WHAT CAN WE DO WHEN WE LACK ADEQUATE TESTS?

58th CREST Open Workshop
Breakout discussion summary
CREATE TESTS

• EvoSuite
• Record real world usage
• Re-use tests from tests across (compatible) components
• Metamorphic testing
• Symbolic execution
• Isomorphic Regression Testing
MEASURE TESTS

See COW 57 on Information Theory and testing to measure the quality of tests and how to create diversity in test suites.
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Galois: is a bot that can create a high level specification and that the programmer/tester can ask questions in “English”.