

- Failure prediction (Nagappan 06)
- Finding bugs via bugs (Williams 04)
- Predicting source code changes (Ying et al 04)
- Finding common error patterns (Livshits 05)
- Changes on Friday induce bugs (Sliweski et al 05)

• Do et al 2005

CVS Repository Mining

Applications with seeded faults

AFID ('08)

• Bug localization benchmarks (Dallmeier and Zimmermann 07)

Research with program monitoring techniques

Replay Systems for debugging applications

CVS + Regression test cases

- Safely execute untrusted code (Sekar et al 03)
- Rapid user file system development (Spillane 07)
- Fault injection (Some 2001)

- Replay exact execution (Steven 00)
- Replay for parallel systems (Leblanc 87)
- Replay for multi-threaded (Choi & Srinivasan 98)

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w.r.t faults

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