

Embedded Linux Wiki BOF

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eLinux Wiki

This is the **eLinuxWiki**, the Wiki for Embedded Linux Developers. This site serves as a repository of useful information regarding the use of Linux in embedded implementations.

Please [help to extend](#) this wiki. Thank you!

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Development Portals

- [Boot Time](#)
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Monthly Feature

In this space each month will be featured a topic relevant to Embedded Linux Development.

Embedded Linux Information

- [Products](#)
- [Community](#)
- [Companies](#)
- [Vendors](#)
- [Processors](#)

To experiment with this wiki try [Sandbox](#). See the [User's Guide](#) for usage and configuration help.



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This page has been accessed 6,281 times.

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MOVIAL

Supported by CELF

 Boot Time	 Memory Management
 Multimedia	 Power Management
 File Systems	 Real Time
 Security	 Events
 System Size	 Hardware Hacking
 Resource Management	 Toolbox
 Vendors	 Processors
 Products	 Companies
 Community	

Who I am

Michael Opdenacker

- Founder of Free Electrons, a company supporting individuals and organizations using FOSS software in Embedded Systems.
- Author of free embedded Linux training materials (1500+ pages):
<http://free-electrons.com/training>
- Did a few contributions to CELF projects:
 - ELC 2005 videos
 - Presentation on boot time, size and power optimizations
 - Minor edits to CELF wiki
 - Future edits to eLinux wiki!



What elinux.org is now

- A new central resource for and by the whole embedded Linux community
- A bunch of useful resources: tech docs, event coverage...
- Uniting 2 key parts of the embedded Linux community
 - elinux.org: Tech resources for individuals porting Linux on existing consumer devices.
 - CE Linux Forum's wiki: Technical resources for developers of embedded Linux devices. Technical documentation for CELF's supported projects (boot time, size, API specifications...)
- Register now and start reviewing or editing!

Embedded Linux Wiki BOF
Ottawa Linux Symposium
June 2007

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What elinux.org is not

- Not a CELF site
- Not just for CE companies or for CELF members.
- Not an encyclopedia
elinux.org and Wikipedia are complimentary
Contribute to both!
- Not LinuxDevices.com
- Not LWN.net

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Sponsors

- CE Linux Forum:
Funding site creation and administration
Funding site part-time site editor:
CELF wiki migration and new content
- Movial:
Web hosting and administration
- Tim Riker: domain donation
- Your company?



Facts

June 26 status

- Editor: Bill Traynor (*wmat* user)
- Powered by MediaWiki
- About 400 pages with real content
- 57 registered users
- 67000 page views
- 2200 page edits
- Mailing list
celinux-dev for the moment
Dedicated ones coming soon.
- IRC: #eLinux on irc.freenode.net
Other nodes on <http://elinux.org/ELinuxWiki:Irc>



Content management

- GNU Free Documentation License
- Compatible with Wikipedia
- License for code excerpts: GPL
- Allows linking to other sites
- Need to log in to create or modify content
- In general, adopting Wikipedia guidelines

See <http://elinux.org/Help:Contents>

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Content highlights

- Boot time
- Space reduction
- Processor docs
- CELF specifications: power management, multimedia
- Hardware hacking
- Real-time
- Toolchains
- Products running Linux
Mobile phones, STB, DVR, game consoles, digital cameras
- Events
- Wanted pages...



Editor ideas

Coming soon

- Complete clean-up of current content
- Interviews
- Monthly feature (teaser for more detailed content)
- Improve the skin
- Logo in upper left corner

Later

- Profiles: hackers, contributing companies, products
- Technology reviews
- Book reviews
- Goal: reach 200 contributors by 2007 end.



Your ideas? Your expectations?

This is our community website. Let's decide together

- What content?
- Potential issues? (spam, dealing with incorrect or outdated content, policy for accepting / rejecting external links)
- How to keep the focus (some wikis accumulate duplicate information, people not daring to remove content from others)? How to deal with “historical content”?
- How to attract contributors?
- How to give extra responsibility to most significant contributors?
- How to make decisions?
Need a governing board?
Need to create a foundation?

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Promotion ideas?

- Links to the new site
Replacing links to the CELF wiki
- Best contributor awards during an editing period (July-August?)
- Treasure hunting contest
- Judges wanted!
- Prizes: devices running the Linux kernel
N800 Internet tablet (Nokia)
Digital Still Camera (CELF)
Books (K. Yaghmour, Kryptiva)
ThinkGeek gift certificates? (CELF)
- Your ideas?



Volunteers?

- Who in the room wants to get involved?
- Interested in which tasks?
 - Editing?
 - Looking for useful links?
 - Reviewing?
 - Promoting?
Being a judge in the next activities?
 - Logo?

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BOF outcome

Thank you!

- These slides and a full report will be available on http://elinux.org/OLS_2007_Embedded_Linux_Wiki_BOF
- Time to learn from others, to share your knowledge, and to create knowledge!
- Let's target World (at least WWW) domination ;-)

Invitation to CELF's BOF on Friday night:
7-9 pm at the Westin Hotel.