

Working session Agenda

- Project introduction and history
- Technology list (so far)
- Discussion



SHDA - System Health / Debugging / Analysis

- Purpose: Manage the domain-interaction integration challenge through better tools
- How:

Seeking out, evaluating, consolidating and recommending Tools and Standards that support development of distributed systems with cross-domain interactions.

- Basic definitions:
 - System Health, Debugging, Logging, Tracing



Definitions – Debugging

Finding and fixing software defects, after the effect of the defect has been noticed.

(During product development).



Definitions – System Health

Automated monitoring and remedy of problems, incorrect behavior and warning signs during normal operation

(Product is deployed)



Definitions – Logging

Reporting of internal state, often in a free format, for the purpose of understanding the system

(During development & sometimes in deployed product)



Definitions – Tracing

Structured and detailed logging of internal system state, such that it enables automated processing

(During development & sometimes in deployed product)



SHDA - System Health / Debugging / Analysis

- At the heart of managing integration complexity
- Challenges:
 - Tools are diverse, partly overlapping, incomplete, incompatible, operating-system specific, ...

What do we have? What do we still need?

Call to action: Come and talk to us about this!!

What do you use?

What do you recommend?

What do you need?

What's the overall challenge?



Get other departments involved (testing, QA, (security) yrimarket local) 16-17, 2018 | 8