

LAVA Workshop @LCA-13



Mar 5-7, 2013: 4 hours full of LAVA Intro, Hacking & Discussion

The Linaro Automated Validation Architecture (LAVA) is an open source test and validation platform available for individuals and companies who wish to establish a test infrastructure for any flavor of Linux running on ARM chips.

The Workshop

The LAVA Workshop @LCA-13 consists of 4 hours of packed LAVA information for interested attendees of LCA-13. All you need is your LCA-13 registration badge, your laptop with some prerequisites pre-installed and the motivation to get your hands dirty on LAVA administration and test case development.

1. Introduction - Tuesday 5 March 2013/10am-11am in Grand Ballroom B

Dave Pigott will give a high level introduction about LAVA, including a historical overview as well as insight into the current state of development and plans. After this, Tyler Baker will present a 15 minute story of an Android OEM that chose LAVA as a central piece of their sophisticated CI and validation solution.

2. Hands-On LAVA - Wednesday 6 March 2013/4pm-6pm in Grand Ballroom B

The Hands-on LAVA session is the core piece of the LAVA workshop. During the first hour Antonio Terceiro and Senthil Kumaran will guide the audience through the installation process of a complete LAVA system on their laptop. The second hour will then focus on teaching the audience how to use lava-test-shell to develop and run custom LAVA test cases in their just-installed LAVA server.

3. Q&A + Wrap-Up - Thursday 7 March 2013/12pm-1pm in Grand Ballroom A

To wrap up the LCA-13 LAVA Workshop, we have set aside a full hour dedicated to open discussion and Q&A. Kate Stewart, and Alexander Sack, will moderate this discussion with our LAVA experts (on site and dialing in). To make this session as productive as possible, we plan to collect questions before and during the workshop, in addition to answering those raised in the session. In case you can't attend this session, rest assured that we will write a FAQ capturing the questions and answers discussed and make it available after LCA-13.

The LAVA workshop is part of the Linaro Connect event, which is packed with discussion and planning sessions on most aspects of Linux on ARM, hacking sessions and a few morning keynotes by leading industry players. The full event runs from Monday 4 March through to Friday 8 March and the schedule is published here: www.linaro.org/connect/schedule.

How to participate

1. Register for LCA-13: <http://connect.linaro.org>

2. Register for the "Hands-On LAVA" Session (Wed 4pm)

- max. 20 participants - first come, first served.
- e-mail lca13-lava@linaro.org with Subject: "LAVA Workshop" (allow 3 days for a response)
- we will send detailed hardware/software requirements to you 1 week before the event

3. Show up for the "Introduction" Session (Tue 11am)

- constrained by room size -> show up early to get a comfortable seat!

4. Send in your questions for the "Q&A + Wrap-Up" Session (Thu 12pm)

- at any time, before or during the workshop, send your questions to lca13-lava@linaro.org