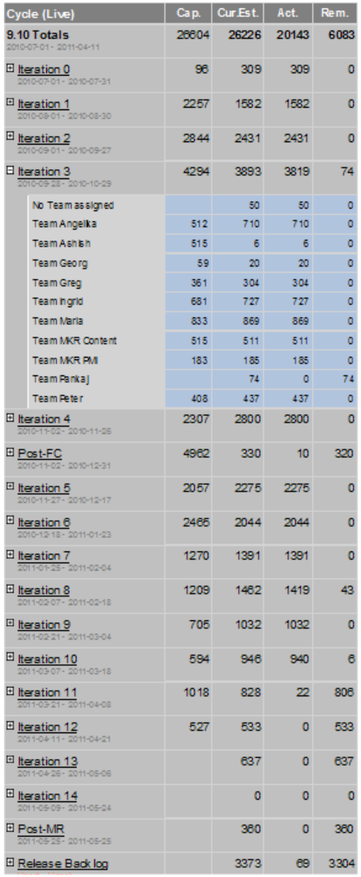
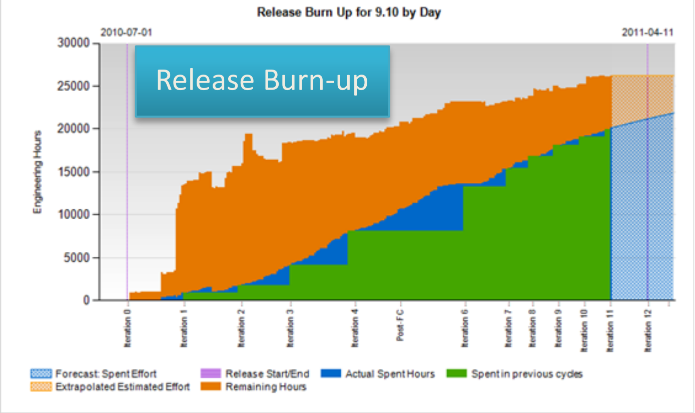
Отчётность метрики



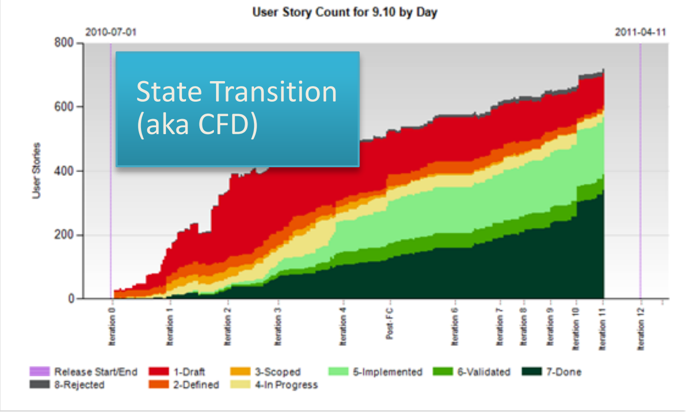
Cycle (Live)	Cap.	Cur.Est.	Act.	Rem.
9.10 Totals 2010-07-01 - 2011-04-11	26604	26226	20143	6083
⊞ Iteration 0 2010-07-01 - 2010-07-31	96	309	309	0
⊞ Iteration 1 2010-08-01 - 2010-08-30	2257	1582	1582	0
⊞ Iteration 2 2010-09-01 - 2010-09-27	2844	2431	2431	0
⊟ Iteration 3 2010-09-28 - 2010-10-29	4294	3893	3819	74
No Team assigned		50	50	0
Team Angelika	512	710	710	0
Team Ashish	515	6	6	0
Team Georg	59	20	20	0
Team Greg	361	304	304	0
Team Ingrid	681	727	727	0
Team Maria	833	869	869	0
Team MKR Content	515	511	511	0
Team MKR PMI	183	185	185	0
Team Pankaj		74	0	74
Team Peter	408	437	437	0
⊞ Iteration 4 2010-11-02 - 2010-11-26	2307	2800	2800	0
⊞ Post-FC 2010-11-02 - 2010-12-31	4962	330	10	320
⊞ Iteration 5 2010-11-27 - 2010-12-17	2057	2275	2275	0
⊞ Iteration 6 2010-12-18 - 2011-01-23	2465	2044	2044	0
⊞ Iteration 7 2011-01-25 - 2011-02-04	1270	1391	1391	0
⊞ Iteration 8 2011-02-07 - 2011-02-18	1209	1462	1419	43
⊞ Iteration 9 2011-02-21 - 2011-03-04	705	1032	1032	0
⊞ Iteration 10 2011-03-07 - 2011-03-18	594	946	940	6
⊞ Iteration 11 2011-03-21 - 2011-04-08	1018	828	22	806
⊞ Iteration 12 2011-04-11 - 2011-04-21	527	533	0	533
⊞ Iteration 13 2011-04-26 - 2011-05-06		637	0	637
⊞ Iteration 14 2011-05-09 - 2011-05-24		0	0	0
⊞ Post-MR 2011-05-25 - 2011-05-25		360	0	360
⊞ Release Back log		3373	69	3304

