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Challenges of using RequisitePro for the first time on a Large Project

Tony Pentz



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Tony Pentz - Background

10 years banking experience in Citigroup and Barclays as a Project Manager, Business Analyst, and Defect Manager.

Started using Rational RequisitePro last year and was completely new to using requirement management tools, as was everyone on the project.



Target Audience

Users new to RequisitePro

RequisitePro users and administrators making the move from small to large projects

Experienced users and administrators interested in knowing how RequisitePro has been used on other projects



Agenda

To discuss a personal experience of using RequisitePro for the first time

The project

The goals and expectations of using RequisitePro

The challenges faced

The methodology used

The actual vs. expected benefits

What we've done differently

Lessons learned

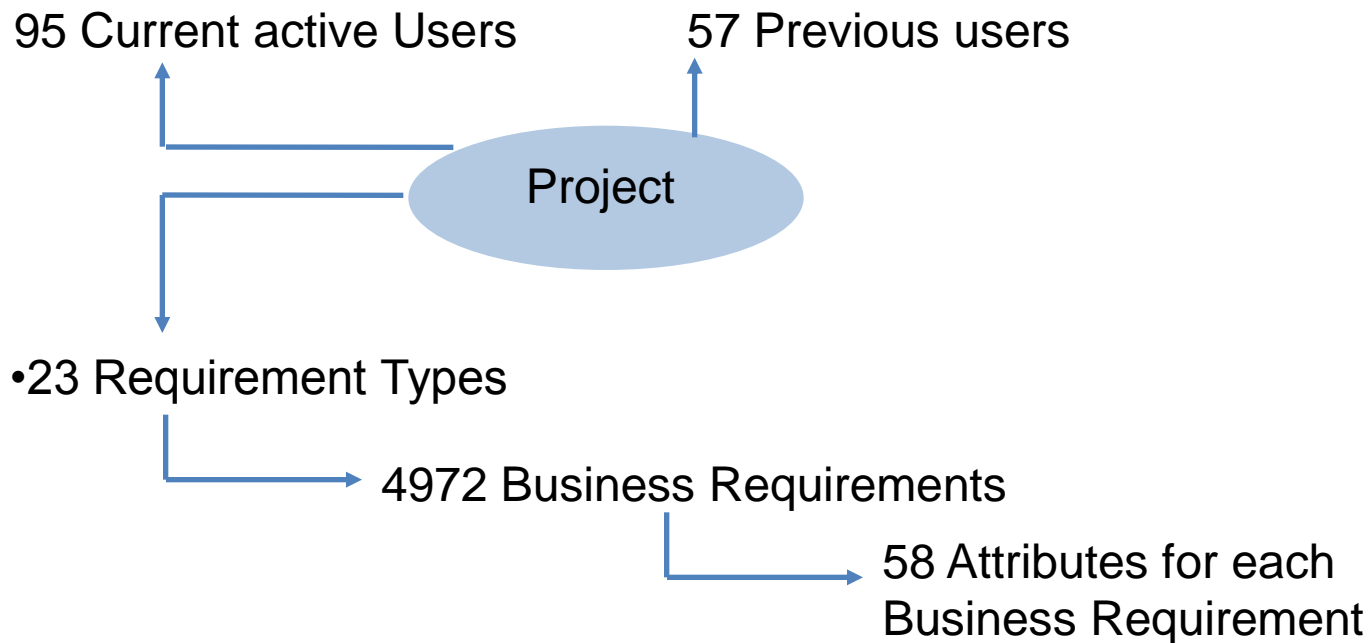


Project

The GPU Programme was incepted by Barclays in January 2008 with the aim to design and implement a best in class payments processing system to meet current and future payment processing needs. Go live is targeted for mid 2011



Current Status of the GPU Project in RequisitePro



THE CHALLENGE



The Challenge

Implementing;

- Requirement management tool

- First time

- Large organization

- Large project

- Large team

- No previous experience



What was RequisitePro intended for on the GPU Programme

Requirement Management Tool and Requirement Repository for the GPU project

Pilot programme for introducing RequisitePro as the standard Requirement Management tool in Barclays



Expected Benefits

Requirement Repository

Change Control

End to end traceability

Ensure Requirement Coverage

Audit History

User Access control



Before RequisitePro

Requirement Repository

Change Control

End to end traceability

Ensure Requirement Coverage

Audit History

User Access control

- Word docs on ShareDrive
- Version control in Word
- Faith
- Faith
- Limited
- Limited / None



What challenges were faced?

Number of new users / User resistance

User Training

Agreeing processes and templates

Project size

Project administration

User access issues

System upgrade issues



What challenges were faced?

