

# PiTiVi

## *Edward Herve*

- Founding partner of Collabora Multimedia
- Maintainer of gst-python, Gnonlin, gst-ffmpeg and PiTiVi
- Using FOSS since 1995
- Active in FOSS since 2003 (mainly around multimedia)



# PiTiVi: Activity

- Project aim:
  - LGPL video editor
  - No constraints in formats, UI, plugins, ...
  - Easy to use... while staying powerful
- Features:
  - Gstreamer based, Written in Python
  - Modular and easily extensible



# PiTiVi: Challenges

- Slow development until recently.
- Not allow any hacks...
- ... and have a proper design
  - (currently refactoring)
- UI development is **PAINFUL**
- Issues with GStreamer plugins
- Multi-platform



# PiTiVi: Dependencies

- Libraries in use:
  - Python and bindings for GStreamer, GTK+ and goocanvas...
  - ... and that's **ALL** !
- Projects that depend on us:
  - None yet...
  - ... but you can 'import pitivi' in any Python application



# PiTiVi: Next Steps

- New 0.13 branch with refactored core,
- Progressively releasing until April,
- Trim/Cut/Split/Roll/Slide/Split editing
- Plugin system
- Fit with more and more common use-cases
  - Ex: Screencasting,
  - Ex : Conference editing (LCA ?)
- Other platforms (Win32, Mac, ...)

