



*It's not an embedded Linux distribution –
It creates a custom one for you.*

Collaborative Initiatives in Embedded Linux
Embedded Linux Conference Europe 2011



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It creates a custom one for you.*



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Embedded Systems



Jefro / CC

Embedded Systems

- Specific device where the computer is just part of the thing



Embedded Systems

- Specific device where the computer is just part of the thing

as opposed to a

- General-purpose device, where the computer IS the thing



Deeply Embedded Systems

- Computer is just part of the thing



Embedded Systems

Definitely an Embedded System



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Embedded Systems

What about this?



Embedded Systems

Not embedded



Embedded Systems

Now I'm confused



Sir Adavis/Flickr/CC-BY

Collaboration

Collaboration



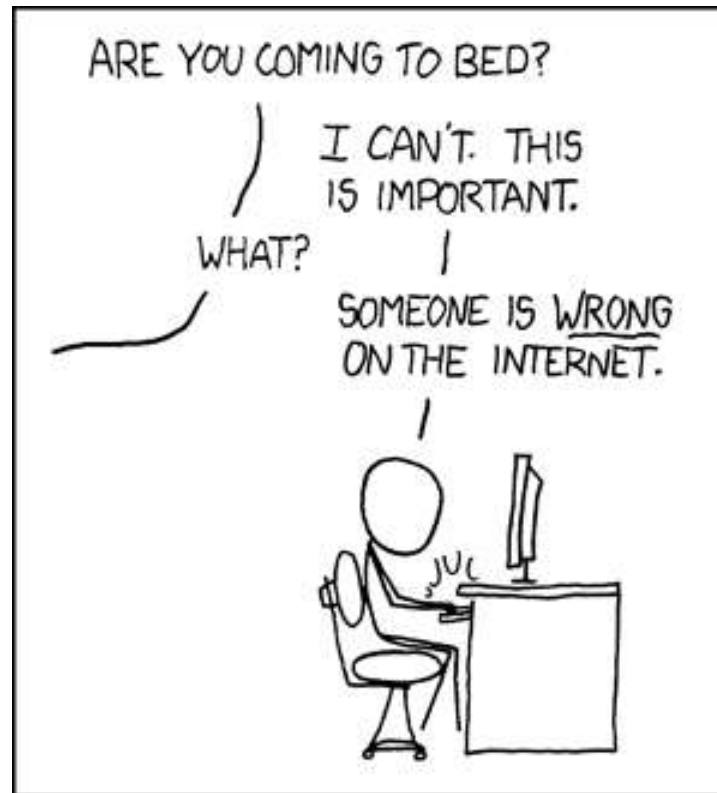
Baudet de Poitou

<http://tcs.wisebrother.com/tcstodaysTcs/fullArtShow/9930?cid=5117>

Collaboration



Collaboration



Collaboration

DEALS, SOFTWARE, IT

Mentor Graphics Acquires Embedded Alley

Eric Hal Schwartz 7/30/09

Mentor Graphics, a Wilsonville, OR-based electronic design automation developer, [announced today](#) it has purchased Embedded Alley Solutions, based in San Jose, CA. Financial details were not released. Embedded Alley creates programs to develop software for mobile devices and has made systems for Linux and the Google Android. Mentor (NASDAQ: [MENT](#)) said it plans to augment its own Nucleus real-time operating system with Embedded Alley's technology.

