

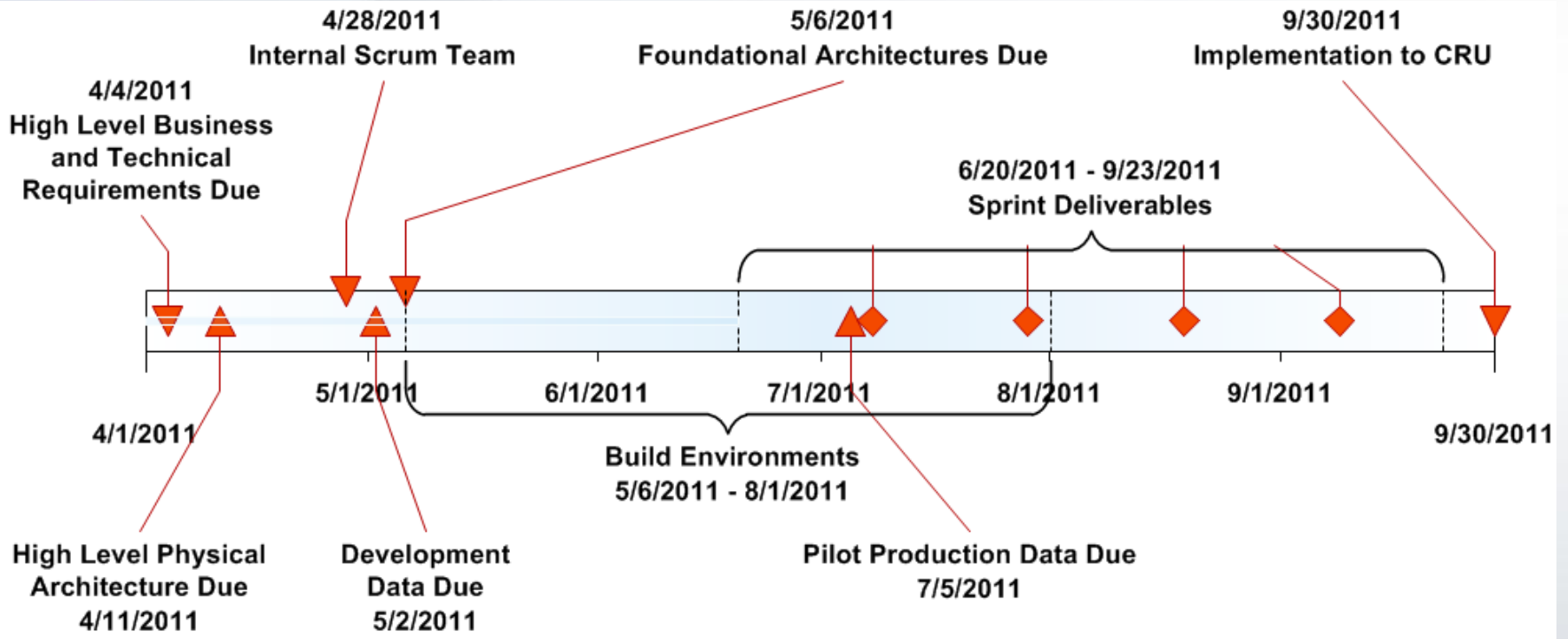
Patent Public Advisory Committee Meeting PE2E Status



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PE2E Timeline



10/1/2011 - 9/30/2012
FY 2012

- Examination tools
- Applicant tools
- Workflow
- Structured text-content

10/1/2012 - 9/30/2015
FY 2013-15

- FY 13 - Rollout of functionality to broader audiences
- FY 14 -15 Define & pursue decommissioning strategy



Front-End Summary

- Integrated front-end design & implementation
 - Initial front-end implementations complete
 - Development continues on additional front-end deliverables
 - Deliverables are fully-functioning web-applications, with stubbed-out services
- Service-level architecture
 - Completed and integrated into project documentation
- Data models
 - Foundational logical model complete
 - Physical model for 1st sprint complete and deployed



Front-End Implementation

0.6.6-SNAPSHOT 1219

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Case Contents Toolbox Examine the Case Review an IDS Search Prior Art Write an Action Review for SNQ Examine the Merits

Case Contents Case Data

Show: All

Reexam Proceeding

Re-Exam Request - 2/7/2011

Copy of patent for which reexamination is requested	RXPATENT
Fee Worksheet (PTO-375)	WFEE
Transmittal of New Application	TRNA
EFS Acknowledgment Receipt	N417
Receipt of Orig. Ex Parte Request by Third Party	RXOSUB.R
Bibliographic Data Sheet	BIB
Reexam Certificate of Service	RXC/SR
Reexam - Info Disclosure Statement Filed by 3rd Party	RXIDS.R
Paper Reexam File Jacket is scanned	RXFILJKT

Patent

Patent Document	
Abstract	ABST
Drawings	DRW
Specification	SPEC
Claims	CLM

Application Prosecution

- Office Action - 5/17/1999
- Office Action - 3/30/1999
- Office Action - 3/22/1999
- Amendment - 3/16/1999
- Office Action - 10/16/1998
- Amendment - 7/31/1998

Amendment/Req. Reconsideration-After Non-Final Reject	A...
Claims	CLM
Applicant Arguments/Remarks Made in an Amendment	REM

