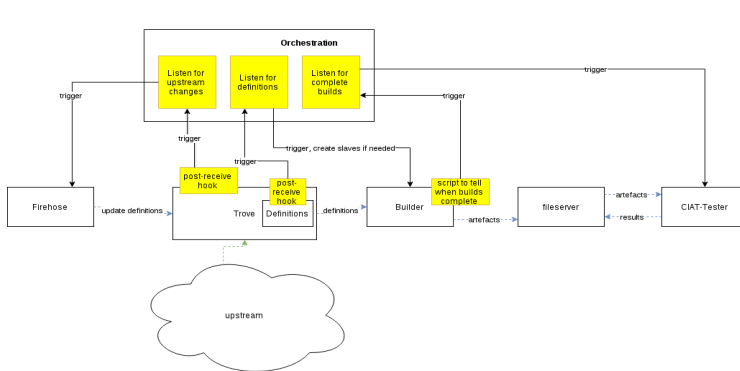




## Continuous Integration & Automated Testing

Paul Sherwood / Codethink

### What is demonstrated



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.

### Hardware Information

Proprietary Cloud, ARM Cloud, OpenStack Cloud

### What was improved

Enabling automated integration and delivery of embedded OSe 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.

### Source code or detail technical information availability

Source code available at [wiki.baserock.org](http://wiki.baserock.org)

