Practical Software and Systems Measurement

A foundation for objective project management

Improving and Extending the SE Leading Indicators Thurs (7/27)

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PSM Users Group Conference
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Improving and Extending the SE Leading Indicators - Background

- The SE Leading Indicator Guide was released in Beta Version in Dec 2006
  - Contains 13 leading indicators covering five generic life cycle phases
- Now conducting pilots to validate the technical content of this guide
  - Need several major aerospace or defense contractors to participate in a six month pilot
  - The purpose of the piloting activity:
    - Investigate the validity of the leading indicators
    - Understand degree of tailoring necessary for broad deployment
    - Capture challenges associated with implementation
    - Identify any additional indicators used successfully in industry
- Also interested in any other feedback from users
- Feedback will be applied to a revision to produce a formal release version in early 2007

Objectives of the Workshop

- Explore and review the experiences of the pilots and potential user community
- Collect lessons learned and experience for these indicators
- Identify deficiencies and improvements for the indicators
- Identify new indicators that are needed by the user community
- Establish recommendations to the piloting procedure
- Identify additional candidate pilot organizations
- Establish a process for communicating ongoing feedback

Improving and Extending the SE Leading Indicators - Agenda

- Thursday, July 27
  - 1:30-3:45
    - Briefly review the contents of the beta guide
    - Review piloting activities/progress
    - Share lessons learned on measuring systems engineering leading indicators
    - Step through details/specifics of indicators (identify deficiencies, improvements and additional indicators)
    - Identify additional pilot projects
  - 3:45 – 4:00 Break
  - 4:00 – 5:15
    - Review the draft pilot feedback form
    - Establish a process for communicating ongoing feedback

Intended Output

- Lesson Learned
- Recommendations to guide
- Recommendations to piloting procedure
- Pilot data collection form
- Candidate pilot organizations

Workshop Title

Workshop Participants

Restatement of Objectives

Summary

Conclusions, Recommendations, and Results

Next Steps/Action Items