

# A view from OMG

Dock Allen, OMG RT SIG Chair

## *A view from OMG?*

No. A view from a specifier and  
user of RT products

Dave Emery

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**with** Standard\_Disclaimers;

**use** A\_Grain\_Of\_Salt;

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```
#include <Standard_Disclaimers>
```

```
#ifdef Grain_Of_Salt ...
```

# My Background

- Standards Writer
  - POSIX, Ada, CORBA, Architectural Representations
- Software Developer
  - Programming environments, ATC systems
- Systems Evaluator/Reviewer/Kibitzers
  - C2 and embedded (weapon) systems
- Systems Specifier
  - C2 systems, Realtime DII COE

# What we don't need

- More SDOs in an already crowded field
- More meetings to go to
- More standards to learn and integrate
- More concerns about products
  - Conformance to standards
  - Quality of product
  - Performance
- More people telling applications developers how to do their jobs

# What we do need

- More precision in standards and specifications
- Quality measures for standards and implementations
- Understanding of ‘realtime-ness’ and ways to measure it
- Conforming products that “play well with others”
- Help with the “COTS combinatoric maintenance problem” ( $n$  products can conflict in  $n!$  ways...)
- Allow domains to define their own integration approaches

# What this forum can contribute

- Identify state of the practice, state of the art in performance, behavior and quality measures
- Focus R&D into Quality-of-Service and related behavior issues
  - Specification of behavior
  - Evaluation of behavior
- Establish testing programs that measure both conformance and performance