Synchronisation with Quality Centre

Baselining of requirements

Performance issues

Easy scapegoat

Unable to roll out the complete Rational package

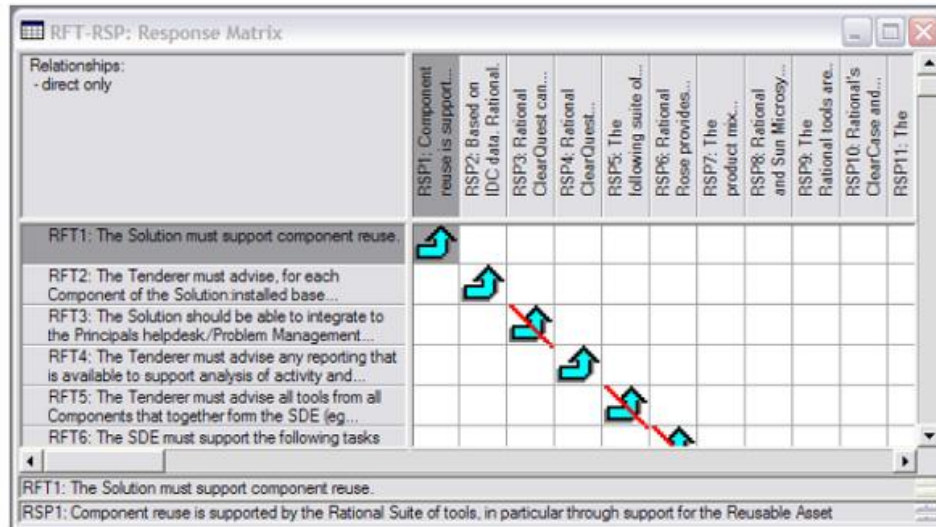


GETTING STARTED



What we've done differently

Use Suspect links for change control



What we've done differently

Use Suspect links for change control

Use a trace tool to create trace links

Importing from excel sheets

Never deleting requirements



Types of Requirement captured

Business Requirements

Functional Requirements / solutions

Non Functional Requirements

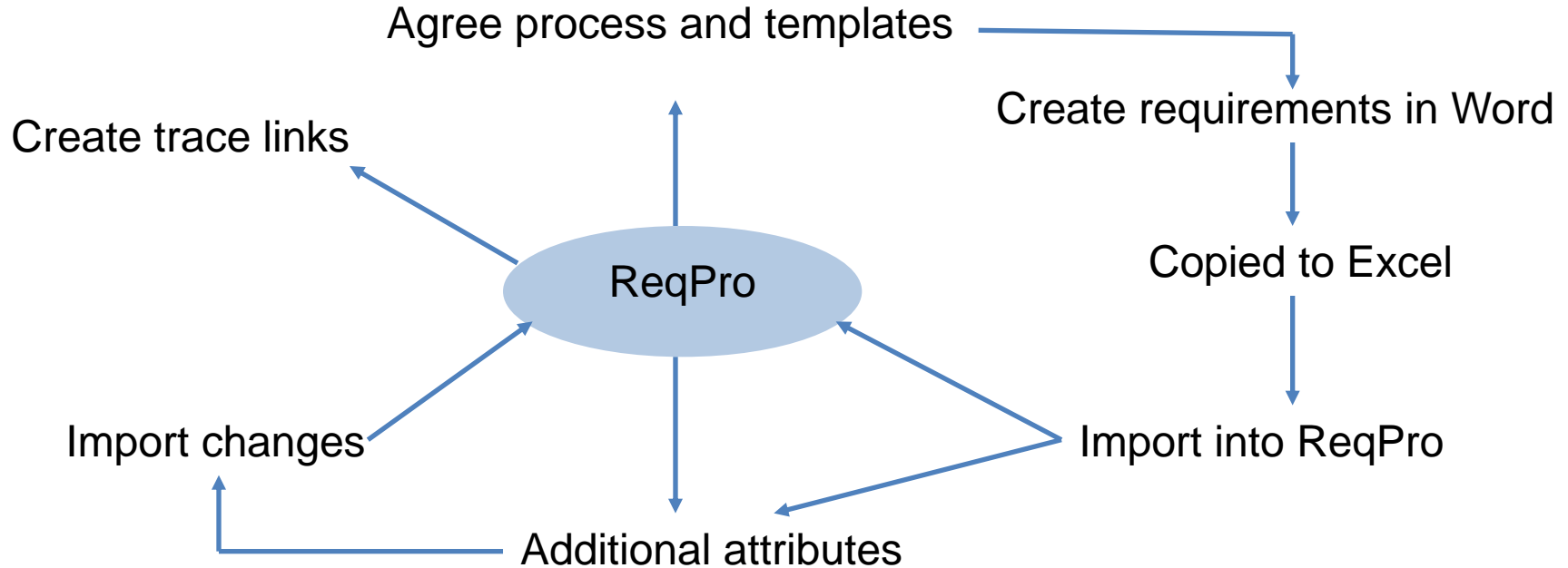
Technical Requirements

Interface Requirements / solutions

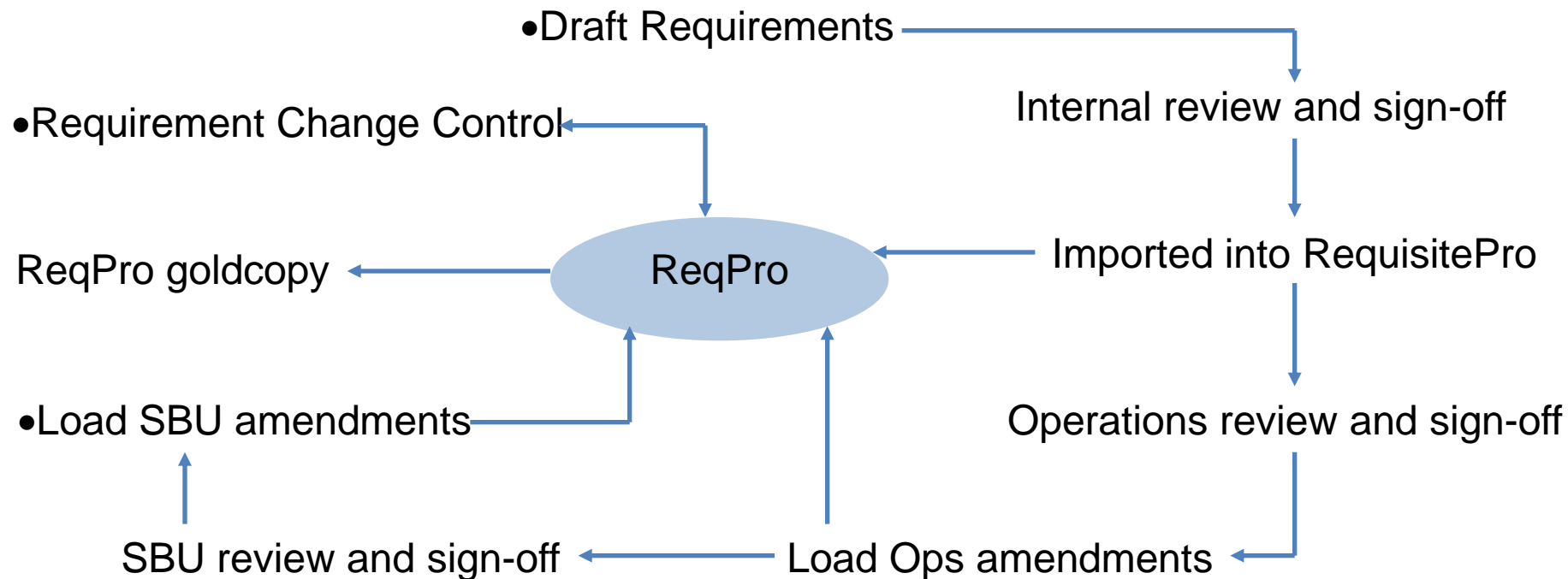
Also capturing project objectives and test cases for end to end traceability



How we used RequisitePro on the GPU project



Requirement Lifecycle



THE BENEFITS



What were the actual Benefits

Requirement Repository

Change Control

End to end traceability

Ensure Requirement Coverage

Audit History

User Access control

- ReqPro Database
- Suspect links / Baselineing
- Trace links
- Trace links
- Built in
- Configurable



What are unexpected Benefits

Structure and consistency of requirements

Identification of requirement issues

Access to requirements

Sorting requirements

Requirement attribute configurability and flexibility

Additional information captured



LESSONS LEARNED



What we would do differently next time

Use thin client (internet based) version instead of thick client
(locally installed version)

Pilot RequisitePro on a smaller project first

Some experienced team members on project



What is required to successfully use RequisitePro in a large project for the first time?

Senior stakeholder support

Application Support from IBM, especially during the early stages of the project

Technical Support within your organisation

Dedicated RequisitePro administration resourcing



Tips for new users

Many methods to get end result

Every project is different

Best Practice – No such thing

Try things – easy to change your mind

Use to capture requirements, not as a generic repository

How can RequisitePro benefit users



LEGACY



Legacy

RequisitePro has been rolled out on a 2nd project

Have had several discussions with other project teams in Barclays with an eye on utilising RequisitePro



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