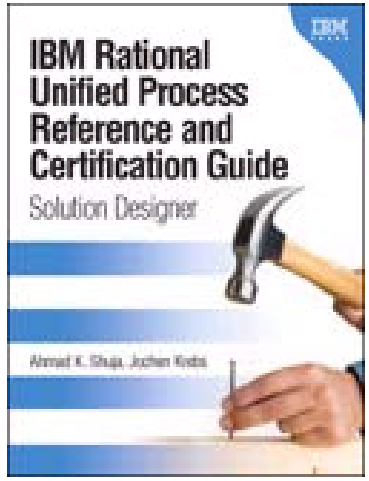
What's Up RUP™?
Agile Portfolio Management

Jochen(Joe)Krebs

www.incrementor.com

Speaker



- Jochen (Joe) Krebs
- www.jochenkrebs.com
- Author of *Agile Portfolio Management* (Microsoft Press 2008)
- Co-author of *IBM Rational Unified Process Reference and Certification Guide* (IBM Press 2007)
- APLN-NYC, PMP®, RUP®, Scrum Master, Agile Alliance, Agile 2008, NYU
- Authorized IBM training provider and business partner (incl. RUP, RMC, project management)

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What's Up RUP?

- Key Principles of Business Driven Development
- Unified Method Architecture (UMA)
- OpenUP
- IBM Rational Method Composer / EPF
- RUP™ Certification

RUP is registered trademark of IBM.

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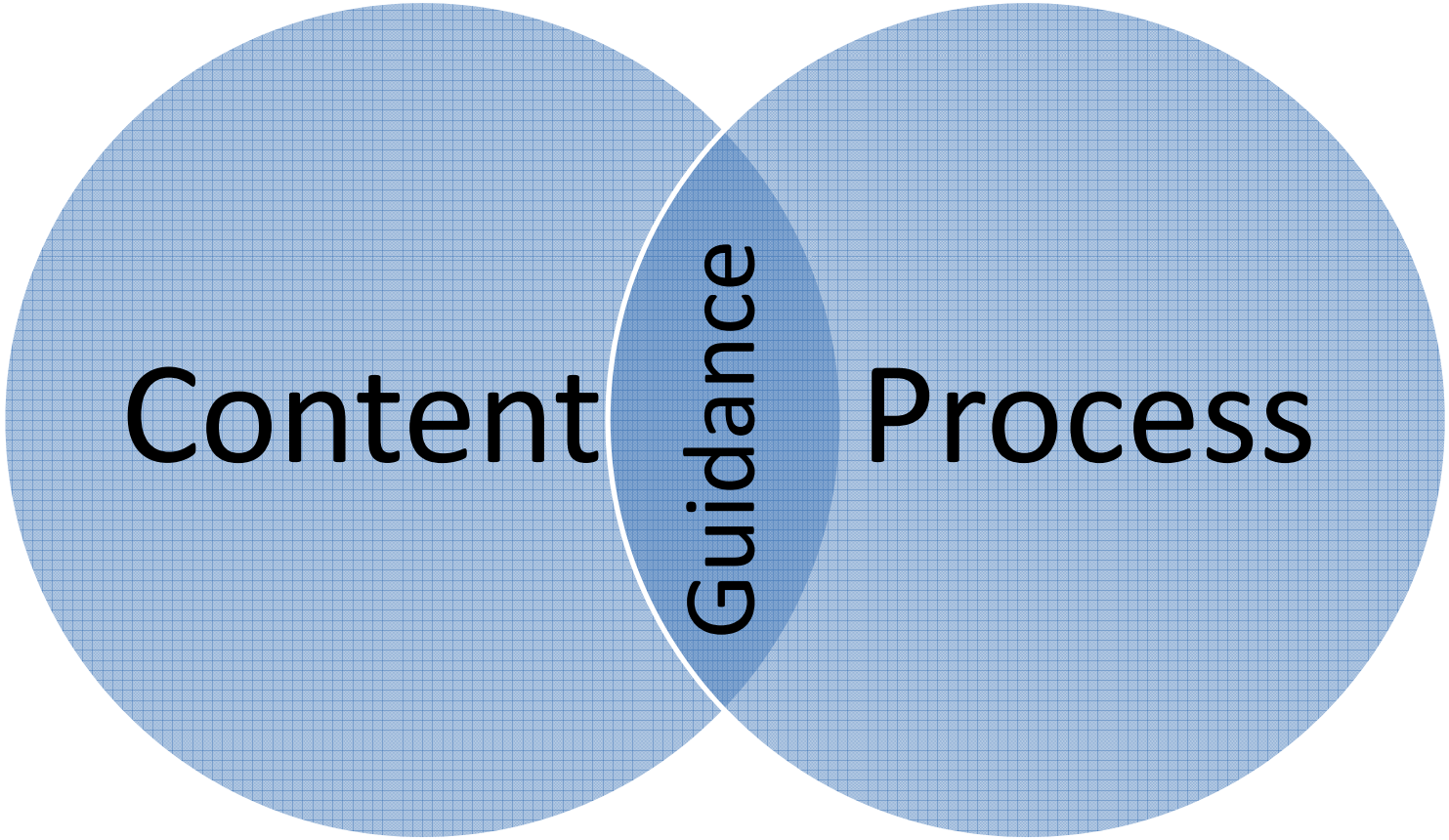
Key Principles of Business-Driven Development