QC Live Data Charts



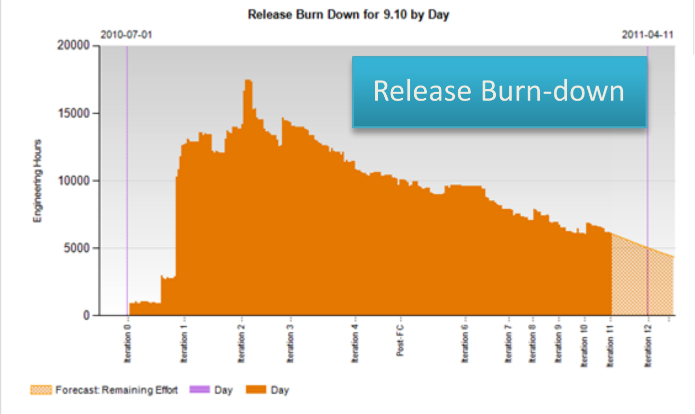
Release Burn-up

Release Burn Up for 9.10 by Day



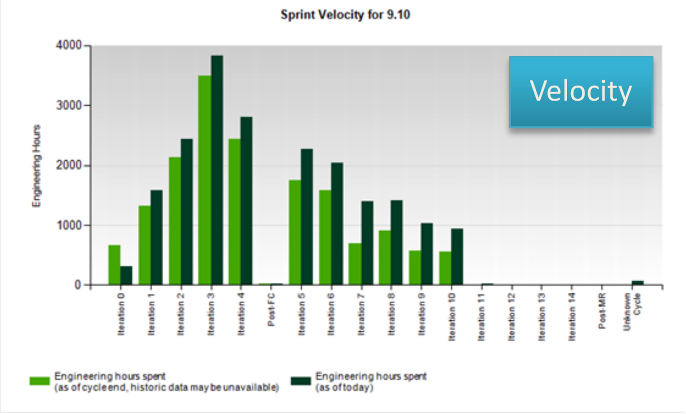
State Transition (aka CFD)

