Bridge Methods: Using a Balanced Project Practice Portfolio to Integrate Agile and Formal Methodologies

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Best Practices Get The Best Results

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Best Practices Get Mixed Results

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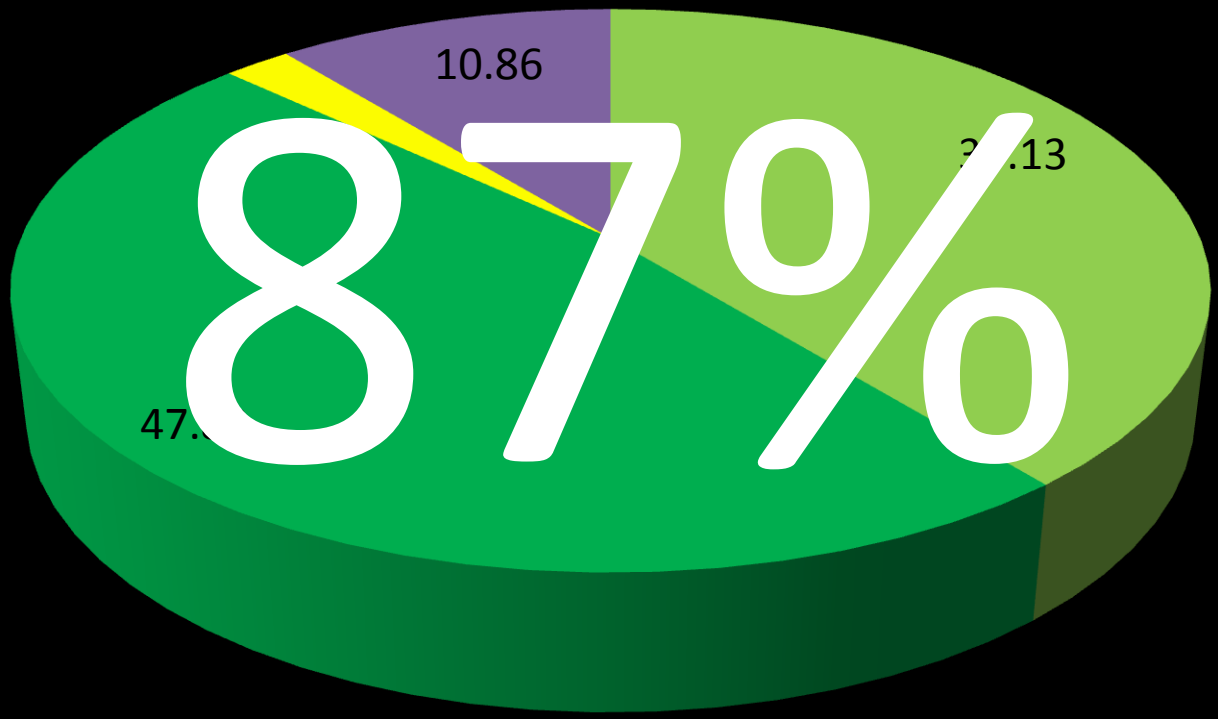
Best practices do not always result in uniform project success.