- Adapt the Process.
- Balance Competing Stakeholder Priorities.
- Collaborate Across Teams.
- Demonstrate Value Iteratively.
- Elevate the Level of Abstraction.
- Focus Continuously on Quality.

Unified Method Architecture



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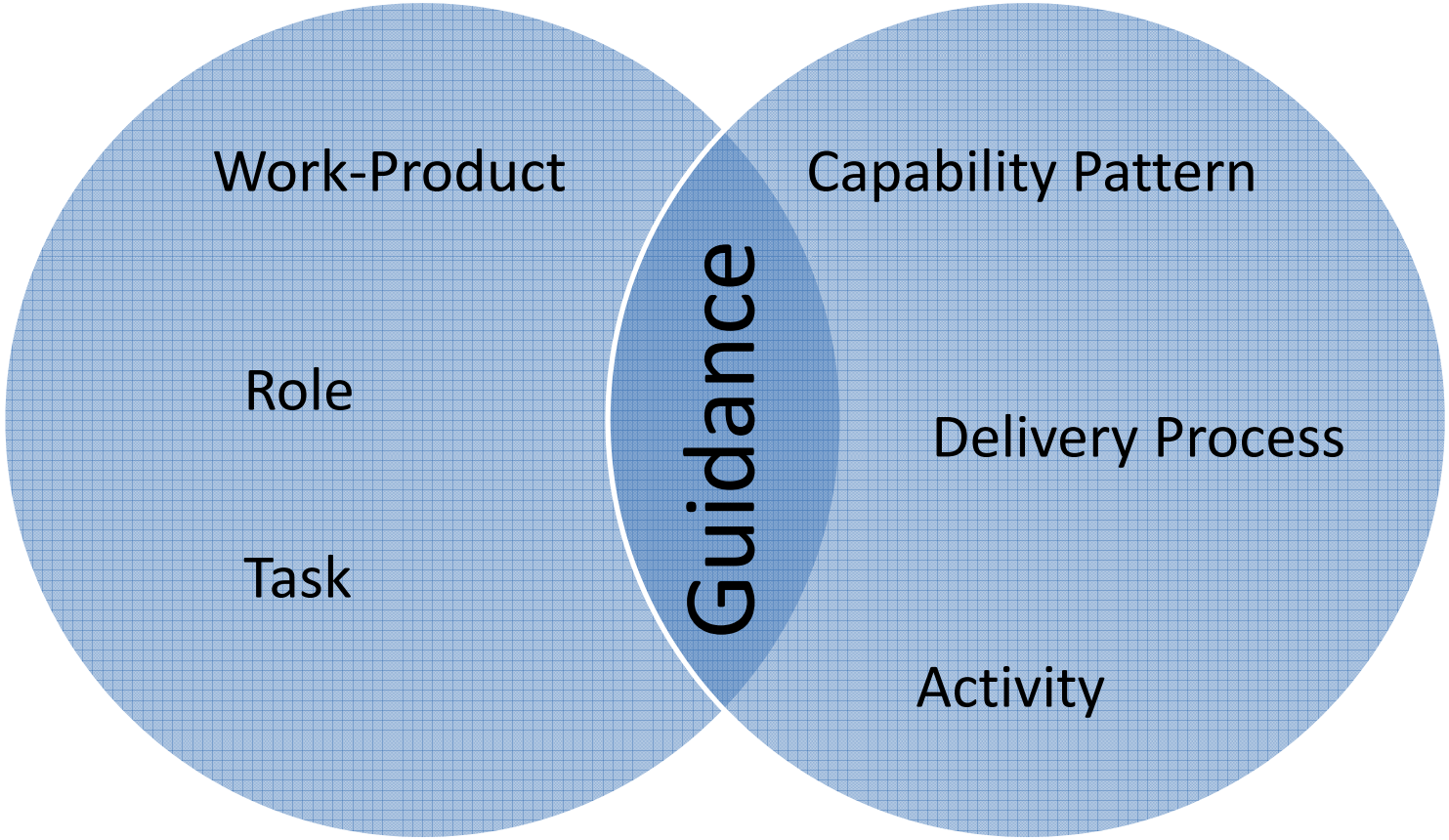
Unified Method Architecture



