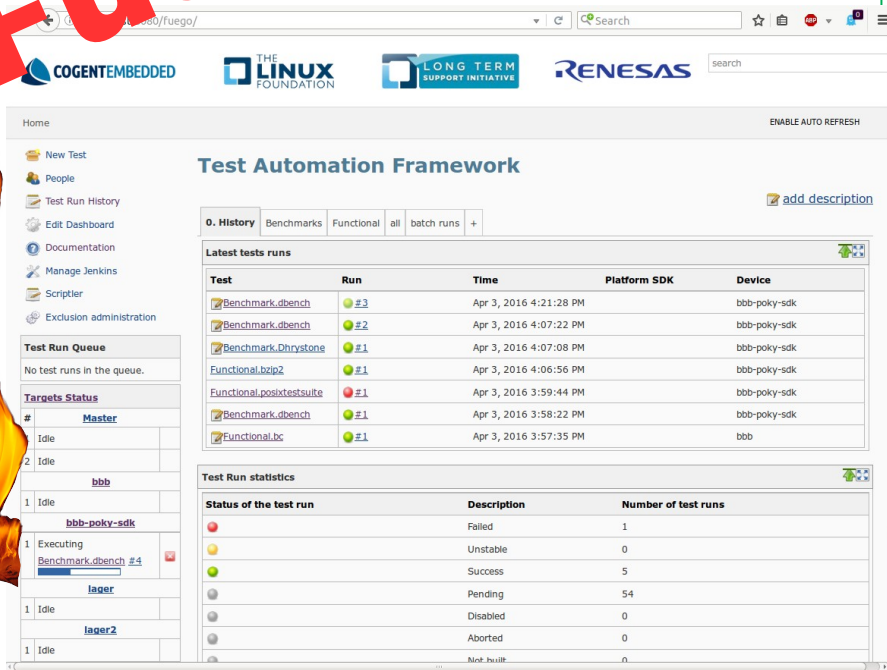# Fuego Test Framework

Tim Bird, Core Embedded Linux Project

What is demonstrated

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

Quick Boot Up Magic

Thomas Brown / Brown Corp.

What is demonstrated

Surprisingly quick cold boot up…..

What was improved

It eliminates the unnecessary process fork during boot up time….. See the sample code here.

```
main (args argv)



                              0);


                             E);




        …
        }
```

Sample

Hardware Information
Power PC 440
32MB NAND Flash Memory …..

Source code or detail technical information availability
The patch was sent to LKML in Sep. 20xx