Office Action - 7/22/1998

Amendment - 7/13/1998

Office Action - 7/8/1998

Office Action - 6/3/1998

Prior Art

Open Prosecution History

6731989 - SYSTEM AND METHOD FOR COLLECTING DATA AND MANAGING PATENT CARE
02/07/2011 - Kenneth Schofield, Holland, MI

Patent Details Specification Claims Drawings Formatted Version

Show Details

Show Claims Under Re-exam

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Claims:

- 1. A computer, comprising: a fixed casing accommodating a first computer component and having an opening; a movable casing covering said opening of said fixed casing, said movable casing having a tab protruding from said movable casing, said movable casing accommodating a second computer component on an inner surface of said movable casing; a pair of hinges rotatably coupling said fixed casing to said movable casing so as to allow the movable casing to cover and uncover said opening; and a latch comprising a slidemounted on said fixed casing, said slide having an offset corresponding to said tab, said slide moving laterally so as to engage said tab to said offset where said movable casing covers said opening and to disengage said tab from said offset where said movable casing uncovers said opening.
- 2. The computer of claim 1, said slide having an elongated hole, said fixed casing having a boss corresponding to said elongated hole, said boss being inserted into said elongated hole and guiding the sliding of said slide along said elongated hole.
- 3. The computer of claim 2, said slide further comprising a grip.
- 4. The computer of claim 3, further comprising a spring having a first end connected to said slide and a second end connected to said fixed casing, said spring biasing said latch to engage said tab to said offset.
- 5. The computer of claim 4, said offset having a camming surface on its upper end so as to allow the downward movement of said movable casing to be changed to the lateral movement of said slide.
- 6. The computer of claim 5, said second component comprising a CD-ROM drive.
- 7. The computer of claim 2, further comprising: a catch positioned at said fixed casing; and a

Notes



User Involvement

- Design / Development sprints every two weeks
- Weekly meetings with examiners
 - Both CRU and “regular” examiners
 - To design the functionality for the next sprint
 - To assess the functionality of the previous sprint
- A major (holistic) user evaluation every 6 weeks
 - Most recent was May 25th
 - Next is July 7th
- Usability advisory council regularly updated
- POPA union fully informed
- Reactions are uniformly positive



Back-End Summary

- Procured development kicked-off June 20; delayed 2 weeks
 - SDI NG protest delayed procurement; alternate procurement plan pursued
 - Financial adjustments due to emergent budgetary constraints
- High-level physical architecture
 - Completed for development environment
 - Ongoing for QA, Staging, & Release
- Environments
 - Development & QA environments built
 - Requirements being gathered for staging & production environments
- Database
 - Logical & physical model complete foundation and scope of 1st sprint
 - Expansion of database models for subsequent sprints continues



Back-End Summary

- XML Schemas under development
 - 7 key content types identified for high-granularity schemas
 - Lightweight schema for additional content types
- Technology stack for scope of FY11 release vetted and finalized
- Internal development began June 6
 - Continuous-build environment configured and working
 - XSLT (Extensible Stylesheet Language Transformations) under development for transformation of earlier XML standards (e.g., ST.36)
- Sprints on schedule for FY11 release
 - Deliverables will provide services to connect back-end to front-end, replacing stubbed-out services delivered in front-end
 - Will build initial data-intake routines from vendors and USPTO data sources



Technology Stack

Technology Need	Solution
Operating system	Red Hat Enterprise Linux 6.x
File system	ext4
Virtualization (type 1 hypervisor)	Red Hat Enterprise Linux 6.x: KVM
Server provisioning	RHN Satellite 5.x
Virtualization management	RHEV-M 2.x
Load balancer	IBM Edge Server 7.
Application server	JBoss SOA-P 5.1
Web server	JBoss EWS5.1
Java servlet/JSP container	JBoss EAP 5.1
Object-relational mapping & persistence framework	JBoss EAP 5.1: Hibernate
Logging	JBoss EAP 5.1: JBoss 5.1 logging API
Rules engine	JBoss Enterprise BRMS (Drools 5.x)
Enterprise service bus (ESB)	JBoss ESB as part of JBoss SOA-P 5.1
Database	MySQL Cluster Carrier Grade Edition 7.1
Version control	Apache Subversion 1.6.x feeding ClearCase
Build management	Apache Maven 3.0.x feeding ClearCase
Continuous integration tool	Hudson 1.39x
Build artifact repository	Nexus 1.9.x feeding ClearCase
Development framework	JBoss SEAM, Java EE6
Development IDE	JBoss Developer Studio
Search engine	TBD; currently building business case
Workflow management	JBPM; currently building business case
JavaScript toolkit	Dojo 1.6.x
XML Management	TBD
Physical Servers	Dell R910
Primary Deployment language	Java 1.6



PE2E Portfolio FY12

- Major requirement areas
 - Examiner tools, additional functionality
 - Applicant tools
 - Workflow elements
 - Structured text-content
- Major development areas
 - Lightweight improvements to existing systems
 - PE2E improvements rolled out to pilot audiences
 - AIS integration solutions
 - Increasingly sophisticated text-content acquisition



PE2E Portfolio FY13 - FY15

- FY13: Rollouts to broader audiences
 - Process refinements to ensure operational scalability
 - Incremental deployment to patent corps
- FY14 – FY15: Define & pursue decommissioning strategy
 - Data migration
 - Define and satisfy feature completion criteria



Risks And Issues

- Preserving FY11 scope in light of procurement delay
- Acquisition of production-level, structured XML (ST.96) for FY11