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Guidance Elements

- Checklist
- Concept
- Estimation Consideration
- Example
- Guideline
- Practice
- Report
- Roadmap
- Supporting Material
- Template
- Term Definition
- Tool Mentor
- Whitepaper
- Reusable Asset

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IBM Rational Method Composer

- Utilizes the UMA Architecture.
- Eclipse Based Product.
- Manages one process library.
- Plug-ins to separate method content.
- Browsing (testing) perspective.
- Authoring Perspective.
- Configuration as Deliverable.
- Wizard-driven publication.
- Export of tasks to Microsoft Project.
- Visual process engineering using activities, milestones etc.

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EPF and OpenUP

- Eclipse Project
- Open-Source Process
- Sponsored by IBM
  - Donated partial content from RUP for small projects.
  - Assigning contributors and team members
- Telelogic, Number Six, IBM, University of British Columbia, Xansa, Armstrong Process Group, Whatever Consulting, Ivar Jacobson International and others.

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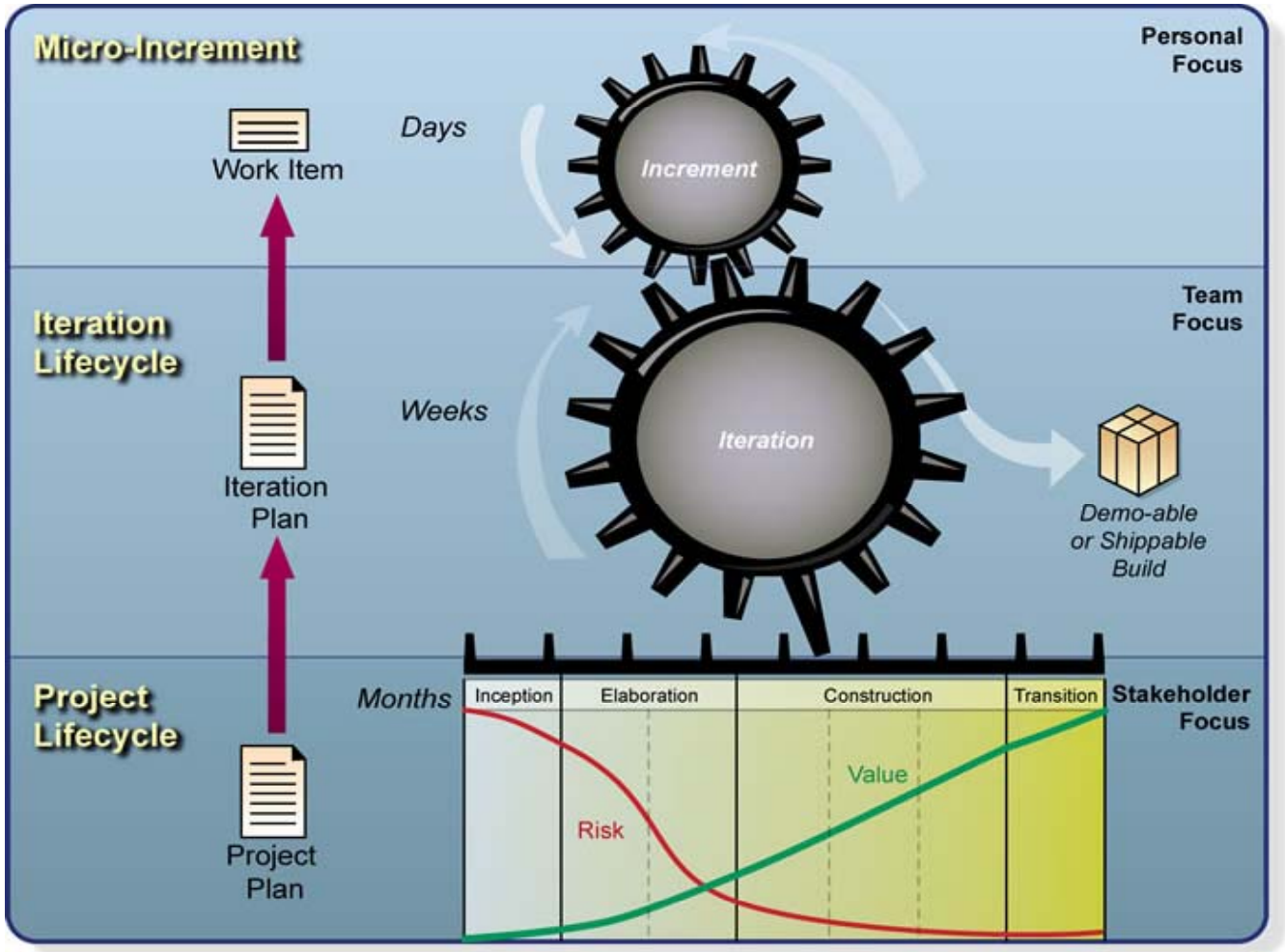
The OpenUP “Hump Diagram”



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EPF Composer

- Similar to RMC
- Release 1.2
- Download at: http://www.eclipse.org/epf
- Wiki-Integration
- Publication of custom categories

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New RUP Certification

- Title: IBM Certified Solution Designer – IBM Rational Unified Process v7.0
- IBM examination identifier: “839”
- Focus on:
  - Rational Unified Process - Phases and Disciplines
  - Rational Unified Process - Diagrams
  - UMA (Content, Process, Guidance)
  - Key Principles of Business-Driven Development
- 52 (39 to pass) Questions, 75 minutes
- RUP-Blog: http://www.jochenkrebs.com

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Agile Portfolio Management

- Definition
- Challenges of traditional project management
- Return of Investment
- Metrics
- Project Selection Process

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Agile Definition

- Adaptive
- Empirical
- Iterative
- Incremental
- Team-Managed
- Leadership vs. management
- Customer involvement

