



Fuego Test Framework

Tim Bird, Core Embedded Linux Project

What is demonstrated

Fuego

Test	Run	Time	Platform SDK	Device
Benchmark.dbench	#3	Apr 3, 2016 4:21:28 PM	bbb-poky-sdk	bbb-poky-sdk
Benchmark.dbench	#2	Apr 3, 2016 4:07:22 PM	bbb-poky-sdk	bbb-poky-sdk
Benchmark.Dhrystone	#1	Apr 3, 2016 4:07:08 PM	bbb-poky-sdk	bbb-poky-sdk
Functional.bzip2	#1	Apr 3, 2016 4:06:56 PM	bbb-poky-sdk	bbb-poky-sdk
Functional.posixtestsuite	#1	Apr 3, 2016 3:59:44 PM	bbb-poky-sdk	bbb-poky-sdk
Benchmark.dbench	#1	Apr 3, 2016 3:58:22 PM	bbb-poky-sdk	bbb-poky-sdk
Functional.bc	#1	Apr 3, 2016 3:57:35 PM	bbb	bbb

Status of the test run	Description	Number of test runs
Failed	Failed	1
Unstable	Unstable	0
Success	Success	5
Pending	Pending	54
Disabled	Disabled	0
Aborted	Aborted	0
Not hvill	Not hvill	0

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

Source code or detail technical information availability

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

Hardware Information



BeagleBone Black
Sony Debug Board 2.1