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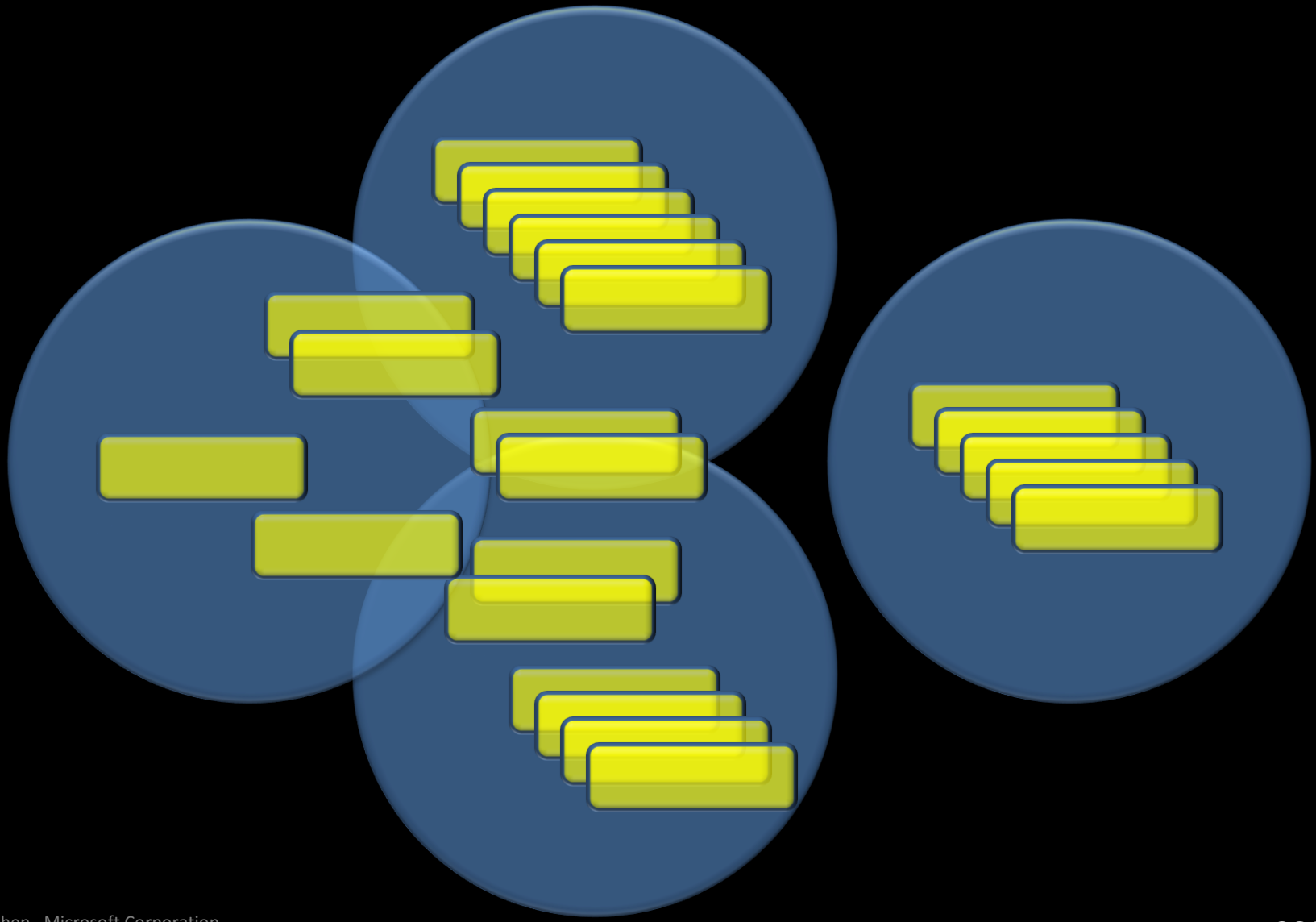
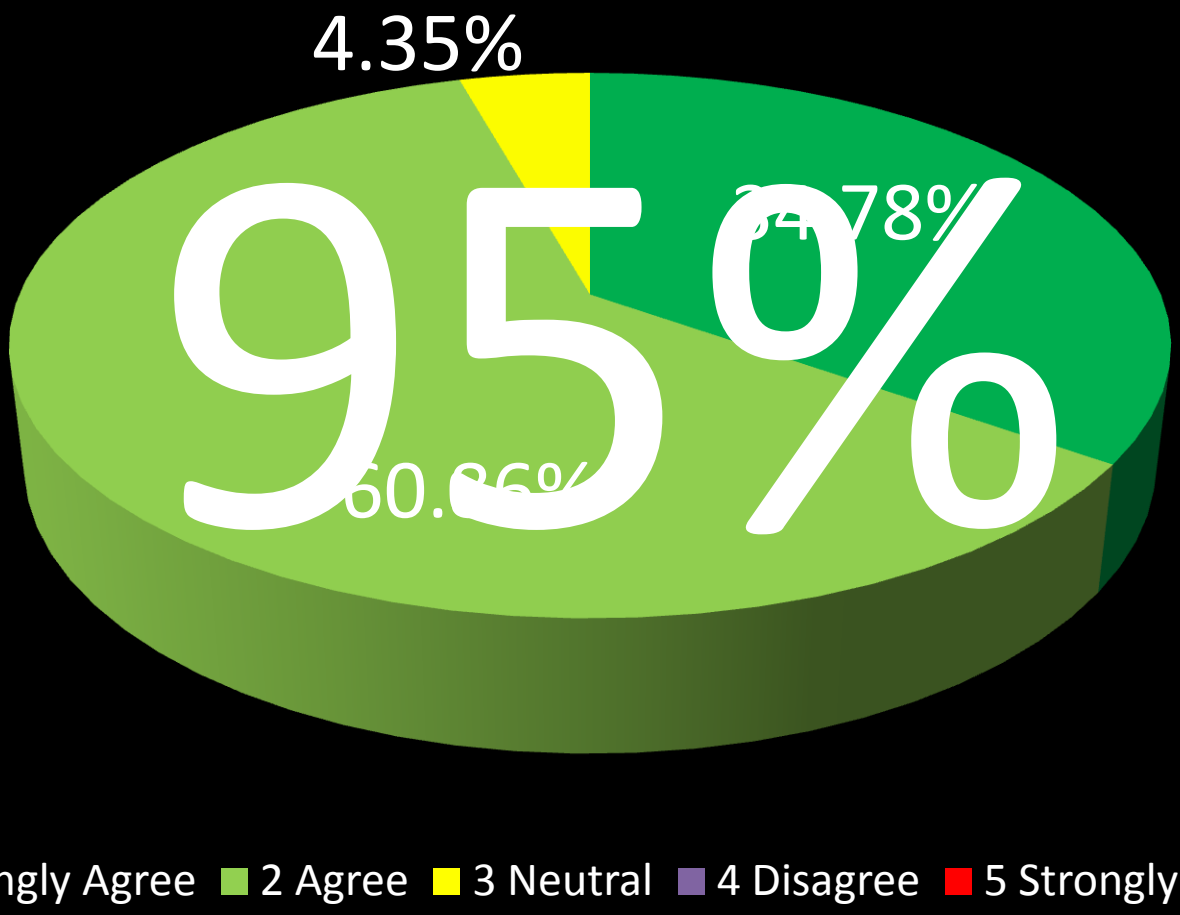
Practice Classes



Practices have weak “task” specificity

- Similar – but important nuances
  - Dimensions/Characteristics
  - Sequence
  - Materials
  - Preparation
  - Duration/Leadership/Delivery
  - Conditions
- Consequences
  - Lag Timing, persistence

There are different objective and perceived effects of various practices under varying situations