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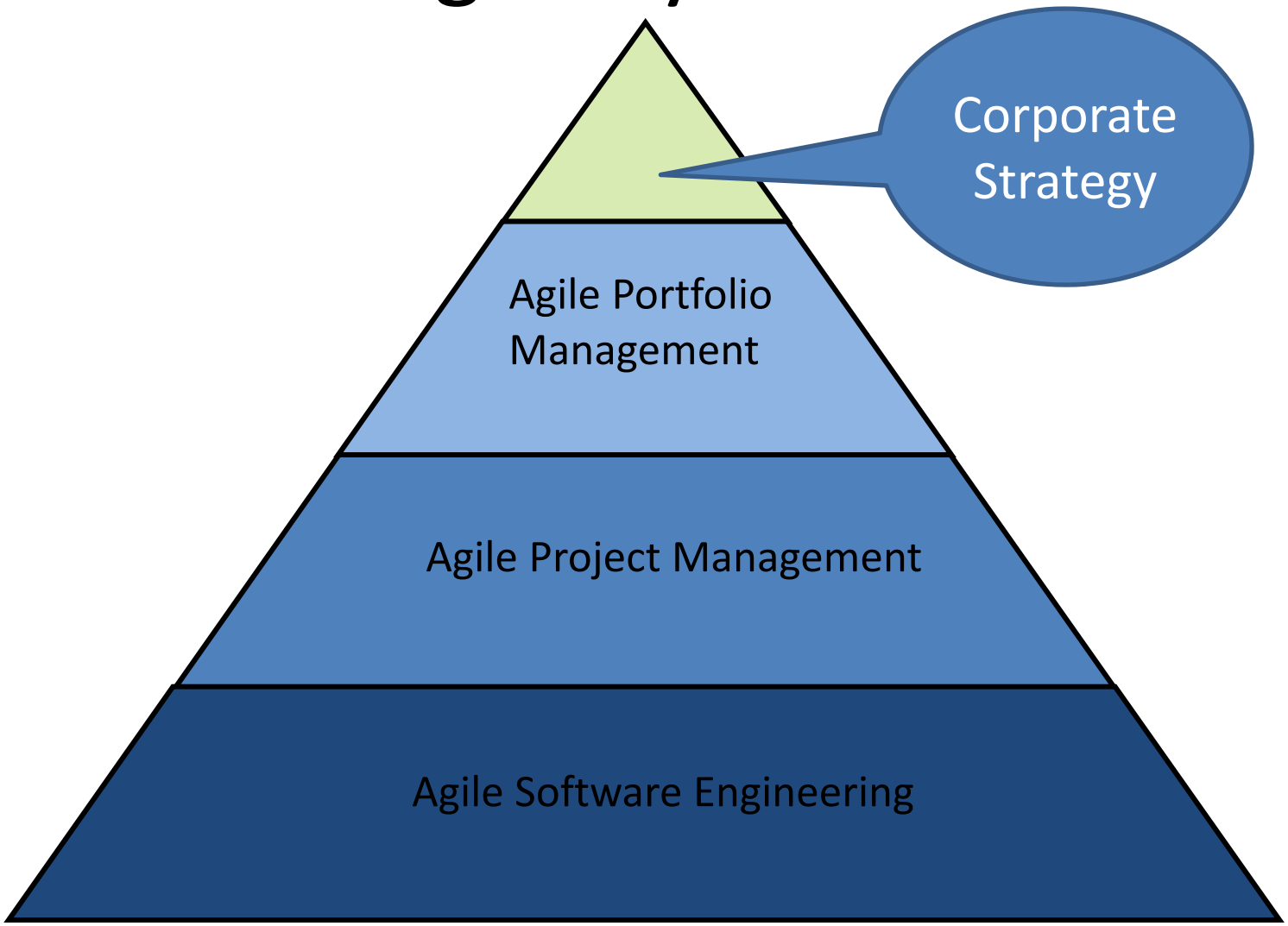
Agile Pyramid



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Challenges with Traditional Project Management in an Agile Project.

