# Gnash: Activity

- Project Aim
  - Full support of flash content with free software

- Features
  - Up to swf v9
  - Works in raw framebuffer
  - Standalone or plugin
  - Supports free codecs

Gnash

http://www.gnu.org/software/gnash

# Gnash: Challenges

- Problems
  - Codec Patents
  - Reverse engineering is hard slow work

- Struggling Features
  - Duplicating Adobe's bugs
  - Version skew in dependant libraries

- Tech gaps
  - Flash is a crappy format



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# Gnash: Dependencies

- Libraries in use

  - Libcurl, boost, gstreamer, ffmpeg, libpng, libjpeg, gtk, kde, sdl, fltk, opengl

- Projects using us

  - Internet Archive

  - OLPC

  - Several CE Media player products

  - Several set top boxes

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# Gnash: Next Steps

- Next

  - Release media server

  - SWF 10 support

  - Closed caption support

  - Video conferencing

- Goals

  - More complete ActionScript libraries

  - Complete software infrastructure for using free codecs

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