

Holding Our Feet to the Fire

PNSQC

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Where We're Heading

- Barely Sufficient Methodology becomes Insufficient Methodology
- “Keeping models synchronized with code is a maintenance burden in any organization”

Consider the Following

- Intentionally coalesce the team
- Align the team to a shared vision
- Explicitly define delivered value
- Reasonably analyze the system
- Quantifiably express the desired quality

Build the Team

- Root causes for many issues at the human interfaces
- Consciously, proactively grease the wheels
- Explicit norms of behavior based on context

Align the Team

- Bring everyone on board with a shared vision
- The *same* destination is key
- Fosters motivation *at multiple levels*

Identify the Value

- Quantified, well beyond typical constraints
- Prevents artificial declaration of success
- Becomes a sounding board for all we do

Analyze the System

- Trend is in the wrong direction
- Rethink approach and 'completion'
- Grow your toolkit, apply as reasonable

Analysis as Accelerator

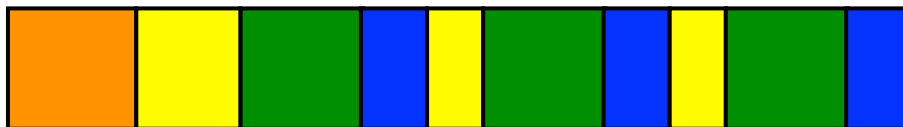
Those evil waterfall projects:



The agile approach:



An alternative proposal:



Quantify the Quality

- Rarely quantified across several dimensions
- Consider all stakeholders
- Supports multiple perspectives

Ignore at Your Own Risk

- Projects as a hierarchy of decisions
- Reduce assumptions, support agreement
- Infrastructure for safe deferral when appropriate
- Team sustainability as a success factor

5 Key Conversations

- Intentional building of the team
- Aligning to a shared vision
- Explicitly defining value
- Analyze the system as is reasonable
- Express desired quality in a quantified way

...Prefixed With This *Conversation*

- To what degree do these conversations impact:
 - This **team**, building
 - This **product**, in
 - This **context**



If you want to build a ship, don't drum up people to collect wood and don't assign them tasks and work, but rather teach them to long for the endless immensity of the sea.

Antoine de Saint-Exupery

Thoughts?

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