User Story Count for 9.10 by Day



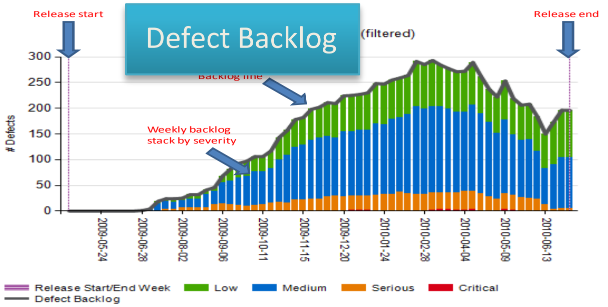
Release Burn-down

Release Burn Down for 9.10 by Day

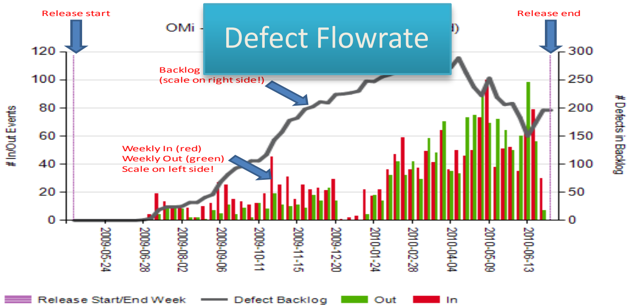


Velocity

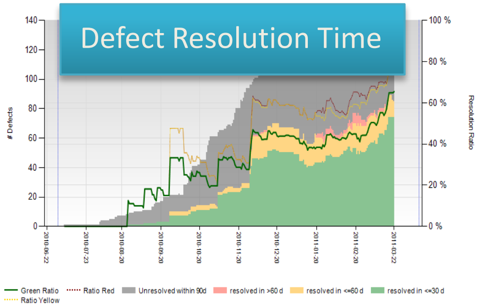
Sprint Velocity for 9.10



Defect Backlog

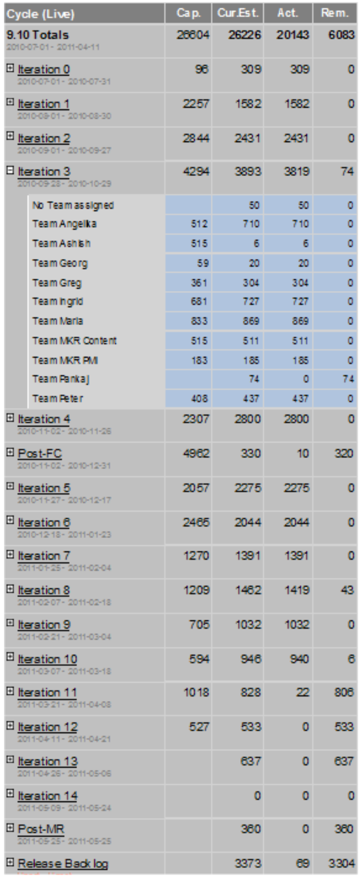


Defect Flowrate



Defect Resolution Time

Отчётность метрики



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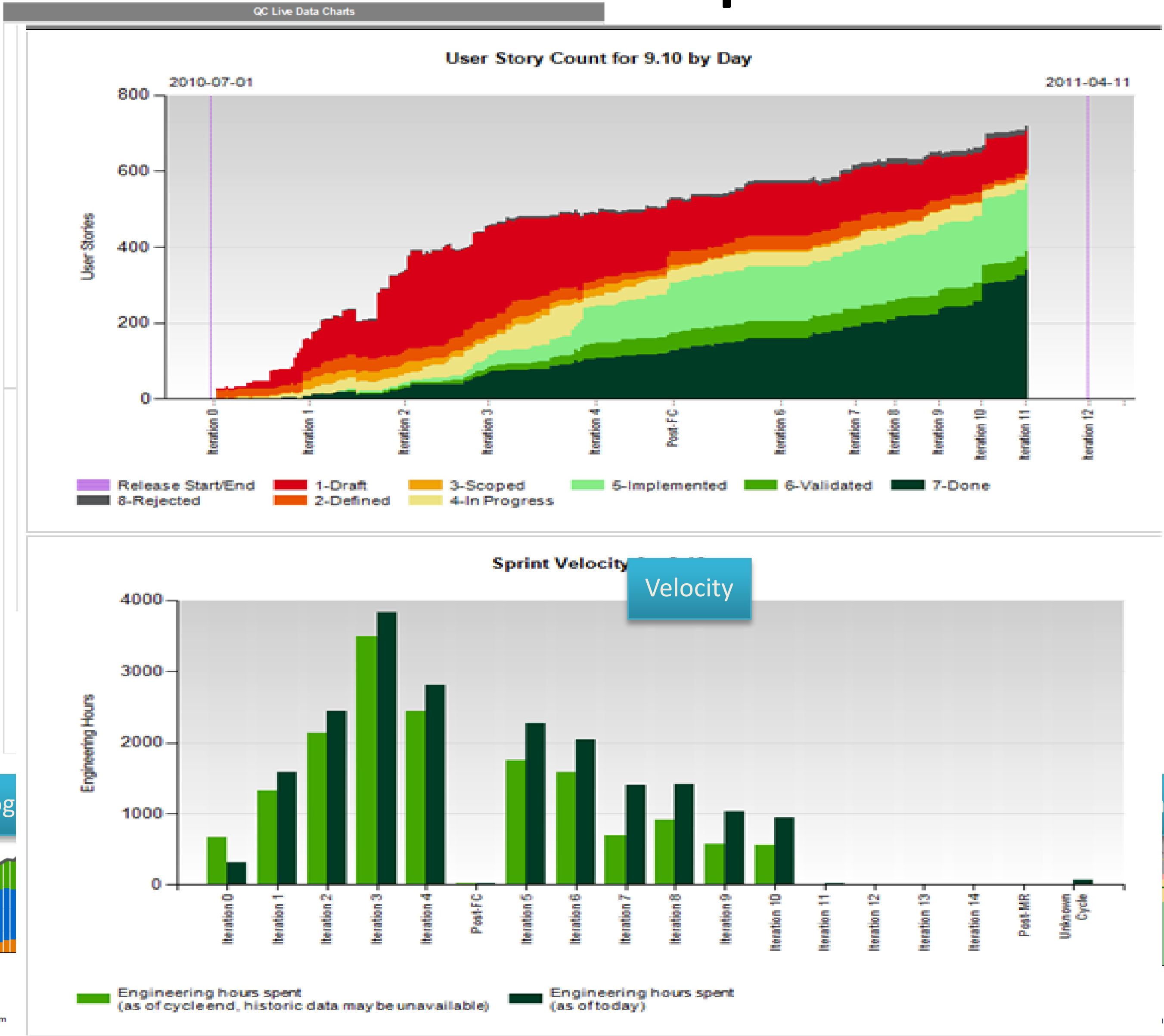
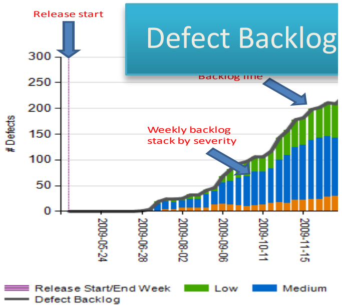
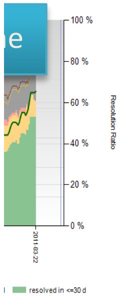
⊞ Iteration 13 2011-04-26 - 2011-05-06		637	0	637
⊞ Iteration 14 2011-05-09 - 2011-05-24		0	0	0
⊞ Post-MR 2011-05-25 - 2011-05-25		360	0	360
⊞ Release Back log		3373	69	3304







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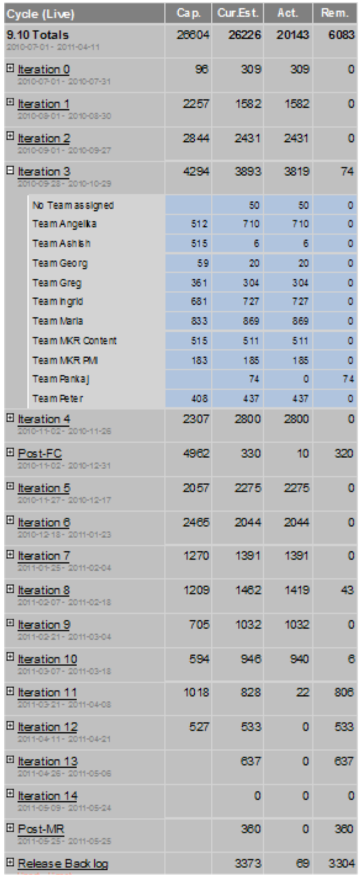
Отчётность метрики



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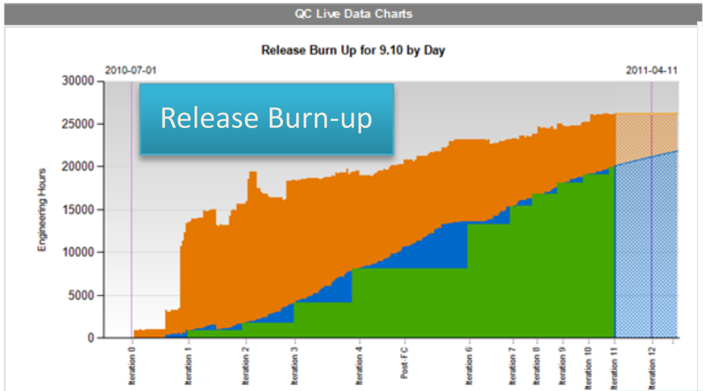
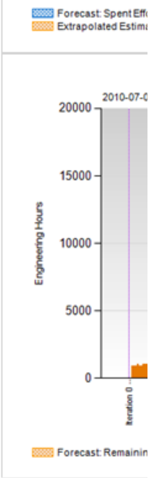
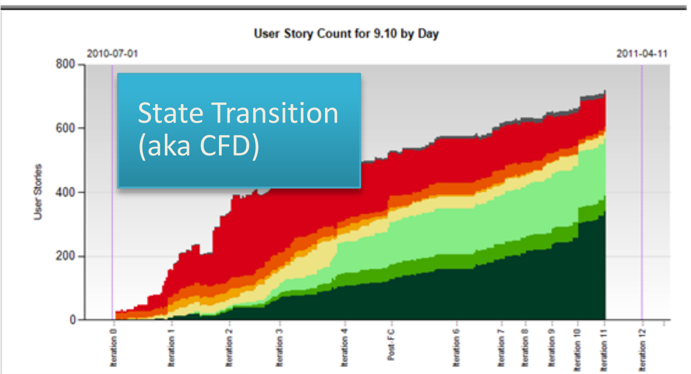
⊞ Iteration 13 2011-04-26 - 2011-05-06		637	0	637
⊞ Iteration 14 2011-05-09 - 2011-05-24		0	0	0
⊞ Post-MR 2011-05-25 - 2011-05-25		360	0	360
⊞ Release Back log		3373	69	3304