- Work- Breakdown Structure (WBS)
- Gantt-Charts
- Critical Path Analysis
- Project Reporting
- Team Hierarchy and Structure
- Innovation and Improvement
- Requirements Management

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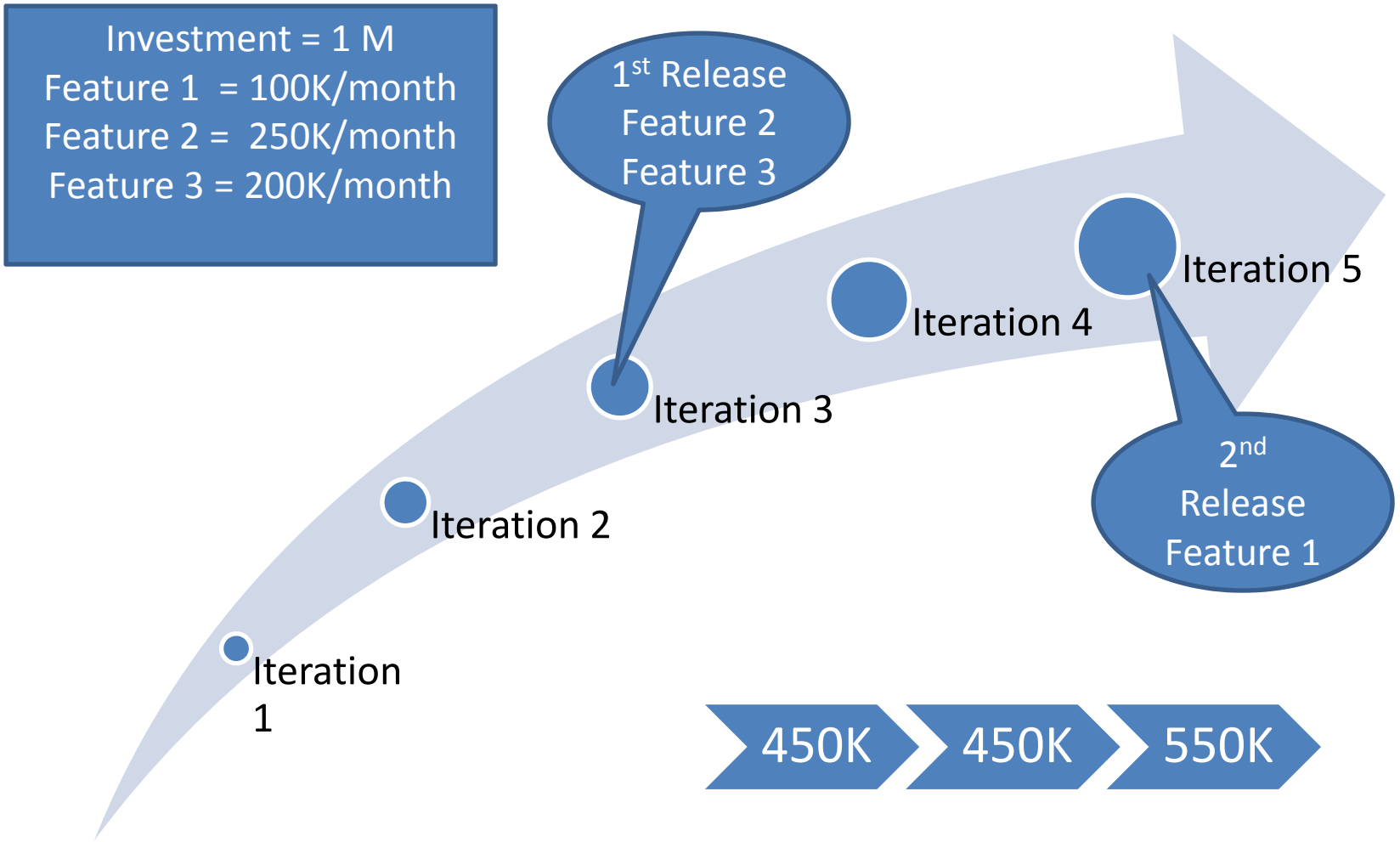
Return of Investment



