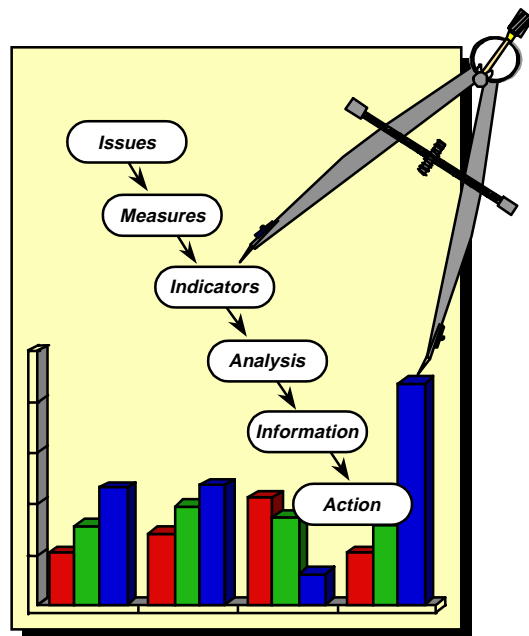


Practical Software Measurement

A guide to objective program insight



PSM Insight Beta Test Review and Feedback

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***Joyce Jakaitis
Scott Lucero
Dave Morris***

Workshop Participants

Gloria Anderson
Cathy L. Bickley
Mike Burnette
CDR. P.D. Darcy
Sabrina Doliles
Michael Eckley
Kevin Gannon
Ron Hartman

Mark Keenan
Larry LaBruyere
Linda Leslie
Clint Lewis
Glen Lyle
Mary Ann McGarry
Allen L. Porter

David Rollins
JoAnne Stone
Robert Straitt
Joe B. Thompson
Lindsey R. Thompson Jr.
Nancy White
Ron Wood

Restatement of Objectives

- Describe underlying architecture and design issues.
- Review tool features.
- Demonstrate Installation procedures.
- Develop Beta test procedures.
- Provide feedback on tool for 1.0 and beyond.

Workshop Summary

- Workshop Attendees provided valuable input.
 - Functionality
 - Usability
 - Scope of Tool
 - Types of Analyses needed
 - Technical recommendations

PRACTICAL SOFTWARE MEASUREMENT

Release 1:

- Attributes on x-axis (Relates to indicators)
- Attributes/Structures to be displayed in the outline components
- Calculated Fields
- Changing I/C/M
- Data Validation (at least on manual data and hopefully on electronic import)
- Define Indicator Groups
- Deleting/Modifying I/C/M
- Forward/Backward Compatibility
- Normalize Data model
- On-Line Help (Context Sensitive) and Documentation
- Print data dictionary
- Report Risk Information associated with an issue
- Reports
- Saving Filtered Views (Relates to saving indicator data)
- Structures/Aggregation

PRACTICAL SOFTWARE MEASUREMENT

Release 1.1:

- Data Input Forms
- Data Sheet to Indicator
- Export to other Insight Workstations
- Security
- Windows 3.1 (Support through R1.x

Release 2:

- Archive/Restore
- Export database
- HTML Output
- Integrated Estimation Functions
- ODBC
- Overlay Graph capability
- Print data dictionary/E-R Diagram
- Program Profile Information
- Repository
- Second y-axis
- Training – Tutorial – Video

PRACTICAL SOFTWARE MEASUREMENT

Release 2.1:

- Control Panel

Release 3:

- Reliability Growth Model (Super-Metric)

Conclusions And Recommendations

- Provide functionality allocated to Release 1.
- Investigate/identify security requirements.
- Investigate/identify requirements for multiple program support.

Next Steps - Action Items

- Design Indicator capability.
 - Decision tree
 - Graph types
 - Saving specifications
- Implement (code) “Structures”
- Re-examine the steps necessary to create a measure.
- Fix known bugs.