

# The Value of TSP in Agile Practices

Lightening Talk at the TSP Community of Practice Workshop

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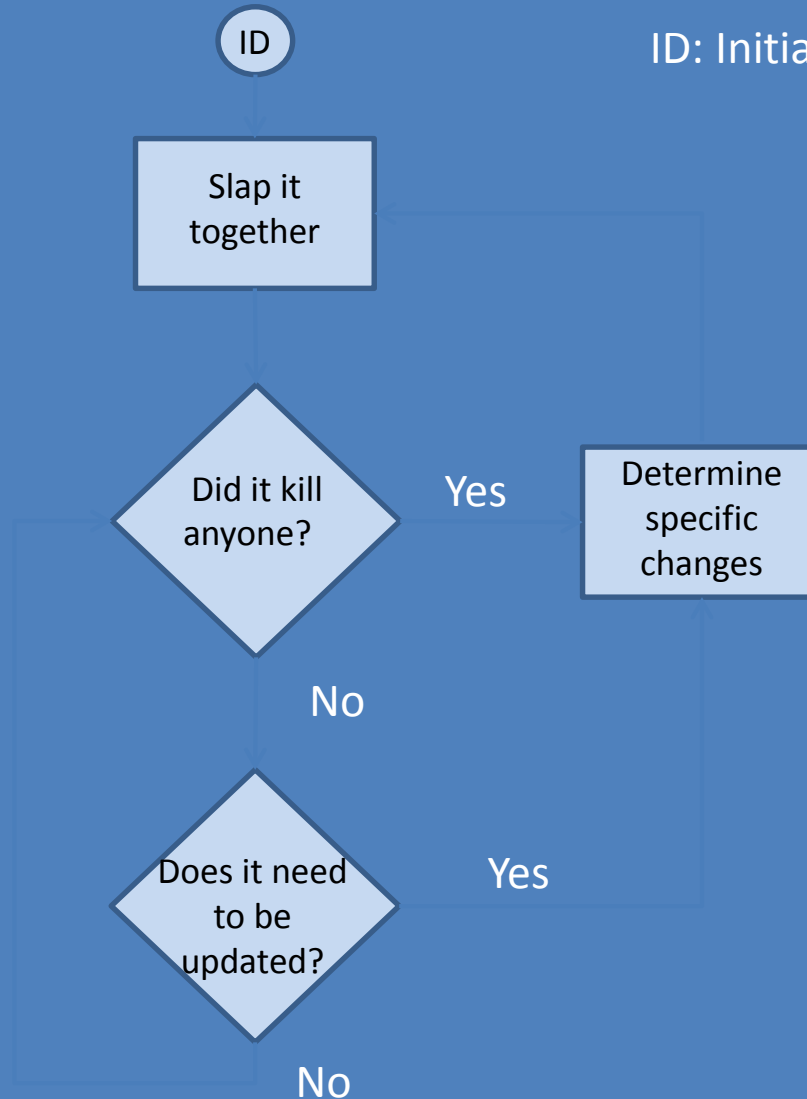
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“...technical advances are paid for with blood and tears.”

- David Saint-Amand  
TSP Symposium 2014

# The Engineering

ID: Initial “Design” Phase



Naval Air Training and Operating Procedures Standardization (NATOPS)

“The borders of the performance envelopes are written in blood.”

- Naval Aviator

# Value is

- Lowering the human cost of progress
  - Built-in Quality practices
    - Agile is searching for them
    - TSP derived them from the PSP
  - Won't sell the TSP
    - Except to a small group
    - Most “Agile” developers are “agile” developers
  - We need to catch coders early
    - Before they are polluted
    - When they are just learning bad habits

# Disciplined Individuals

- To advance TSP practices, focus on PSP practices
- Devolve PSP quality practices
  - Develop short lessons on discrete techniques
    - Defining and describing defects
    - Creating and using a basic checklist
    - Reviewing your personal work
    - Preparing for and participating in Inspections
  - Give them away
    - To Colleges and Universities
    - To interested Software Engineering undergraduates
    - High school student and hobbyists
  - Cultivate your market
    - Market advanced materials