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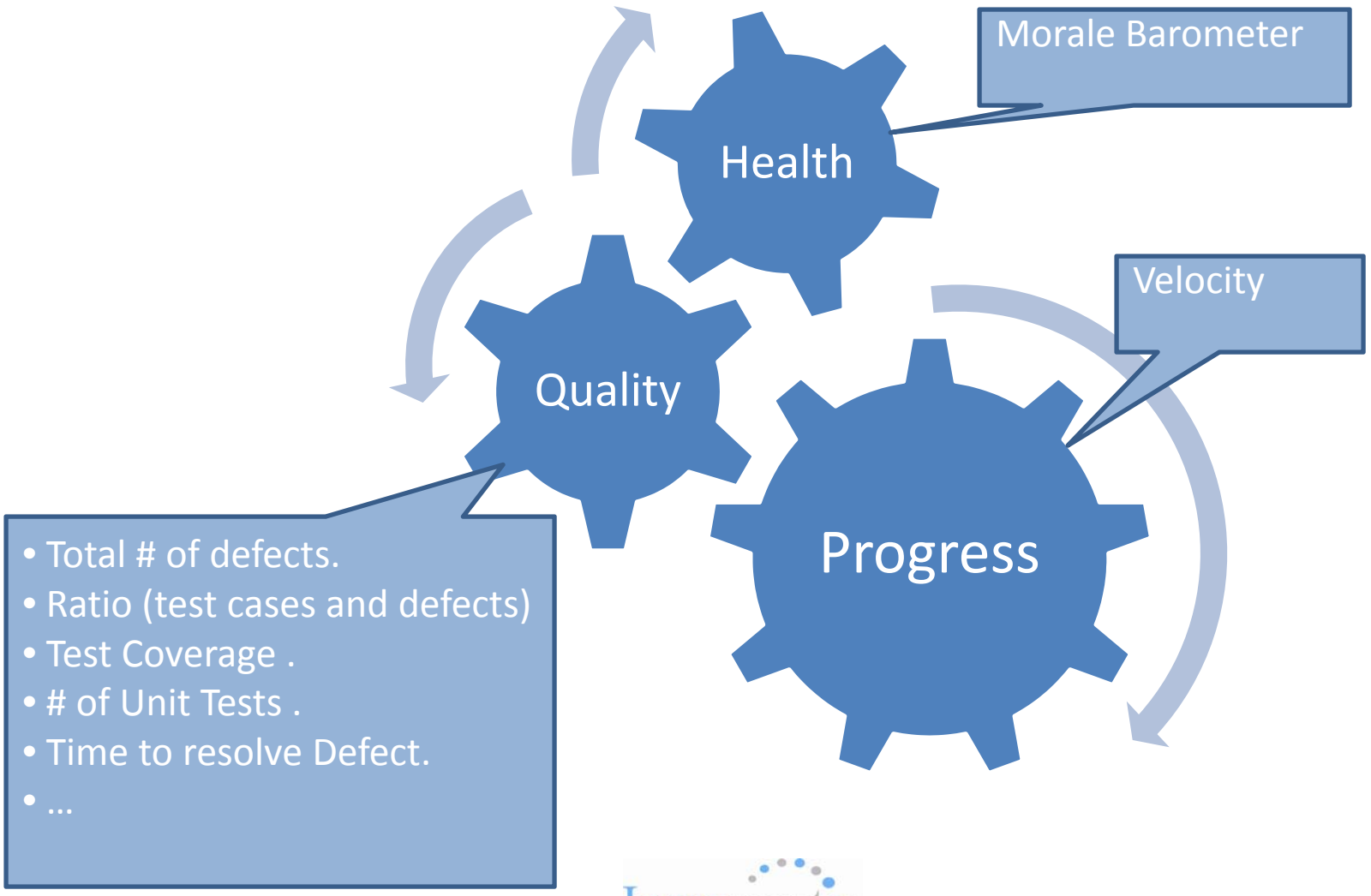
Metrics



