

# ***Practical Software and Systems Measurement***

***A foundation for objective project management***



## ***Software Product Quality Modeling***

***16 July, 1:30pm – 5:00pm***

***PSM 7<sup>th</sup> Annual Users' Group  
Conference***

***Dave Zubrow***

## **Workshop Participants**

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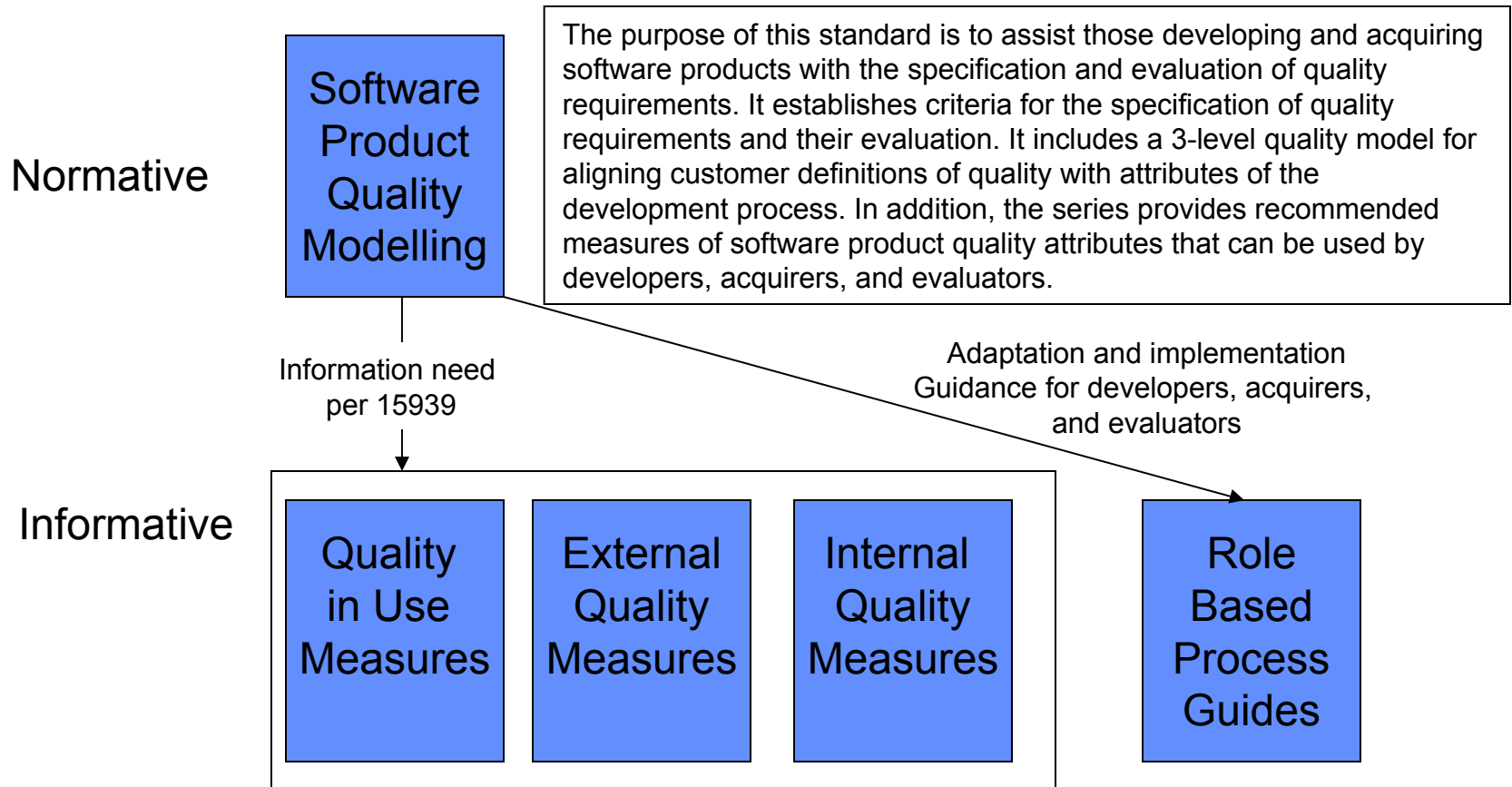
# ***Conclusions, Recommendations, and Results -1***

- ***ISO/IEC Working Group 6 has proposed a suite of several specialized standards***
  - ***A bottom up perspective: harvesting data that “surely must exist”***
  - ***Rather than a top-down approach abstracting down from purpose to details***
- ***This is bad measurement practice: What’s the (implicit) purpose?***
- ***Results in several, fragmented, stove piped documents***

# ***Conclusions, Recommendations, and Results -2***

- ***The legacy content of 9126 & 14598 should be harmonized into a single normative standard***
  - ***Emphasizing software product quality modeling***
- ***There is no need for a separate normative standard for quality measurement***
  - ***Guidance about how to apply 15-939 in measuring quality can appear as informative material in the standard***
  - ***It remains to be seen whether quality evaluation (14598) should be normative or informative***
- ***The standard ought not be limited to software***
  - ***Especially given ISO's emphasis on harmonizing software & systems***

## *Proposed Alternative Document Structure*



## ***Next Steps/Action Items***

- ***Prepare a 25000 architecture analysis & position paper for WG 6***
  - ***Volunteers: Dave Zubrow, Dennis Ahern (reviewer), Bob Martin, Mal Davis, Dennis Goldenson***