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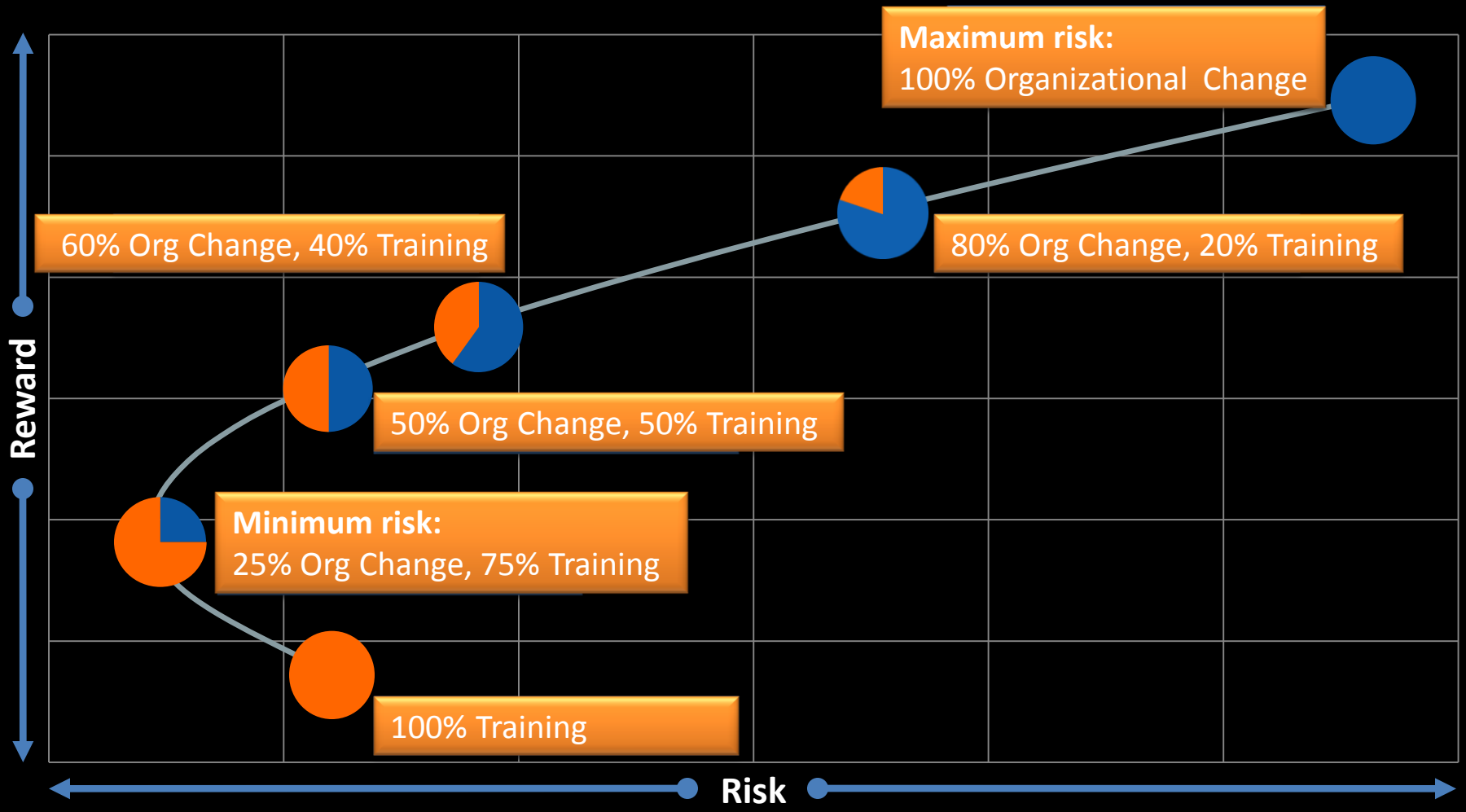
Mixing Classes Risk / Reward



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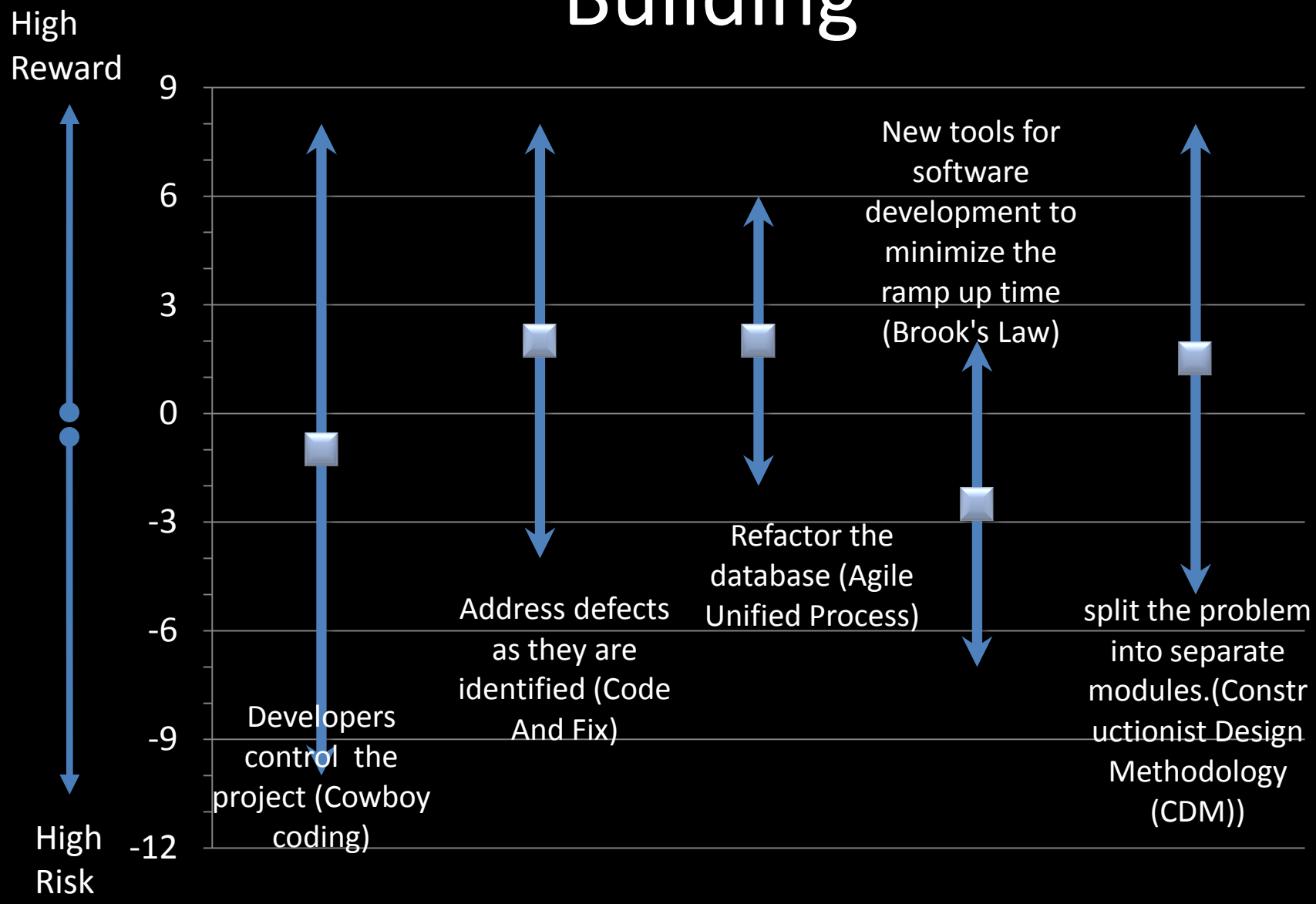
Building



