



Technical Showcase

CE Workgroup Linux Foundation / Embedded Linux Conference Europe

Fuego Test Framework

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What is demonstrated

Fuego

The screenshot shows the Fuego Test Automation Framework interface. It features a sidebar with links for New Test, People, Test Run History, Edit Dashboard, Documentation, Manage Jenkins, Scripter, and Exclusion administration. Under Targets Status, it lists 'Master' (Idle), 'bbb' (Idle), 'bbb-poky-sdk' (Executing Benchmark.dbench #4), 'lager' (Idle), 'lager2' (Idle), and 'bbb2' (Idle). The main area displays 'Test Automation Framework' with tabs for History, Benchmarks, Functional, all, batch runs, and +. The 'Latest tests runs' table lists several benchmarks and functional tests with their run numbers, dates, platforms, and devices. Below this is a 'Test Run statistics' table showing the status of the test run (Failed, Unstable, Success, Pending, Disabled, Aborted, Not built) and the number of test runs for each status.

What was improved / features

- Embedded-specific test framework:
 - Host/target configuration
 - Abstraction of target access methods
- Easy integration of Yocto Project toolchains/SDKs



- Jenkins interface (front end)



- Pre-packaged tests (over 50)



- Simplified installation
 - Uses Docker container



- Used by LTSI and AGL projects

Hardware Information



BeagleBone Black
Sony Debug Board 2.1



Source code or detail technical information availability

code: <https://bitbucket.org/tbird20d/fuego/>
docs: <http://bird.org/fuego>