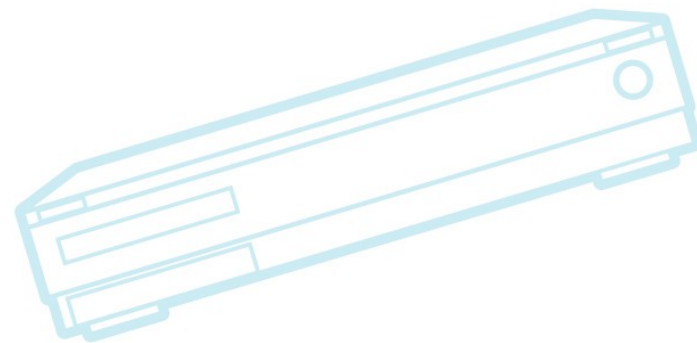# eLinux Wiki BOF

http://elinux.org
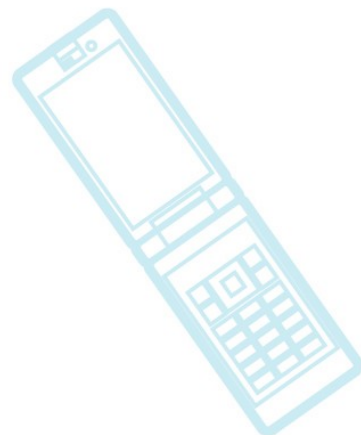
Tim Bird
CE Linux Forum

Agenda

- BOF Time: 4:40 – 5:30
- Intro
- Good
- Bad
- Idea brainstorming
- Contest and working BOF

eLinux Wiki Intro
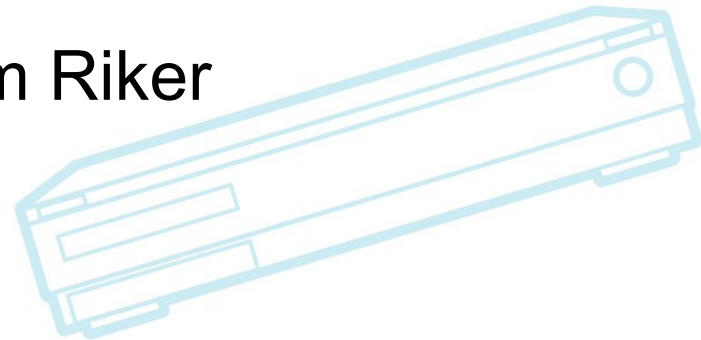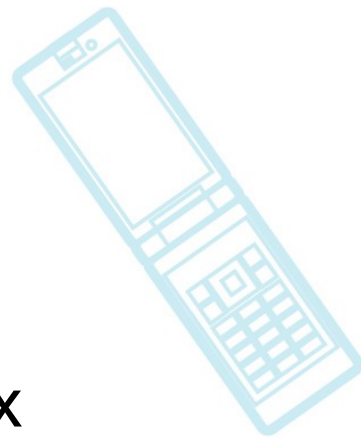
- What is the eLinux wiki?
  - A shared resource for embedded Linux developers
  - URL: http://elinux.org/
- Who runs it?
  - The CE Linux Forum
  - Domain name donated by Tim Riker

ELinux Wiki Facts

- License:
  - GNU Free Documentation License
    - Compatible with Wikipedia (still?)
  - License for code excerpts: GPL
- Allow/encourage linking to other sites
  - No need to be one-stop repository
- Need to log in to create or modify content
- In general, uses Wikipedia guidelines
  - Except: original research is allowed (and encouraged)

Main Page

Embedded Linux Wiki

Users Online:

Guests: 12 Registered: 1 (Tim Bird)

Welcome to the eLinux wiki! The purpose of this wiki is to preserve and present information about the development and use of Linux in embedded systems. To use this wiki, click on one of the portal links below.

[edit]

Development Portals

Boot Time   Memory Management   Security   Events

Multimedia   Power Management   System Size   Hardware Hacking

File Systems   Real Time   Resource Management   Toolbox

Highlight - Did you know...?

Squash FS was accepted into the mainline kernel, and is now in the 2.6.29-rc tree? SquashFS is a compressed, read-only filesystem, commonly used in many existing embedded Linux systems. Phillip Lougher, the Squash FS maintainer, was sponsored by CELF to push this code to mainline. It had been used as patches outside of mainline for many years.

See the elinux wiki SquashFS page or http://en.wikipedia.org/wiki/Squashfs for more information about this useful filesystem.

Embedded Linux Information

Products   Companies   Vendors   Processors

Community   Experts   Jobs   Board and Chip Vendors

Technology Watch List

[edit]

See the Technology Watch List for a list of interesting projects and their current status in the Linux development community.