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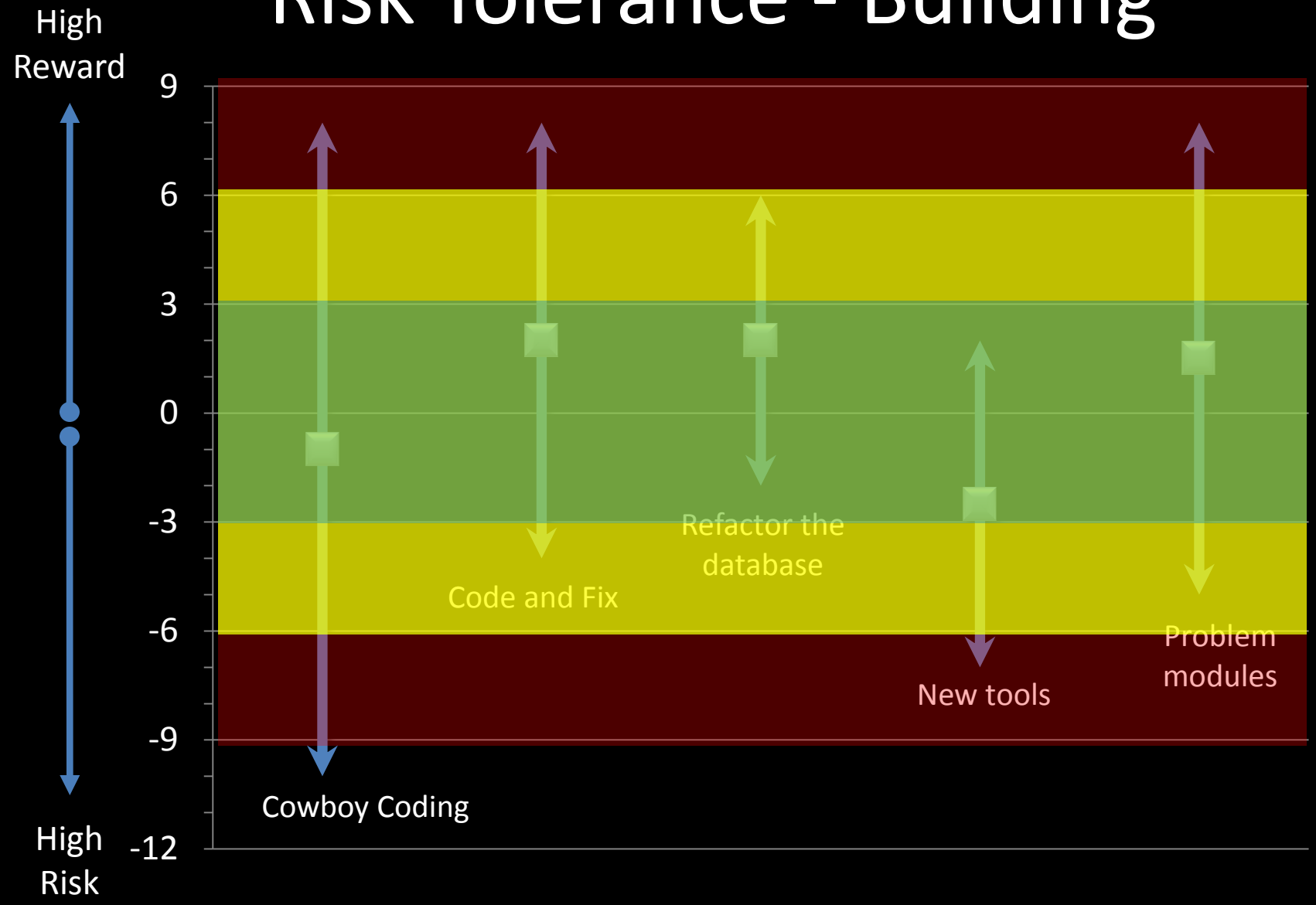
Risk Tolerance - Building



