Practical Software and Systems Measurement

A foundation for objective project management

Mapping of 15939 to Other Standards and Publications

PSM Users Group Conference
Keystone, CO July 24-25, 2002

Department of Defense
U.S. Army
AGENDA

• Workshop Titles, Facilitators, Objectives of the Workshops

• Overall Objectives of the Workshops

• Workshop Background

• Workshop Locations

• Participants Invited
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Workshop Titles, Facilitators, and Objectives

• There will be three workshops on mapping, all three are ½ Day Workshops
  - 1st Workshop: Mapping of Measurement Standards to PSM and Models
  - Facilitators: Guy Mercurio and Pascal Rabbath
  - Objective: Review and finish the current mapping of international standards for measurement mapping - ISO/IEC 15939 to PSM v4.0b to PSM “The Book” to CMMI
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Workshop Titles, Facilitators, and Objectives

- 2nd Workshop: Mapping of Systems Engineering Standards and Models for Measurement
- Facilitator: Gary Roedler
- Objective: Extend the mappings to measurement segments of ISO/IEC 15288 and IEEE Systems Engineering Standards
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Workshop Titles, Facilitators, and Objectives

- 3rd Workshop: Mapping of Software Standards to PSM and Models
- Facilitator: Paul Croll and Perry DeWeese
- Objective: Extend the mappings to measurement segments of ISO/IEC 12207 and IEEE Software Standards
Overall Objectives of the Workshops

- When complete, mapping will show linkage of these standards and models related to measurement. This will be very valuable to the measurement community.

Diagram:
- ISO/IEC 15939
  - PSM Guidebook
  - CMMI
  - PSM “The Book”
- ISO/IEC 15288
- ISO/IEC 12207
Workshop Background

• **Why is Mapping Needed?**
  - With the use of various standards to guide the descriptions of practices, mapping will provide a more clear picture of how all these products are related in the area of measurement
  - Provides conformance with various standards
Interested Participants

• Those interested in measurement mapping to ISO documents, publications & models
• Good familiarity with ISO/IEC 15939 / 15288 / 12207, and PSM work products
• Knowledge about measurement needs and how various ISO documents and models relate to each other
Workshop Locations

• 1\textsuperscript{st} Workshop (3a): Mapping of Measurement Standards to PSM and Models
  Wednesday July 24, 1:15 – 5:15, Room TBD

• 2\textsuperscript{nd} Workshop (3b): Mapping of Systems Engineering Standards and Models for Measurement
  Thursday July 25, 8:30am - 12:00 noon, Room TBD

• 3\textsuperscript{rd} Workshop (3c): Mapping of Software Standards to PSM and Models
  Thursday July 25, 1:00pm - 4:30pm, Room TBD