

Rational Unified Process (Transition)

Mohammad A. Rajabi

Dept. of Geomatics Eng., University of Tehran

Tel: +98 21 8833 4341, Cell: +98 912 132 5823

Email: marajabi@ut.ac.ir

Homepage: <http://www.marajabi.com>

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Introduction

- Beta needs fine tuning of functionality, performance and overall quality
- Different than other methods like waterfall
- Two or more iterations
- Focus mainly on configuration, installation and usability rather than structural issues!

Transition, Iteration, Development Cycle

- Can be easy or difficult
- Old system -> new system
 - Running them together (very difficult!)
 - Migrating data
 - Training users
 - Adjusting business processes
- Project is closed, evolved, third party to take care of
- Development cycle -> a SW generation
- Evolution cycle

Objectives

- User expectations are met
- Training users and system administrators
- Prepare deployment site and operation DB
- Prepare for launch, packaging, production, marketing, distribution, field personal training
- Make sure stakeholders are happy! 😊
- Document lesson learned

Beta test & Meeting User Expectations

- Next beta testing, interviews, online queries, submitted change requests, ...
- Either fixing minor things, or evolution!
- Good Configuration Management (CM)
- Main source of defects: CM
- Improve documentation
 - Online help
 - Training materials
 - User's guides
 - Operational guides

Beta test & Meeting User Expectations

- Test:
 - Goal: improving quality
 - Improve test assets
- Patch release & additional beta release
- When is the transition complete?
 - No. of defects found per day?
 - No. of defects fixed per day?
 - Look at the trend of open defects!

Train Users and System Administrators

- Giving them self reliability
- Advanced beta testing of documents
 - Training materials
 - User documents
 - Operational manuals
- Prepare them in construction phase
- Train the trainers!

Prepare the Deployment Site and Operational DB

- Running old and new system in parallel
- ITIL!
 - Typically in Elaboration and Construction

Launch: Packaging, production, Marketing Rollout

- Bill of Materials (BOM):
 - SW on some sort of media
 - Documentations
 - Licensing
 - Packaging
- Marketing Rollout (for commercial products)
 - Core Message Platform (CMP): description of product, key features, benefits
 - Customer-consumer collateral: supporting materials
 - Sale support materials
 - Launch materials

Happy Stakeholders?

- Acceptance testing
 - Formal
 - Informal
 - Beta
- Before test, how to evaluate should be agreed on

Lesson Learned

- What worked well?
- What didn't and why?
- Update the development case and development environment
- Reusable components

Product Release Milestone

- Happy stakeholders?
- Cost/time acceptable?
- Lessons learned?
- Maintenance, operation, and support starts
- Evolution?

Conclusion

- Fine tuning the SW
- Training users and maintainers
- Prepared deployment site and operational DB
- Launching the package
- Stakeholders are happy
- Lesson learned
- Reusable components