## eLinux.org Information and Usage tips

[edit]

The main portals of the site take you to lists of resources or collections of information, you can use to tackle problems in the particular area referred to. For example, if you have a problem with boot up time of your embedded Linux system, click on "Boot Time". You can also see a list

Major Features

- Development portals
  - Bootup time, file systems, power management, realtime, security, system size, etc.
- Highlight of the (day/week/month.../year?)
- Industry/Community information
- Technology Watch List
- Events list
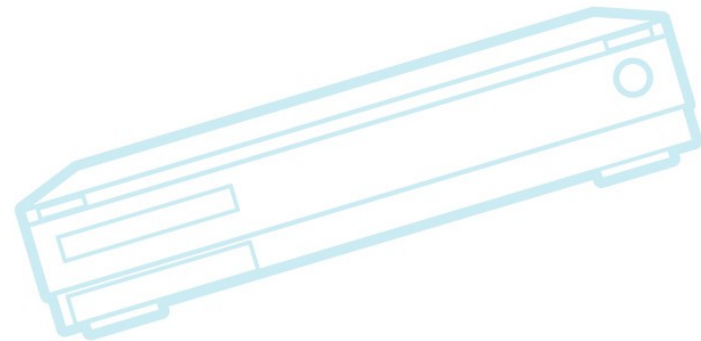
April 2009 status

- Editor: Bill Traynor (*wmat* user)
- Powered by MediaWiki
- About 650 pages with real content
- 1530 registered users
- Approaching 2 million page views (since inception)
  - Average of 10,000 page views per day
- 9000 page edits since inception

Discussion resources

- Mailing list: wiki-dev@elinux.org
  - To subscribe or see archives:
    - http://elinux.org/cgi-bin/mailman/listinfo/wiki-dev
- "Volunteering" page – in navigation bar
  - Links to:
    - Wanted pages
    - Orphaned pages
    - Desired features (code changes for MediaWiki)
    - Overall issues with the site

Issues

- Attracting contributors?
- Dealing with incorrect or outdated content
- Avoiding duplication
- Keeping things organized
  - Wikis turn into tool drawers
- Motivation for janitorial tasks
  - Contests and prizes
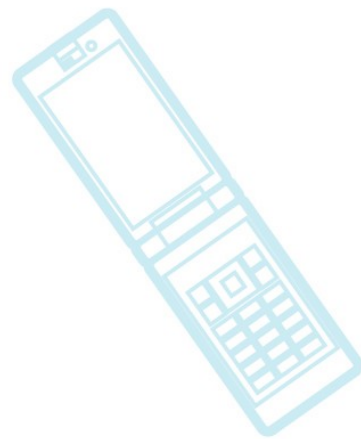 - Recognition
- Need for experts for portal upkeep
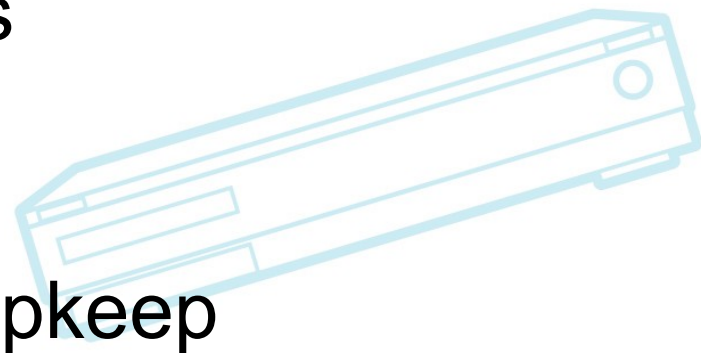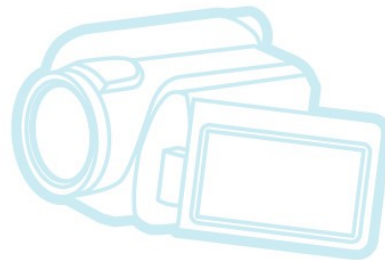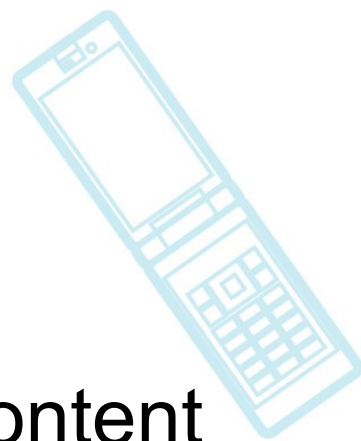
ELC 2009 wiki Contest