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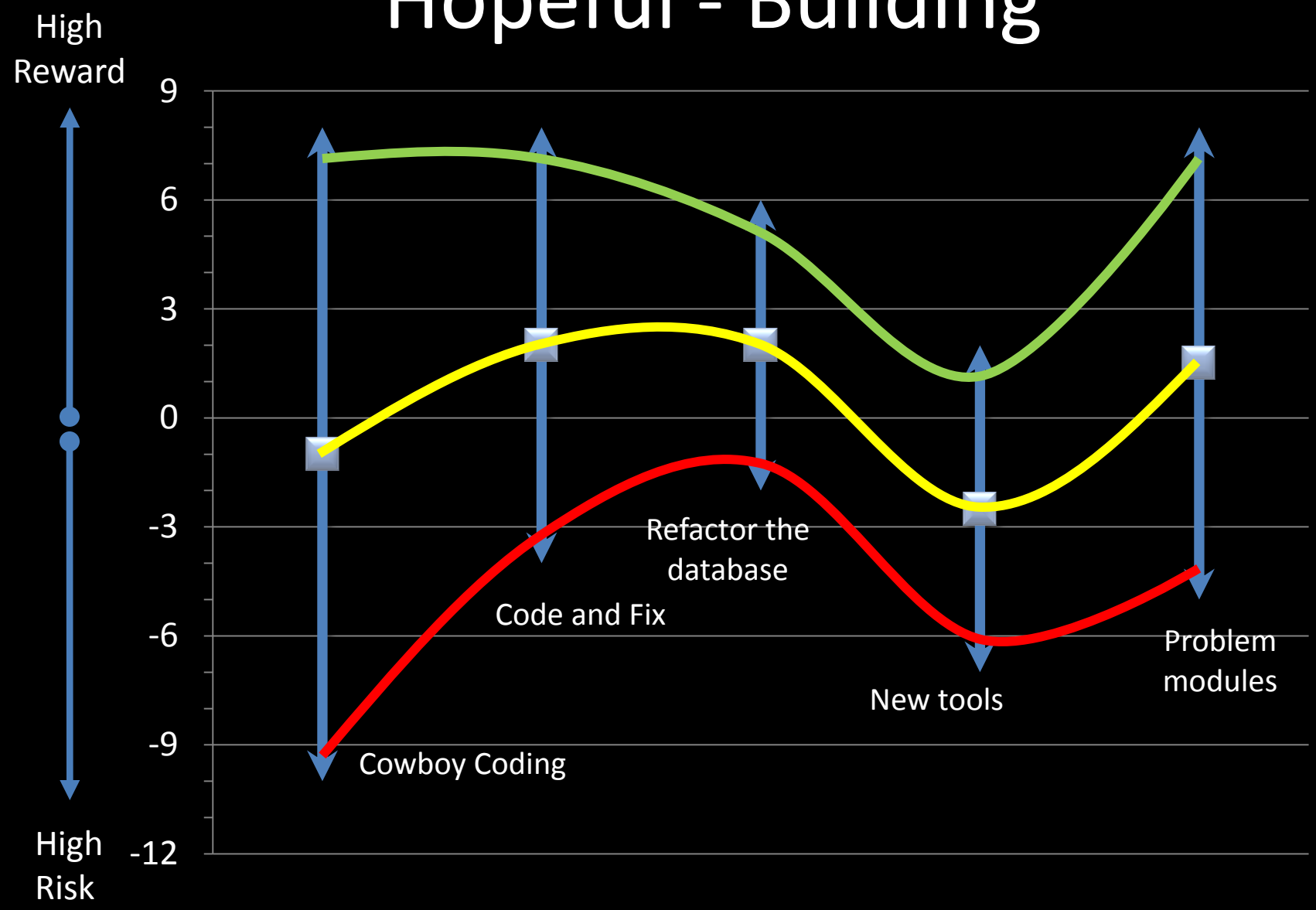
High, Medium, or Low Risk Practices

• Active Stakeholder Participation (Agile Modeling)	Medium
• Balance Capacity Against Demand (Kanban)	Low
• Completeness Must Be Sacrificed For Simplicity (MIT Approach)	High
• Development Of Code With High Cohesion And Low Coupling (Hollywood Principle)	High

Hopeful - Building



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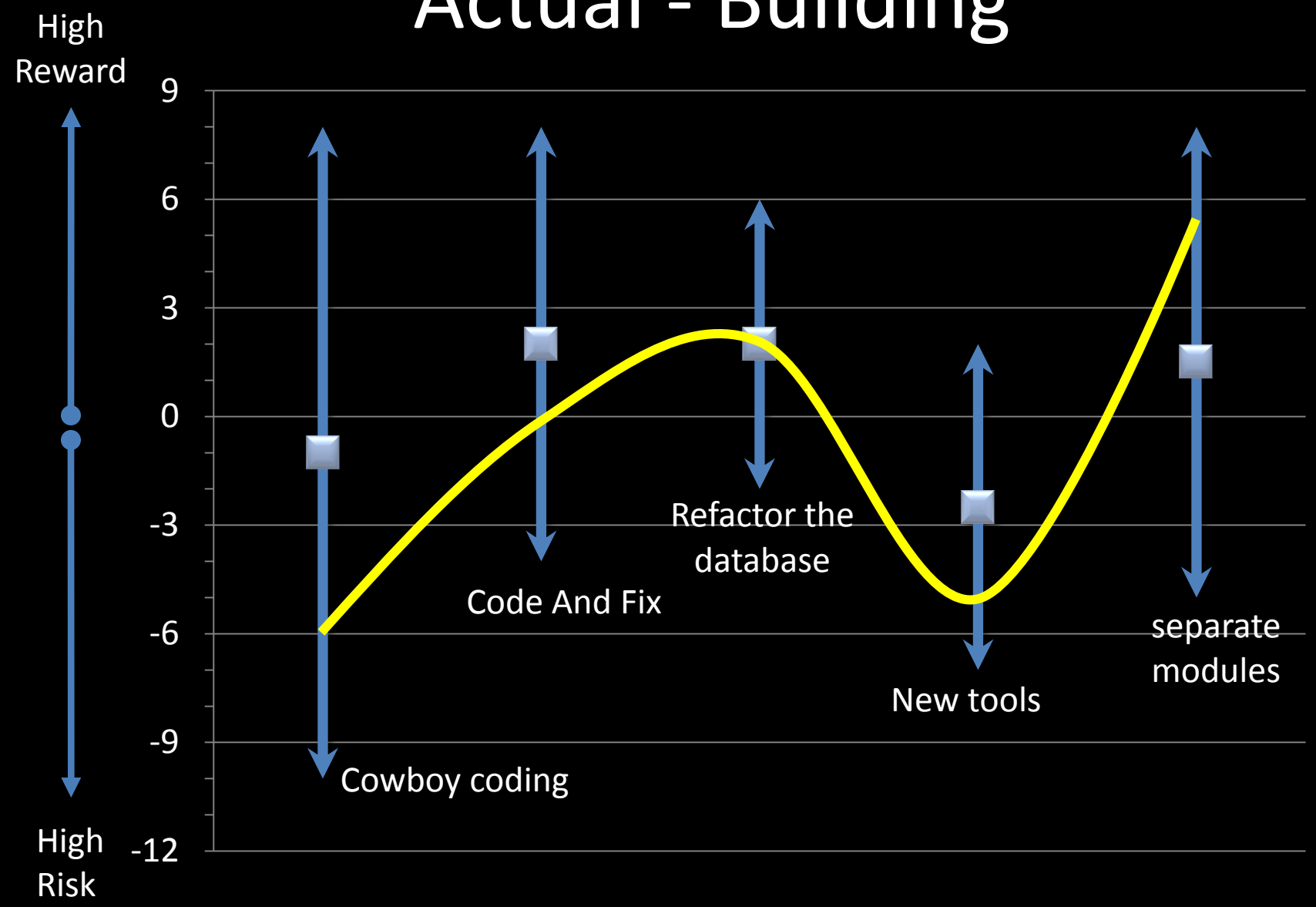
Actual - Building