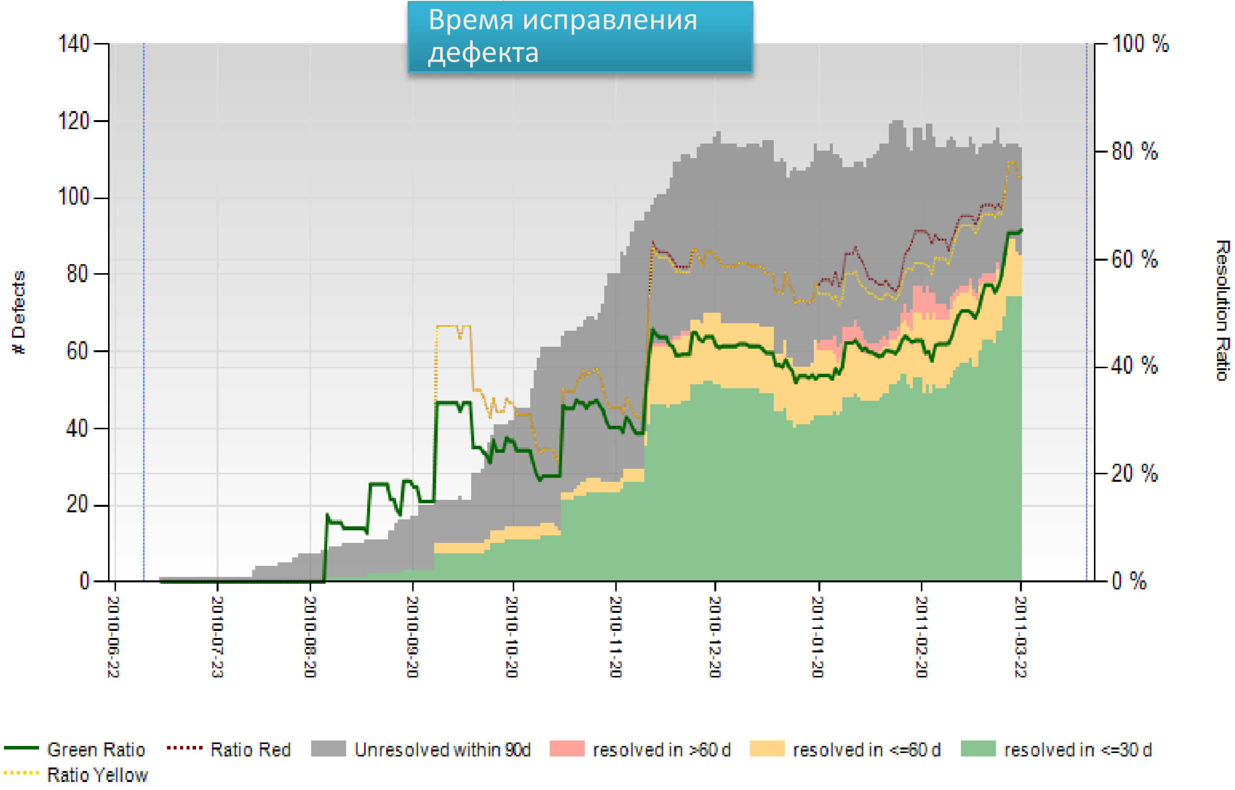


Release Burn-up

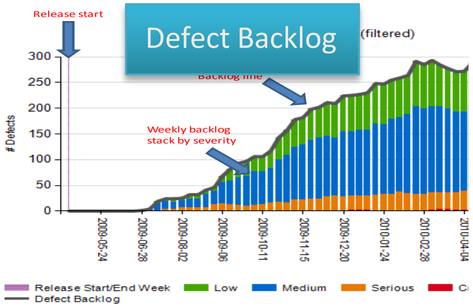




State Transition (aka CFD)



