# A Rapid Testing Framework

**Context**
"In this murky, complex, volatile, social world,
and given our limited time and materials..."

**People**
"There are people who matter..."

**Requirements**
"who have both explicit and implicit
needs and desires for a product."

**Development**
"As this product is being developed,
and perhaps long afterward, too..."

**Product Risk**
"There is a danger that it will have important problems,
and risks in the project that drive those problems."

**Mission**
"We have agreed to serve our clients
by understanding those requirements,
examining the product as needed,
to evaluate risk."

**Test Strategy**
"To fulfill our mission we develop and refine
a requisite variety of ideas that guide..."

**Activities**
"reasonably inexpensive yet sufficiently powerful things
that testers do, learn, apply, and construct,
both formally *and informally*."

**Testing Story**
explicit *and tacit* narrative
about the status of testing

- Level 1: How's the product?
- Level 2: How do we know?
- Level 3: How's the testing?

**Reporting**
"making sense of the test process, progress, and results
and rendering that into a compelling
testing story..."

**Learning**
"studying the product or anything related to the product
or the context of its use, by any useful or necessary means,
to develop mental models by which to test..."

**Skills & Heuristics**
"Applying skills, knowledge, and
fallible methods of solving problems..."

**Test Results**
explicit *and tacit* outcomes
of specific tests

**Models**
explicit *and tacit* representations
of the product and context of use

**Testers & Team**
"dedicated testers do the work
while soliciting the help of others, too..."

**Performing Experiments**
"enacting our test procedures to discover
reliable answers to our clients' questions..."

**Designing Experiments**
"synthesizing ideas and mechanisms by which
we systematically question the status of the product..."

**Test Procedures**
explicit *and tacit* ideas and mechanisms
by which people configure, operate,
observe, and evaluate the product...

**Test Lab & Tools**
"using *and questioning* our tools
and test lab infrastructure..."

**Coverage**
"examining aspects of the product
both intentionally *and incidentally*..."

**Oracles**
"applying our knowledge *and feelings*
to detect important problems..."