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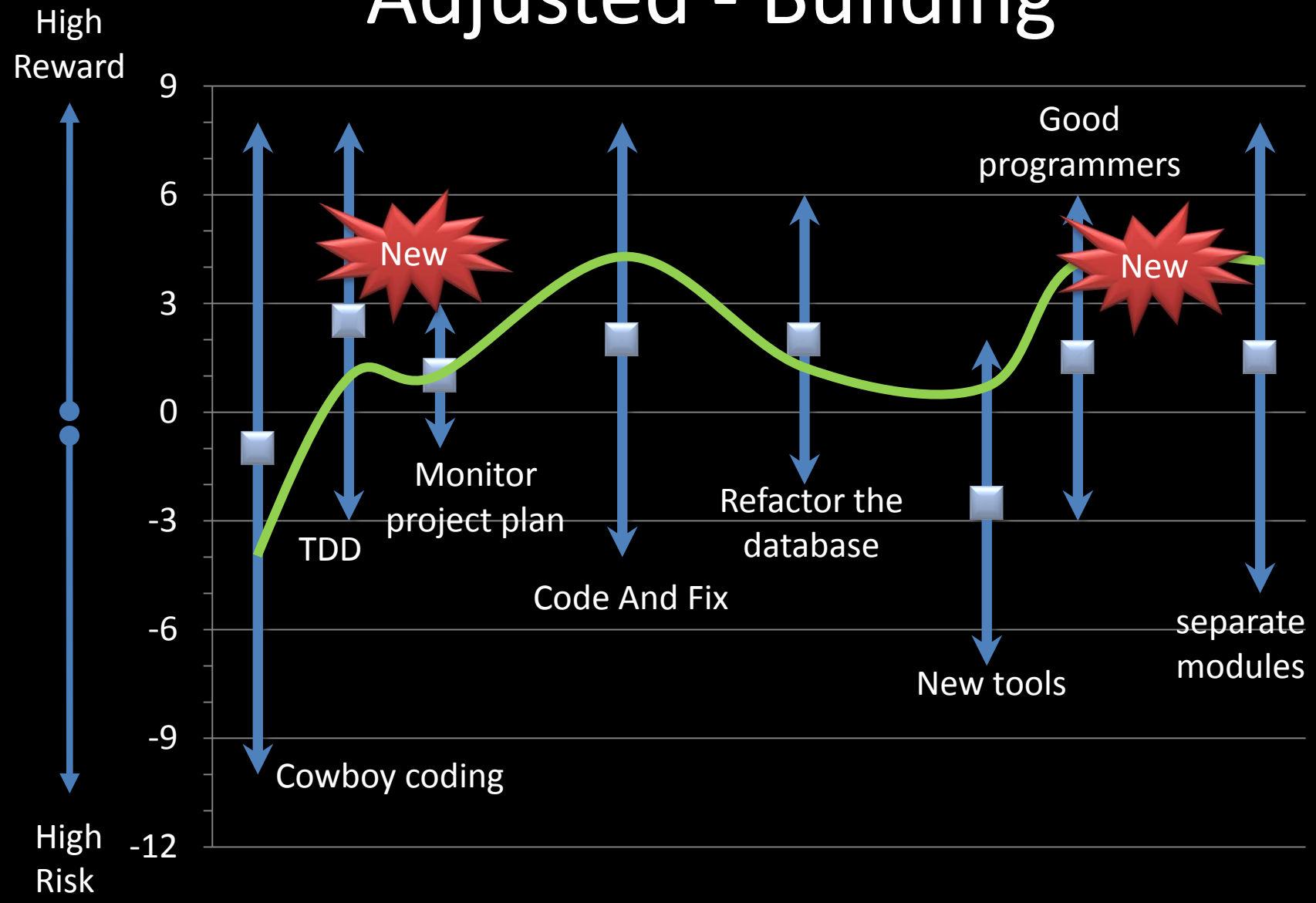
Adjusted - Building