Время исправления дефекта



Defect Backlog

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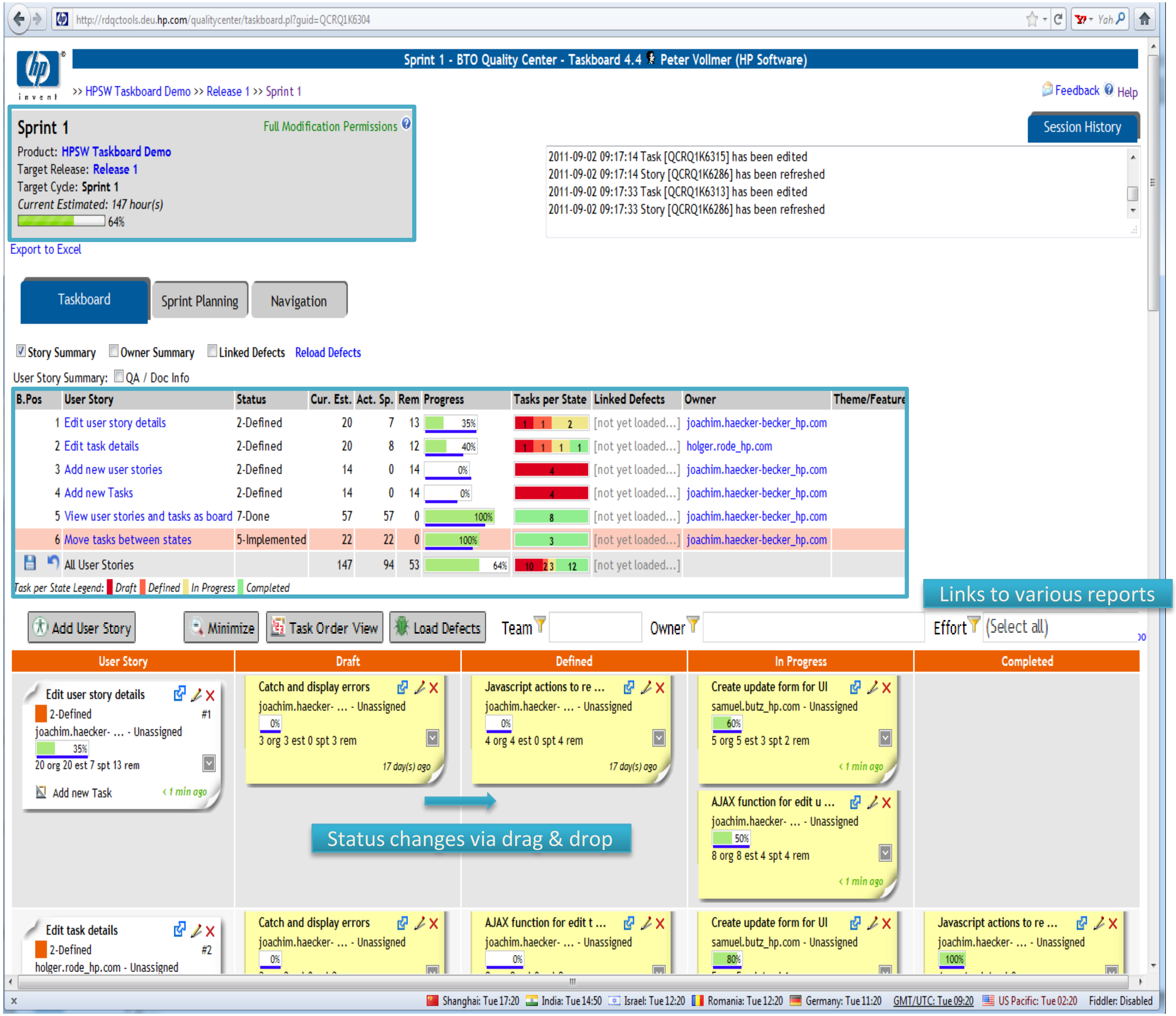
The Taskboard

Web Browser - platform independent



http://rdqctools.deu.hp.com/qualitycenter/taskboard.pl?guid=QCRQ1K6304

Sprint 1 - BTO Quality Center - Taskboard 4.4 Peter Vollmer (HP Software)

>> HPSW Taskboard Demo >> Release 1 >> Sprint 1

Feedback Help

Sprint 1 Full Modification Permissions

Product: **HPSW Taskboard Demo**
Target Release: **Release 1**
Target Cycle: **Sprint 1**
Current Estimated: 147 hour(s)
64%

Export to Excel

Session History

2011-09-02 09:17:14 Task [QCRQ1K6315] has been edited
2011-09-02 09:17:14 Story [QCRQ1K6286] has been refreshed
2011-09-02 09:17:33 Task [QCRQ1K6313] has been edited
2011-09-02 09:17:33 Story [QCRQ1K6286] has been refreshed

☑ Story Summary ☐ Owner Summary ☐ Linked Defects Reload Defects

User Story Summary: ☐ QA / Doc Info

B.Pos	User Story	Status	Cur. Est.	Act. Sp.	Rem	Progress	Tasks per State	Linked Defects	Owner	Theme/Feature
1	Edit user story details	2-Defined	20	7	13	35%	1 1 2	[not yet loaded...]	joachim.haecker-becker_hp.com	
2	Edit task details	2-Defined	20	8	12	40%	1 1 1 1	[not yet loaded...]	holger.rode_hp.com	
3	Add new user stories	2-Defined	14	0	14	0%	4	[not yet loaded...]	joachim.haecker-becker_hp.com	
4	Add new Tasks	2-Defined	14	0	14	0%	4	[not yet loaded...]	joachim.haecker-becker_hp.com	
5	View user stories and tasks as board	7-Done	57	57	0	100%	8	[not yet loaded...]	joachim.haecker-becker_hp.com	
6	Move tasks between states	5-Implemented	22	22	0	100%	3	[not yet loaded...]	joachim.haecker-becker_hp.com	
	All User Stories		147	94	53	64%	10 2 3 12	[not yet loaded...]		

