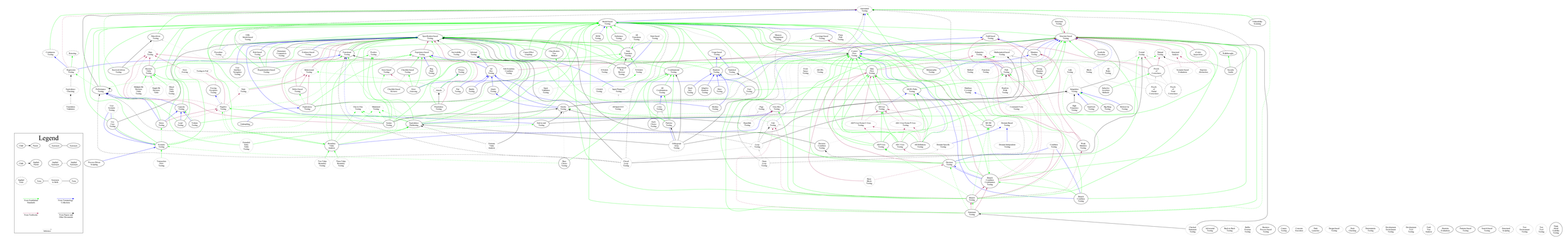
Legend
Child
Parent
Variation
Extension
Child
Sibling
Related Concept
Related Concept
Sibling
Related Concept
Term
Variation or Alias
Term
Term Establishes Standards
Term Governs Collection
Term Tools/Aids
Term Passes and Other Documents
Reference
Automated Testing
Unit Testing
Integration Testing
Performance Testing
Regression Testing
Exploratory Testing
Acceptance Testing
Smoke Testing
Sanity Testing
Usability Testing
Accessibility Testing
Security Testing
Compatibility Testing
Localization Testing
Globalization Testing
Stress Testing
Load Testing
Volume Testing
Scalability Testing
Capacity Testing
Failover Testing
Recovery Testing
Configuration Testing
Installation Testing
Uninstallation Testing
Upgrade Testing
Migration Testing
Backup Testing
Restore Testing
Disaster Recovery Testing
Fault Injection Testing
Chaos Engineering
Resilience Testing
Reliability Testing
Endurance Testing
Soak Testing
Spike Testing
Breakpoint Testing
Concurrency Testing
Thread Safety Testing
Deadlock Detection
Race Condition Testing
Memory Leak Detection
Profiling
Benchmarking
Micro-benchmarking
Macro-benchmarking
Baseline Testing
Regression Detection
Continuous Performance Testing
Test Data Management
Test Environment Management
Test Infrastructure
Test Orchestration
Test Parallelization
Test Sharding
Test Isolation
Flaky Test Detection
Flaky Test Quarantine
Test Retry Mechanism
Test Result Reporting
Test Dashboard
Test Metrics Collection
Code Coverage Analysis
Mutation Testing
Static Analysis
Linting
Code Review
Pair Programming
Mob Programming
Peer Review
Pull Request Review
Commit Hook
Pre-commit Hook
Post-commit Hook
Build Automation
Continuous Integration
Continuous Delivery
Continuous Deployment
Blue-Green Deployment
Canary Deployment
Rolling Deployment
Feature Flag
Feature Toggle
Dark Launch
Shadow Testing
A/B Testing
Multivariate Testing
Split Testing
Cohort Analysis
Funnel Analysis
Conversion Rate Optimization
Heatmap Analysis
Session Recording
User Feedback
Net Promoter Score
Customer Satisfaction
Error Tracking
Exception Handling
Logging
Structured Logging
Log Aggregation
Log Analysis
Alerting
Monitoring
Application Performance Monitoring
Real User Monitoring
Synthetic Monitoring
Uptime Monitoring
Health Check
Readiness Probe
Liveness Probe
Service Level Indicator
Service Level Objective
Service Level Agreement
Error Budget
Incident Management
On-call Rotation
Escalation Policy
Runbook
Playbook
Post-mortem
Root Cause Analysis
Five Whys
Fishbone Diagram
Timeline Reconstruction
Blameless Culture
Chaos Monkey
Game Day
Tabletop Exercise
Red Team
Blue Team
Purple Team
Penetration Testing
Vulnerability Scanning
Dependency Scanning
Software Composition Analysis
License Compliance
Supply Chain Security
Code Signing
Artifact Repository
Container Registry
Image Scanning
Kubernetes Testing
Helm Chart Testing
Service Mesh Testing
Sidecar Proxy Testing
Ingress Testing
Egress Testing
Network Policy Testing
Secret Management
Certificate Management
Mutual TLS
API Gateway Testing
Rate Limiting
Throttling
Circuit Breaker
Bulkhead
Retry Logic
Timeout Configuration
Idempotency
Eventual Consistency
Strong Consistency
Distributed Transaction
Saga Pattern
Two-Phase Commit
Event Sourcing
CQRS
Message Queue Testing
Publish-Subscribe
Dead Letter Queue
Message Ordering
Exactly-Once Delivery
At-Least-Once Delivery
At-Most-Once Delivery
Schema Evolution
Backward Compatibility
Forward Compatibility
Contract Testing
Consumer-Driven Contracts
Provider Verification
Pact Testing
API Versioning
Deprecation Policy
Rate Limit Testing
Quota Management
Billing Integration
Usage Metering
Multi-tenancy Testing
Data Isolation
Tenant Provisioning
Onboarding Flow
Offboarding Flow
Data Migration
Schema Migration
Database Migration
Seed Data
Test Fixtures
Factory Pattern
Builder Pattern
Object Mother
Test Doubles
Mock
Stub
Spy
Fake
Dummy
Test Double Framework
Dependency Injection
Inversion of Control
Service Locator
Plugin Architecture
Extension Point
Hook System
Event Bus
Publish-Subscribe
Message Broker
Kafka Testing
RabbitMQ Testing
Redis Testing
Elasticsearch Testing
Database