Overview

• Why PiTiVi?
  • Reality checks
  • Goals
• What/Who makes PiTiVi
• Demo
• What’s coming up next
• Questions
PiTiVi and cheese-eating surrender monkey

- 1994
  - “Ooooh, Linux... sweeet”
- 1999
  - “I want to edit videos FOSS-style !”
- 2003
  - “End-of-studies project, go go go go”
- 2007
  - Collabora Multimedia
Reality Check

• Artists/End-users are not geeks!
  • They don’t care about technical issues like formats or operating systems
  • They care about the content
Goal #1

- Don’t impose limits in formats
  - GStreamer multimedia framework
- Don’t impose limits on operating systems
  - Portable dependencies
  - Ported to windows in half a day (!?)
Reality Check

• There is no such thing as “ONE WORKFLOW TO RULE THEM ALL”
  • Feature length, documentary, family/community event, news reel, slide show, advertising, CGI, …
• Editing is only one step to produce content.
Some workflow steps

- Script writing, storyboard
- **Capture**, getting footage/content
- **Editing**
- **Color balance, Audio balance**
- DVD authoring
- CGI animations
- Picture/Effects editing
- Publishing and Distribution
Goal #2

- Focus on editing
- Interact with other tools and libraries for other workflow steps
  - DVD authoring, media asset management, ...
- Don’t be a do-it-all standalone application. Be a framework!
Reality Check

• End users don’t have the knowledge of professional video editors
  • Shooting
  • Cutting/Sequencing
  • Color balance, transitions
• A small portion of the population actually are pro editors.
Goal #3

• Don’t imitate pro NLEs again!
• Take the requirements, ideas and knowledge of professional video editors and offer that by default
  • Nice transitions
  • Analysis/helpers for color balance, audio volume, video stabilization,…
Reality Check

• We work better when we’re many people solving one problem
  • The same applies to editing
• Non-linear editing is still being used in a linear workflow
Goal #4

• Realtime Collaborative Editing workflow
• All steps of the workflow can done at the same time
How far are we?

- Format abstraction
- Portability
- Simplicity (half way there)
What makes PiTiVi

• Gstreamer for ALL the multimedia processing and I/O
  • GNNonLin gst-plugin add NLE notions
• Python for flexible code
• (optional) UI in GTK+
Who makes PiTiVi

- 2003–2005 end-of-studies project
- Myself mostly alone until 2008
- Collabora Multimedia hires!
  - Alessandro Decina
  - Brandon Lewis
- Usability naziFreak : Jeff Fortin
The past 5 years
Demo

Lights...
Camera...
Action!
What remains?

- Obviously a lot...
- Workflow parts
  - Media Asset Management
  - DVD authoring
  - Collaborative editing
- Helper tools for smarter editing
What's coming up next

- 0.13.2 (July/August)
  - Undo/Redo
  - Audio mixing
  - The usual bugfixing :)
- 0.13.3 (September)
  - Video mixing, transitions
  - Capture interface (DV, HDV, webcam..)
  - Release after GST releases
What's coming up next

- Manual
- Website (About, screenshots, downloads)
How to help

- Developers, developers, developers!
  - PiTiVi UI and usability
  - Integration with other tools
  - Media Asset Management!
- Users, feedback
  - Use PiTiVi, publish content, pitivi tag
- Tell us about your (crack) ideas
Resources

- http://www.pitivi.org/
- #pitivi on irc.freenode.net
Thank you

Any questions?

Community announcement:
Jono has an **impeccable chicken** for sale, barely used. Contact him on my behalf for a discount.