Continuous Integration & Automated Testing
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What is demonstrated

Continuous Integration & Automated Testing (CIAT) is the result of several projects working together:

- **Trove** – Stores and manages source code
- **Lorry** – Source code acquisition service. Mirrors upstream code and makes it available through Git.
- **Firehose** – tracks and integrates changes in upstream code
- **Morph/YBD** – Baserock custom reproducible OS build tools.

What was improved

Enabling automated integration and delivery of embedded OSes using innovative and efficient tools in order to control and automate workflow. This includes:

- Monitoring & detecting upstream changes that affect custom Linux systems.
- Including changes in new OS definitions*
- Building the updated systems.
- Publishing the build, definitions and other artifacts.
- Delivering the updated systems.

*A definition includes basic information like software, repositories and dependencies necessary to build your customized OS in a reproducible manner.

Hardware Information

Proprietary Cloud, ARM Cloud, OpenStack Cloud

Source code or detail technical information availability

Source code available at wiki.baserock.org