| | | Examples | Enforcement Techniques |
|----------------------|---|--|---|
| Primary Applications | Open Source Codebases Ruby on Rails | Redmine Fedena OpenCongress Diaspora ShareTribe | Feral Validations Weak Isolation RAMP Transactions |
| | Database Constraints ANSI SQL, OLTPBenchmark | Uniqueness Primary Key Foreign Key Sequentiality Abstract Data Types | Weak Isolation RAMP Transactions Nested Atomic Transactions |
| | Isolation Guarantees Read/Write Traces | Read Uncommitted Read Committed Repeatable Read Cut Isolation Atomic Visibility | Write buffering Sticky routing RAMP-Fast RAMP-Small RAMP-Hybrid |
| Principle | Invariant Confluence Arbitrary Database State | Transactions x Invariants x Merge Operator | Abstract Execution Model |