- 3 phases:
  - Phase 1 - Tonight – until 8:50
    - Award at 9:00 pm
  - Phase 2 - During ELC
    - Open to ELC attendees
    - Award April 8th at ELC Social Event
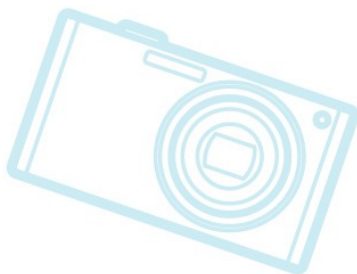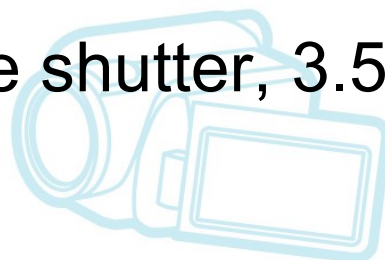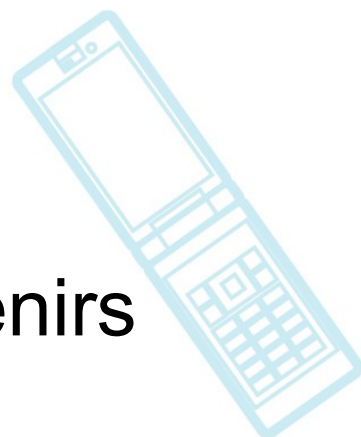 - Phase 3 - Next 6 weeks
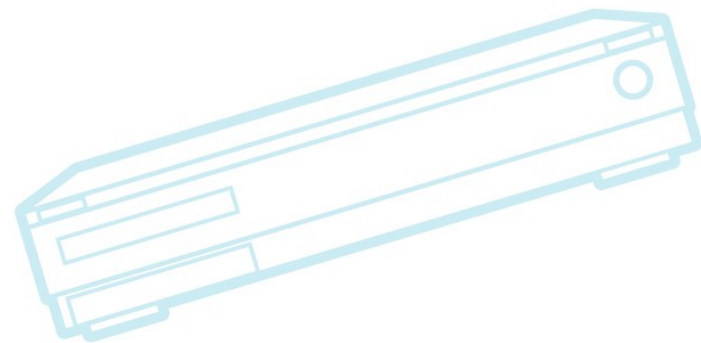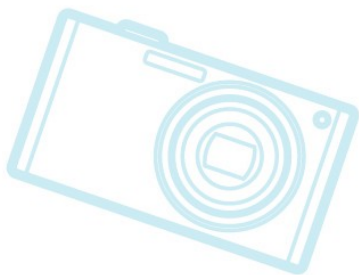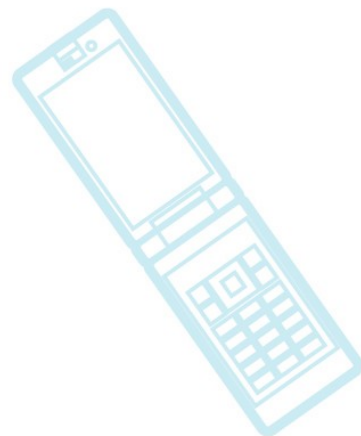   - Open to public
    - Closed on May 15th
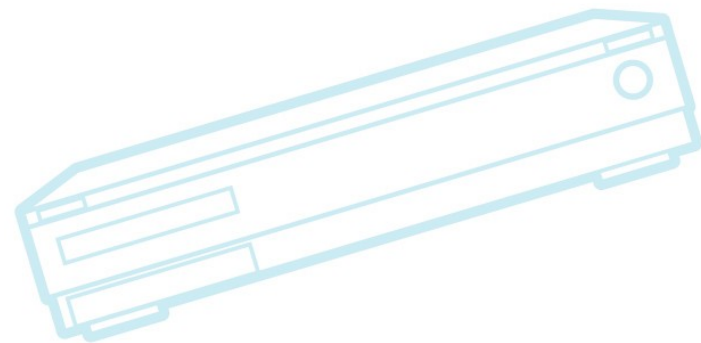
Prizes

- T-shirts, penguins, chocolate, souvenirs
- Sony DSCT700 Digital Still Camera
  - 10 MP, Face detection, Smile shutter, 3.5" LCD
- PS3 or $500
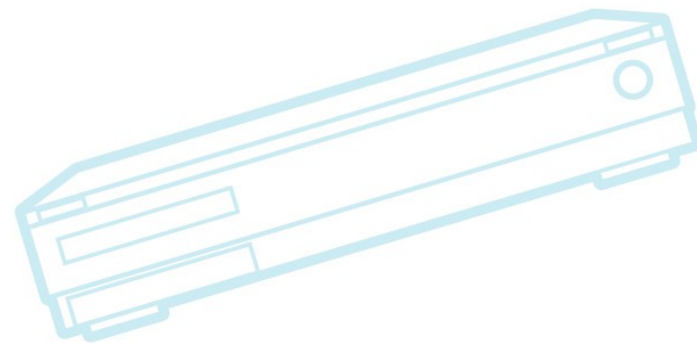
Discussion

Let's get started!

- Pizza is coming…