Collaboration



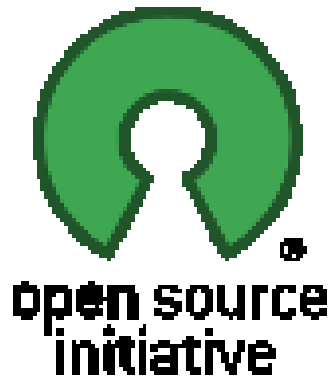
Collaboration



Types of Collaborative Initiatives

Types of Collaborative Initiatives

- Open source projects



OSI/CC-BY

Types of Collaborative Initiatives

- Open source projects
- Consortiums



Buddawiggi/Flickr/CC-BY

Types of Collaborative Initiatives

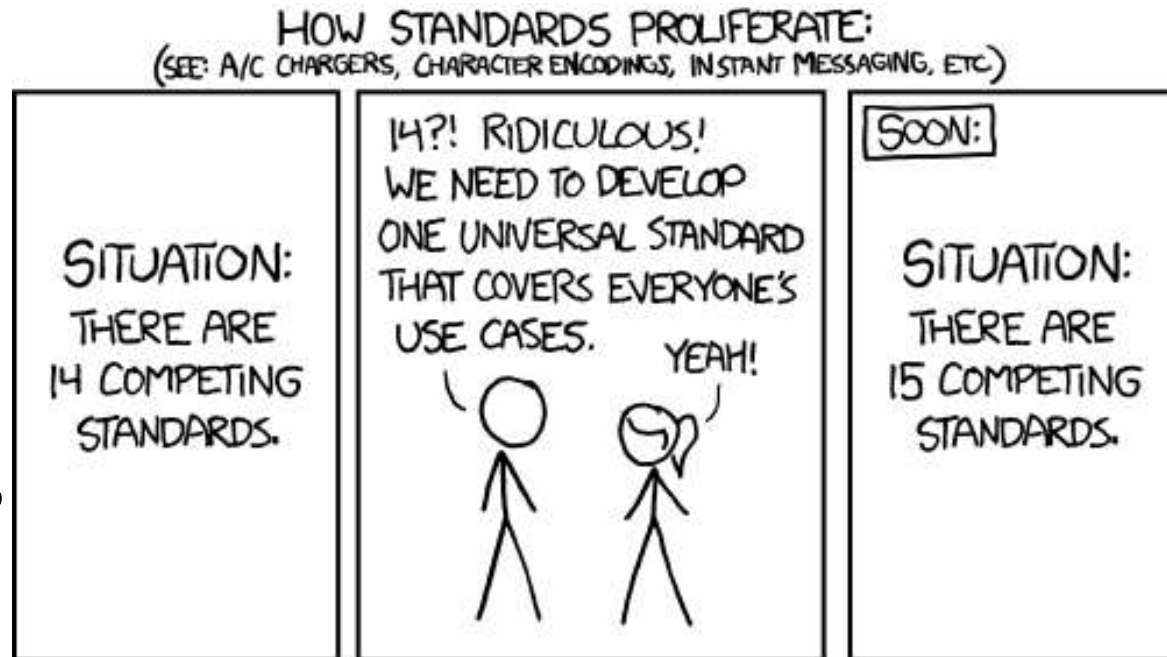
- Open source projects
- Consortiums
- Working groups



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Types of Collaborative Initiatives

- Open source projects
- Consortia
- Working groups
- Standards organizations



Randall Munroe/
xkcd.com CC-NC-SA

Why collaborate?

- Increase return on investment
- Business is expensive
- Get more out than put in

Initiatives

- Standards organizations
- Working Groups
- Consortiums
- Open source projects

Initiatives

Standards organizations

Initiatives: Standards Organizations

Linux Phone Standards Forum



Initiatives: Standards Organizations

Linux Mobile Foundation



limofoundation.org

Initiatives: Standards Organizations

Embedded Linux Consortium



Initiatives

Working Groups

Initiatives: Working Groups

Consumer Electronics Linux Forum (CELF)



linuxfoundation.org/collaborate/workgroups/celf

Initiatives: Working Groups

Consumer Electronics Linux Forum (CELF)



linuxfoundation.org/collaborate/workgroups/celf

Initiatives

Consortiums

Initiatives: Consortiums

GENIVI Alliance



genivi.org

Initiatives: Consortiums

Linaro



linaro.org

Initiatives: Consortiums

Android



android.com

Initiatives

Open source projects

Initiatives: Open Source Projects

MeeGo

MeeGo

meego.org

Initiatives: Open Source Projects

Tizen



tizen.org

Initiatives: Open Source Projects

OpenEmbedded



openembedded.org

Initiatives: Open Source Projects

The Yocto Project



yoctoproject.org

Trust



Joi/Flickr/CC-BY

Thanks for listening

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Jefro (freenode.net)

Stop by the Yocto Project booth!

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