Continuous Integration
An update

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Infrastructure

- https://ci.gstreamer.net/
- Jenkins + repo + scripts
- 3 machines
  - 2 x86_64 machines (fedora and debian).
  - 1 macmini
- 10 cerbero variants: 4 android, 2 mingw, 2 linux, osx, ios
- Master + nodebug + distcheck
- Gst-validate

Some numbers

- ~5000 builds of gst-master since last gst conf
  - Multiply by 15 => ~75000 builds
- Complete run around 2 hours
  - Mostly due to cerbero ios (5 targets), without around 40mins
- Coverity Scan : 27 outstanding issues, 0.02 defect density
  - Last gst conf 104 issues, getting stable
- Number of people complaining about IRC bot : 0 :D

Next steps

- Nightly builds
  - Have 190GB of storage on freedesktop.org now
  - Need to figure out upload strategy
    - Could just upload. BuildSlaves have ~4TB/month allowed traffic
    - Should we do builds from scratch for the nightlies ?
      - More reliable / predictable ?

- Automated scan.coverity.com runs

- Use the ~~Force~~Cloud

  - Speed up build cycle, use bigger/custom machines

Help Welcome

- A better user interface ?

- Jenkins has JSON/XML RPC for everything

- Go help gst-validate, more tests, more use-cases, more files, ….

Will I go over time ?

- Maybe, Maybe not ?