Task per State Legend: 🟥 *Draft* 🟥 *Defined* 🟨 *In Progress* 🟩 *Completed*

Team Owner Effort (Select all)

User Story	Draft	Defined	In Progress	Completed
Edit user story details 2-Defined #1 joachim.haecker- ... - Unassigned 35% 20 org 20 est 7 spt 13 rem Add new Task ‹ 1 min ago	Catch and display errors joachim.haecker- ... - Unassigned 0% 3 org 3 est 0 spt 3 rem 17 day(s) ago	Javascript actions to re ... joachim.haecker- ... - Unassigned 0% 4 org 4 est 0 spt 4 rem 17 day(s) ago	Create update form for UI samuel.butz_hp.com - Unassigned 60% 5 org 5 est 3 spt 2 rem ‹ 1 min ago AJAX function for edit u ... joachim.haecker- ... - Unassigned 50% 8 org 8 est 4 spt 4 rem ‹ 1 min ago	
Edit task details 2-Defined #2 holger.rode_hp.com - Unassigned	Catch and display errors joachim.haecker- ... - Unassigned 0%	AJAX function for edit t ... joachim.haecker- ... - Unassigned 0%	Create update form for UI samuel.butz_hp.com - Unassigned 80%	Javascript actions to re ... joachim.haecker- ... - Unassigned 100%

Shanghai: Tue 17:20 India: Tue 14:50 Israel: Tue 12:20 Romania: Tue 12:20 Germany: Tue 11:20 GMT/UTC: Tue 09:20 US Pacific: Tue 02:20 Fiddler: Disabled

Release Information

Story Summary View

Cardboard visualization

Links to various reports

Status changes via drag & drop

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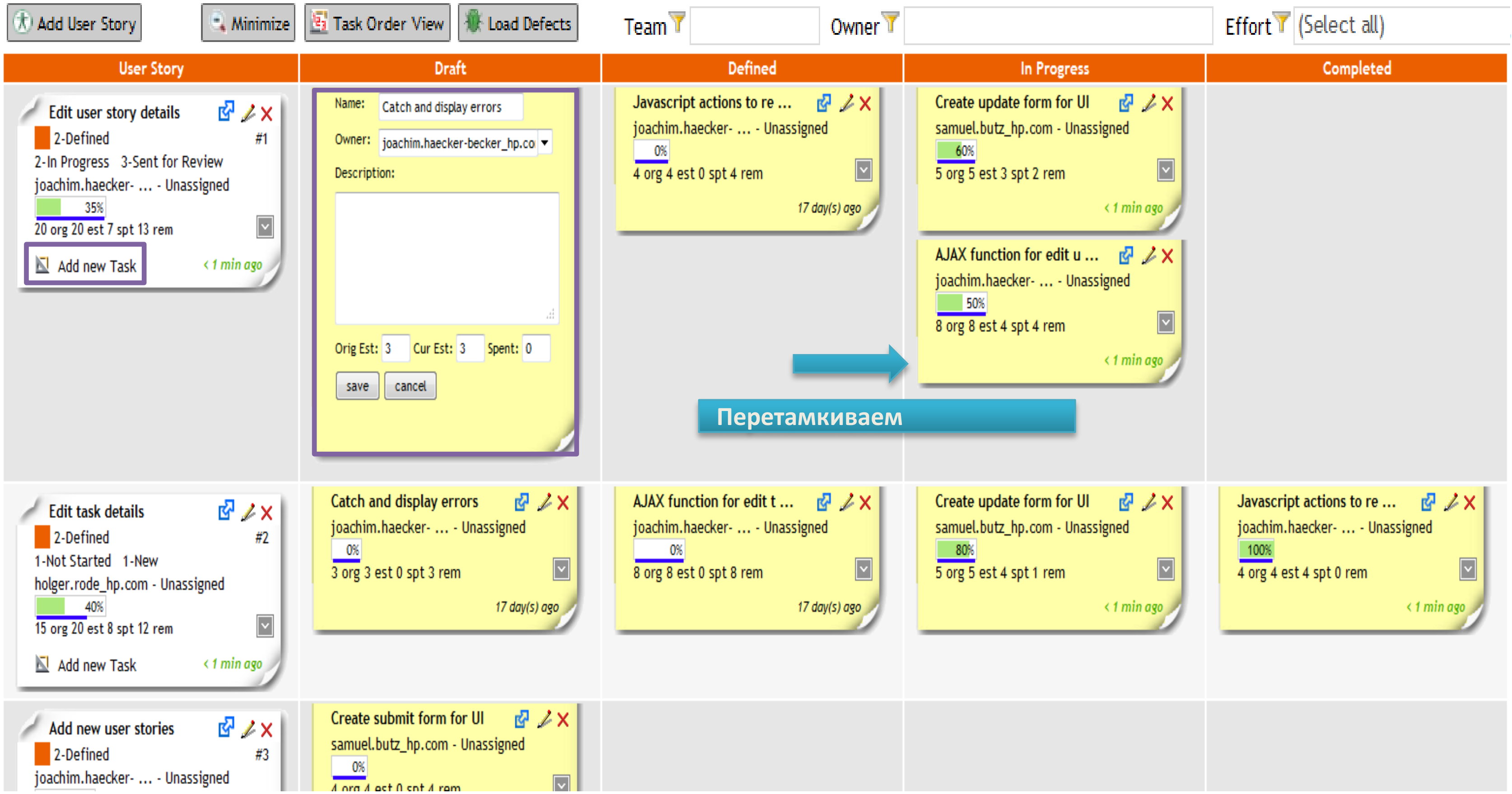
Доска

Создаём задачи и User Story

Фильтрации



Team
Owner
Effort (Select all)

User Story	Draft	Defined	In Progress	Completed
Edit user story details 2-Defined #1 2-In Progress 3-Sent for Review joachim.haecker- ... - Unassigned 35% 20 org 20 est 7 spt 13 rem Add new Task ‹ 1 min ago	Name: Catch and display errors Owner: joachim.haecker-becker_hp.co Description: Orig Est: 3 Cur Est: 3 Spent: 0 save cancel	Javascript actions to re ... joachim.haecker- ... - Unassigned 0% 4 org 4 est 0 spt 4 rem 17 day(s) ago	Create update form for UI samuel.butz_hp.com - Unassigned 60% 5 org 5 est 3 spt 2 rem ‹ 1 min ago AJAX function for edit u ... joachim.haecker- ... - Unassigned 50% 8 org 8 est 4 spt 4 rem ‹ 1 min ago	
Edit task details 2-Defined #2 1-Not Started 1-New holger.rode_hp.com - Unassigned 40% 15 org 20 est 8 spt 12 rem Add new Task ‹ 1 min ago	Catch and display errors joachim.haecker- ... - Unassigned 0% 3 org 3 est 0 spt 3 rem 17 day(s) ago	AJAX function for edit t ... joachim.haecker- ... - Unassigned 0% 8 org 8 est 0 spt 8 rem 17 day(s) ago	Create update form for UI samuel.butz_hp.com - Unassigned 80% 5 org 5 est 4 spt 1 rem ‹ 1 min ago	Javascript actions to re ... joachim.haecker- ... - Unassigned 100% 4 org 4 est 4 spt 0 rem ‹ 1 min ago
Add new user stories 2-Defined #3 joachim.haecker- ... - Unassigned	Create submit form for UI samuel.butz_hp.com - Unassigned 0% 4 org 4 est 0 spt 4 rem			