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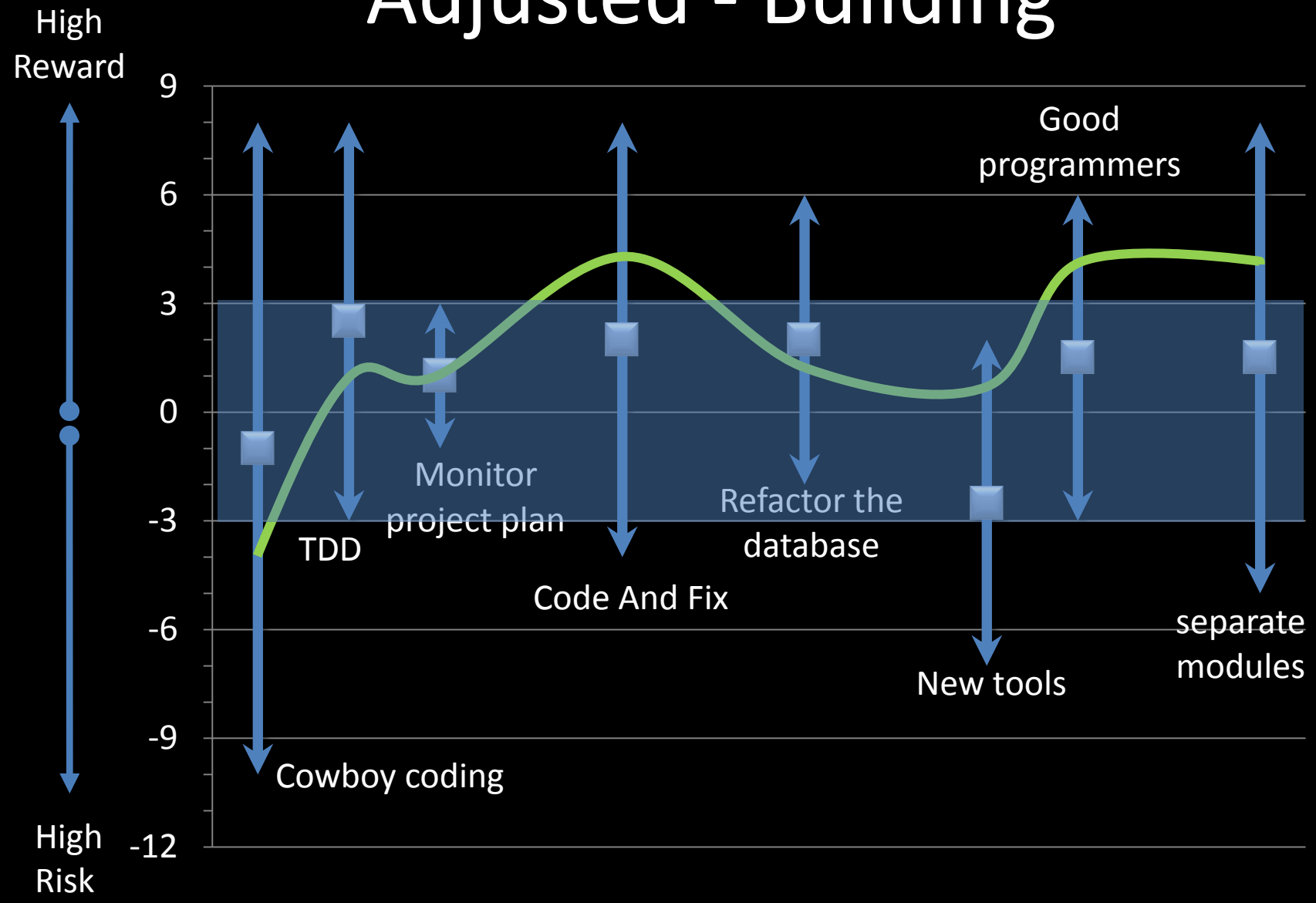
Adjusted - Building



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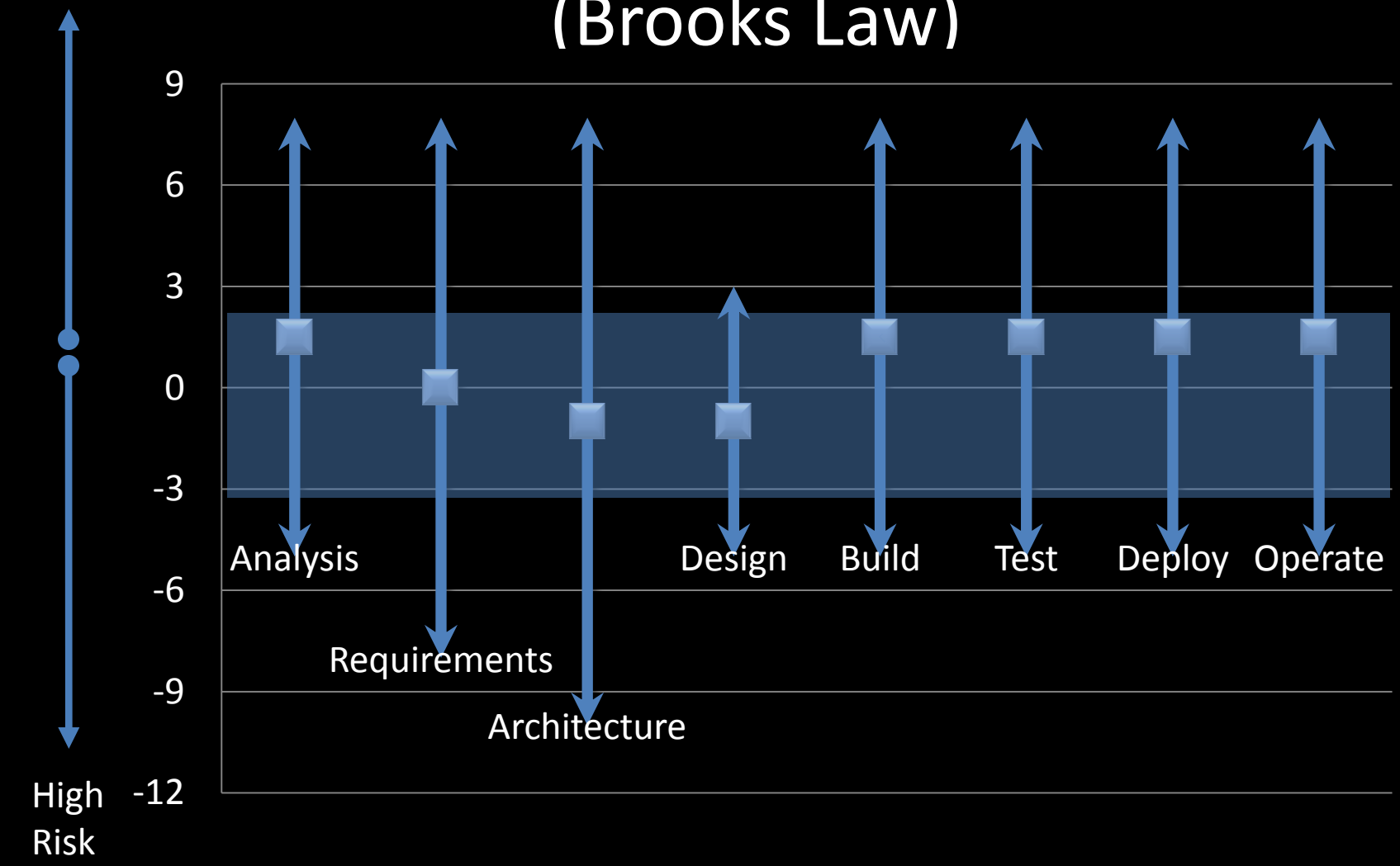
Good Programmers Or Specialists Can Be Added With Less Overhead For Training (Brooks Law)



