JMeter

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What is JMeter?

- Is a 100% pure Java desktop application designed to load test functional behavior and measure performance.

- Was originally designed for testing Web Applications but has since expanded to other test functions

Features

- Can load and performance test HTTP and FTP servers as well as arbitrary database queries (via JDBC)

- Complete portability and 100% Java purity .

- Full Swing and lightweight component support (precompiled JAR uses packages javax.swing.*).

- Full multithreading framework allows concurrent sampling by many threads and simultaneous sampling of different functions by separate thread groups.

Features

- Careful GUI design allows faster operation and more precise timings.

- Caching and offline analysis/replaying of test results.

Extensibility

- Pluggable Samplers allow unlimited testing capabilities.
- Several load statistics may be chosen with pluggable timers .
- Data analysis and visualization plugins allow great extensibility as well as personalization.
- Functions can be used to provide dynamic input to a test or provide data manipulation.
- Scriptable Samplers (BeanShell is fully supported; and there is a sampler which supports BSF-compatible languages)

Thank you!

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