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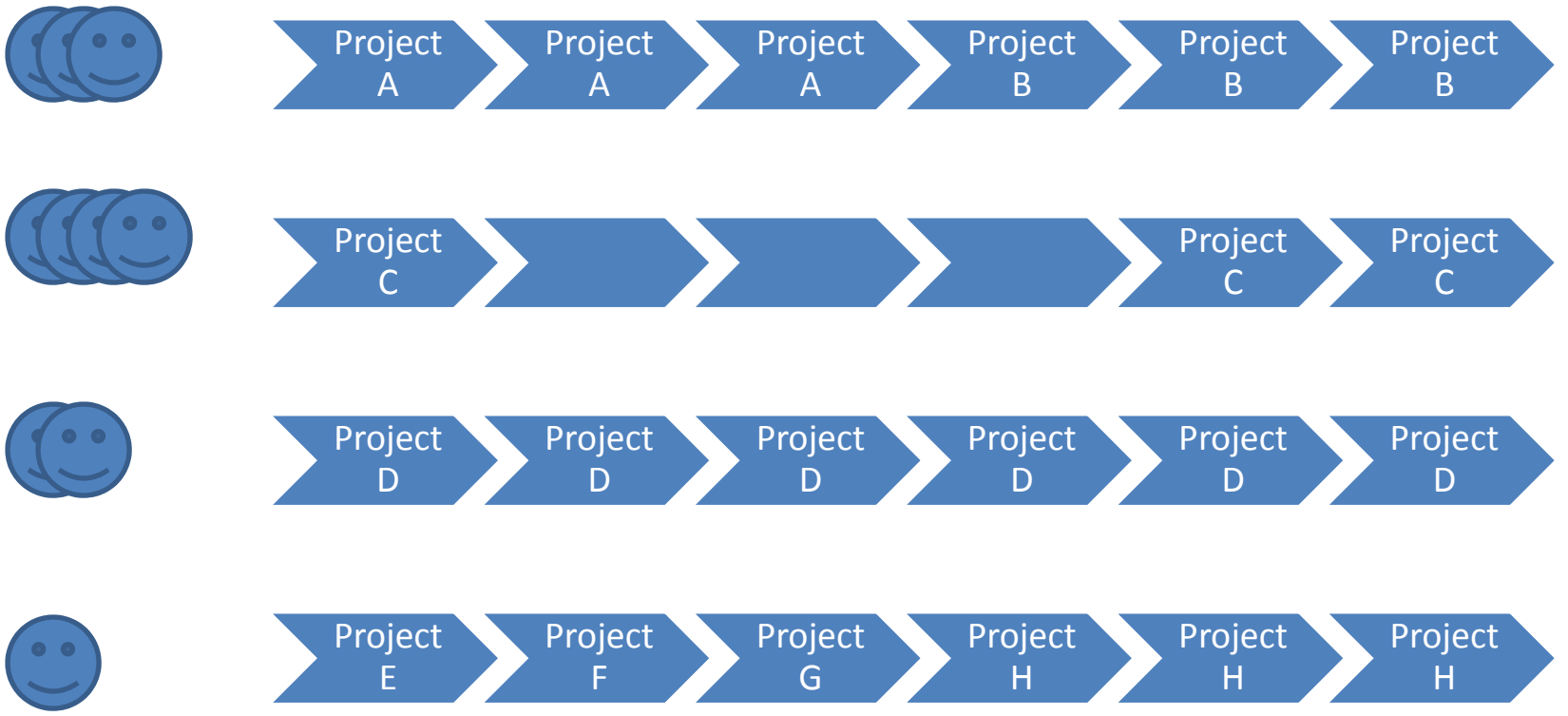
Project Selection Process



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Thank You!

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