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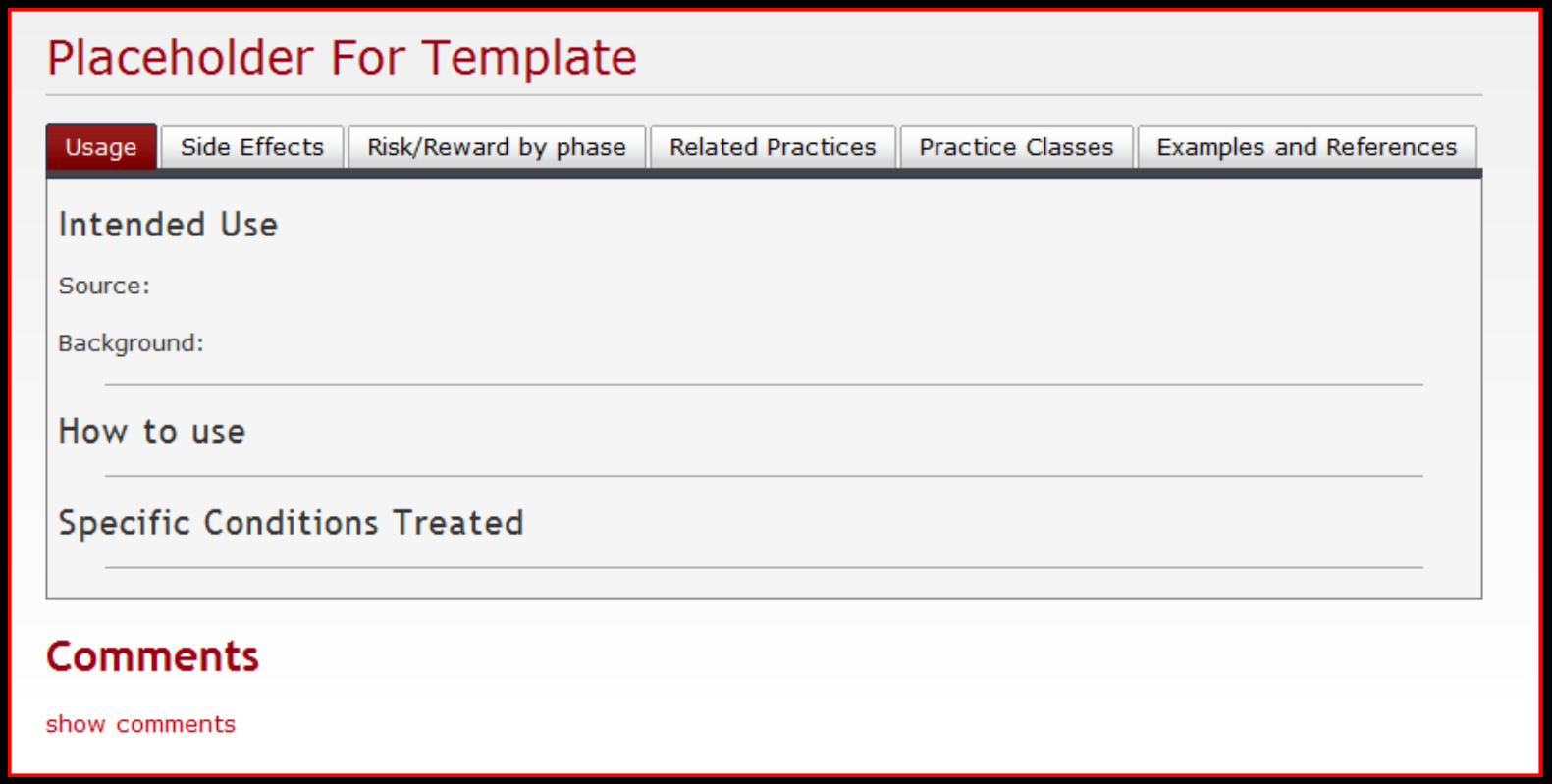
Thank You

The Future



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