Перетамкиваем

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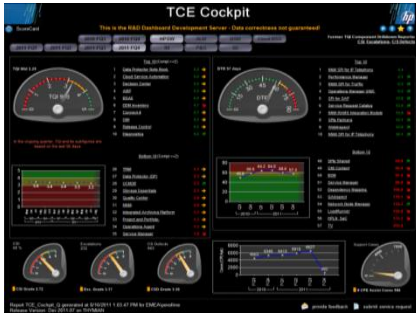
BI Отчетность

Executive ScoreCard

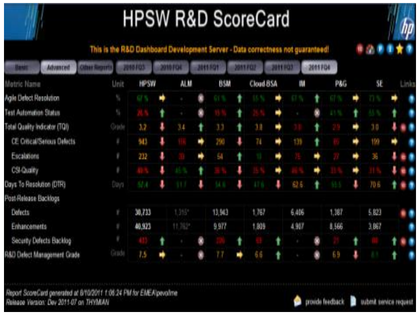


TCE Cockpit

ScoreCard

This is the R&D Dashboard Development Server - Data correctness not guaranteed!

R&D ScoreCard



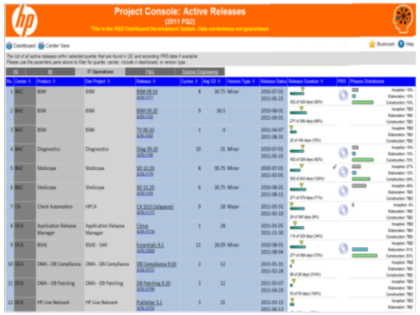
HPSW R&D ScoreCard

This is the R&D Dashboard Development Server - Data correctness not guaranteed!

Metric Name	Unit	HPSW	ALM	BSM	Cloud BSA	IM	P&G	SE	Links
Agile Defect Resolution	%	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
Test Automation Status	%	[illegible]	-	[illegible]	[illegible]	-	[illegible]	[illegible]	
Total Quality Indicator (TQI)	Grade	3.2	3.4	3.3	3.8	[illegible]	[illegible]	3.0	
CE Critical/Serious Defects	#	943	[illegible]	290	74	139	[illegible]	199	
Escalations	#	232	[illegible]	54	[illegible]	[illegible]	[illegible]	36	
CSI-Quality	#	[illegible]	45 %	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
Days To Resolution (DTR)	Days	57.4	[illegible]	[illegible]	[illegible]	62.6	[illegible]	70.6	
Post-Release Backlogs									
Defects	#	30,733	1,315*	13,943	1,767	6,406	1,387	5,823	
Enhancements	#	40,923	11,762*	9,977	1,809	4,907	8,566	3,867	
Security Defects Backlog	#	[illegible]	-	[illegible]	[illegible]	-	[illegible]	[illegible]	
R&D Defect Management Grade	Grade	7.5	-	7.7	6.6	-	6.9	[illegible]	

Report ScoreCard generated at 8/10/2011 1:06:24 PM for EMEA\pevolme
Release Version: Dev 2011-07 on THYMIAN

R&D Консоль



Project Console: Active Releases
(2011 FQ2)
This is the R&D Dashboard Development System. Data correctness not guaranteed.

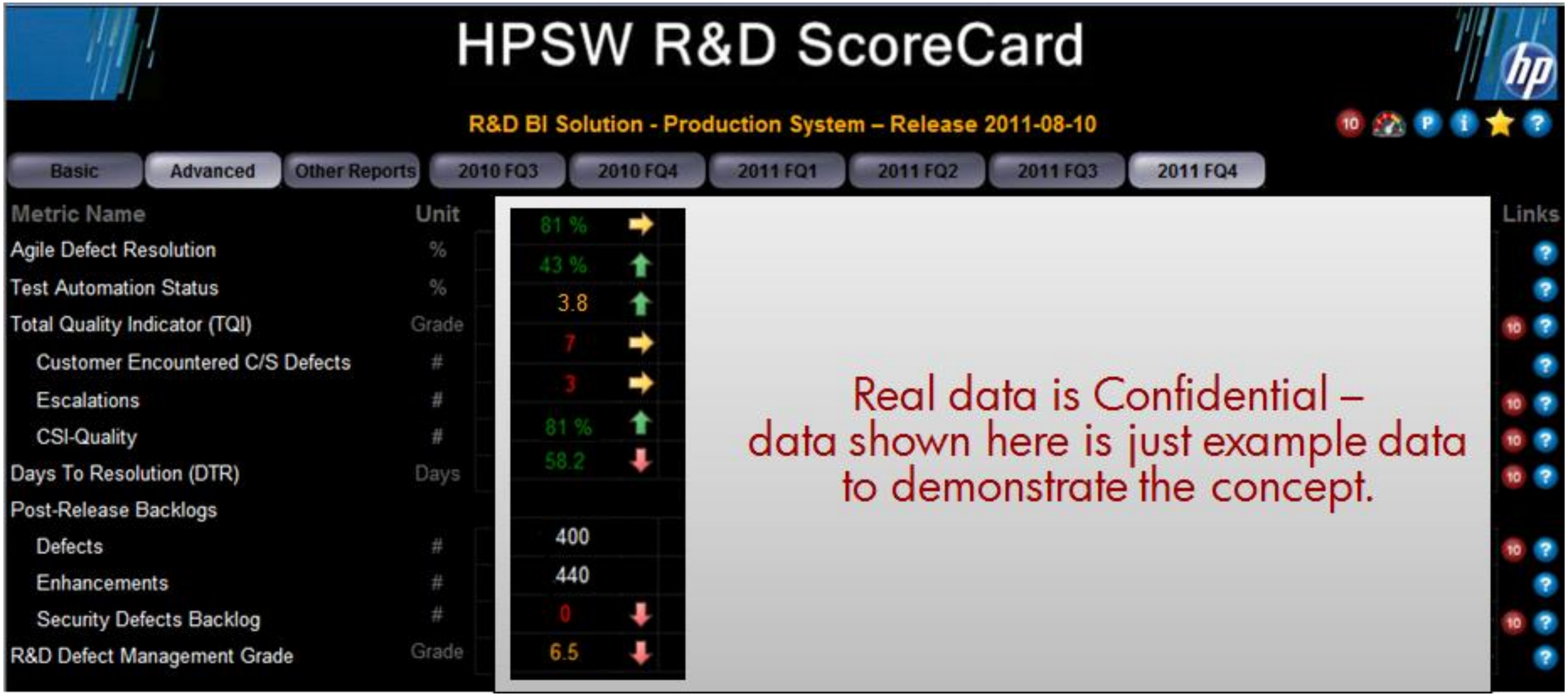
The list of all active releases within selected quarter that are found in QC and according PRS data if available.
Please use the parameters pane above to filter for quarter, center, include in dashboard, or version type.

No.	Center	Product	Dev Project	Release	Cycles	Avg CD	Version Type	Release Dates	Release Duration	PRS	Phases Distribution
1	BAC	BSM	BSM	BSM 09.10	8	30.75	Minor	2010-07-01 2011-05-25	302 of 328 days (92%)		Inception: 19% Elaboration: 10% Construction: 70%
2	BAC	BSM	BSM	BSM 09.20	9	30.5		2010-08-01 2011-09-01	271 of 396 days (68%)		Inception: TBD Elaboration: TBD Construction: TBD
3	BAC	BSM	BSM	TV 09.10	1	0		2011-04-07 2011-08-31	22 of 146 days (15%)		Inception: TBD Elaboration: TBD Construction: TBD
4	BAC	Diagnostics	Diagnostics	Diag 09.10	10	31	Minor	2010-07-01 2011-05-25	302 of 328 days (92%)		Inception: 19% Elaboration: 10% Construction: 70%
5	BAC	SiteScope	SiteScope	SIS 11.10	8	30.75	Minor	2010-07-01 2011-03-01	302 of 243 days (124%)		Inception: 27% Elaboration: 12% Construction: 59%
6	BAC	SiteScope	SiteScope	SIS 11.20	6	30.75	Minor	2010-08-01 2011-08-15	271 of 379 days (71%)		Inception: 46% Elaboration: TBD Construction: TBD
7	CA	Client Automation	HPCA	CA 10.0 (Jalapeno)	9	28	Major	2011-03-31 2012-03-10	29 of 345 days (8%)		Inception: 4% Elaboration: TBD Construction: TBD
8	DCA	Application Release Manager	Application Release Manager	Cirrus	1	28		2011-01-05 2011-11-30	114 of 329 days (34%)		Inception: TBD Elaboration: TBD Construction: TBD
9	DCA	BSAE	BSAE - SAR	Essentials 9.1	12	26.09	Minor	2010-08-01 2011-08-04	271 of 368 days (73%)		Inception: TBD Elaboration: 51% Construction: 83%
10	DCA	DMA - DB Compliance	DMA - DB Compliance	DB Compliance 9.10	2	12		2011-01-31 2011-02-28	86 of 28 days (314%)		Inception: TBD Elaboration: TBD Construction: TBD
11	DCA	DMA - DB Patching	DMA - DB Patching	DB Patching 9.10	3	12		2011-03-07 2011-04-29	53 of 53 days (100%)		Inception: TBD Elaboration: TBD Construction: TBD
12	DCA	HP Live Network	HP Live Network	Publisher 1.1	3	21		2011-03-15 2011-06-13			Inception: TBD Elaboration: TBD

Отчетность заказчикам

HPSW R&D Система для долгосрочных инициатив

BI Based ScoreCard



HPSW R&D ScoreCard

R&D BI Solution - Production System – Release 2011-08-10

10
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?
Basic
Advanced
Other Reports
2010 FQ3
2010 FQ4
2011 FQ1
2011 FQ2
2011 FQ3
2011 FQ4

Metric Name	Unit			Links
Agile Defect Resolution	%	81 %	→	?
Test Automation Status	%	43 %	↑	?
Total Quality Indicator (TQI)	Grade	3.8	↑	10 ?
Customer Encountered C/S Defects	#	7	→	?
Escalations	#	3	→	10 ?
CSI-Quality	#	81 %	↑	10 ?
Days To Resolution (DTR)	Days	58.2	↓	10 ?
Post-Release Backlogs				
Defects	#	400		10 ?
Enhancements	#	440		?
Security Defects Backlog	#	0	↓	10 ?
R&D Defect Management Grade	Grade	6.5	↓	?

Real data is Confidential –
data shown here is just example data
to demonstrate the concept.

Простые вещи

Делай только то что надо сейчас

Делай то, что действительно важно

Разбивай задачи на атомарные

Делай работу над ошибками