



Joining the TinyOS Community

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TinyOS Community Portal

<http://webs.cs.berkeley.edu/tos/>

TinyOS Community Forum

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Welcome

Latest News

Quick Links

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- [contribute code](#)
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What is TinyOS?

TinyOS is an *open-source operating system* designed for *wireless embedded sensor networks*. It features a *component-based architecture* which enables rapid innovation and implementation while

TinyOS 1.1.7 CVS Snapshot Released

By [kwright](#) [[Edit User](#)], Section [TinyOS Releases](#)

Posted on Wed Jul 14th, 2004 at 05:36:13 PM MST

The **TinyOS 1.1.7 July 2004** CVS Snapshot is online. The 1.1.7 CVS Snapshot features...

+Hotlist

Done

All things help!



Support page

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 www TinyOS Site
[I want to search the TinyOS Mail Archives.](#)

Support

There are several online resources available for TinyOS support:

- [FAQ](#)
TinyOS developers: to add to the FAQ, click [here](#).
- [Known bugs/problems](#) with the current version, 1.1.0
- To log or track bugs, please use the [SourceForge Bug Database for TinyOS](#). The tinuos-bugs list has been deprecated.
- TinyOS **mailing lists and archives**:



SEARCH the mailing list archives [here](#).

Mailing List:	Description			
tinuos:	announcements to the TinyOS community	subscribe	send	archives
tinuos-help:	post help questions here	subscribe	send	archives search
tinuos-users:	discussion about TinyOS development	subscribe	send	archives
tinuos-cvsaccess:	request access to non-contrib section of tree	n/a	send	archives



Leveraging others' mistakes

tinyos-help: post help questions here [subscribe](#) [send](#) [archives](#) [search](#)

Search results for 'Power management' - Mozilla Firebird

File Edit View Go Bookmarks Tools Help

http://mail.millennium.berkeley.edu/search/htsearch

SourceForge.net: CVS Repository Search results for 'Power managem...

ht:Dig Search results for 'power and management'

Match: All Format: Long Sort by: Score

Refine search: power management Search

Documents 1 - 10 of 100 matches. More ★'s indicate a better match.

[\[Tinyos-help\] I need some info on Power Management support ★★★★★](#)
[Tinyos-help] I need some info on **Power Management** support Santosh Kumar kumars at cis.ohio-state.edu Sun Jan 11:13:45 PST 2004 * Previous message: [Tinyos-help] I need some info on **Power Management** support * Next message: [Tinyos-help] question on tinyos uart * Messages sorted by: [date] [thread] ...
<http://mail.millennium.berkeley.edu/pipermail/tinyos-help/2004-January/002774.html> 01/21/04, 5936 bytes

[\[Nest-challenge\] CMU - power management component ★★★★★](#)
[Nest-challenge] CMU - **power management** component Zhiyuan Ren zren@andrew.cmu.edu Mon, 30 Sep 2002 21:04:00 * Previous message: [Nest-challenge] LM - Coordination Specification (First Pass) * Next message: [Nest-challenge] Telecon 2 reminder, agenda * Messages sorted by: [date] [thread] ...
<http://mail.millennium.berkeley.edu/pipermail/nest-challenge/2002-October/000017.html> 09/30/02, 4962 bytes

[\[Tinyos-help\] I need some info on Power Management support ★★★★★](#)
[Tinyos-help] I need some info on **Power Management** support kwright at EECS.Berkeley.EDU kwright at EECS.Berkeley.EDU Thu Jan 8 14:29:58 PST 2004 * Previous message: [Tinyos-help] I need some info on **Power Management** support * Next message: [Tinyos-help] Radio Verification Problem(mib510) * Messages ...
<http://mail.millennium.berkeley.edu/pipermail/tinyos-help/2004-January/002755.html> 01/09/04, 6806 bytes

[\[Tinyos-help\] power management and tinydb ★★★★★](#)
[Tinyos-help] power management and tinydb ...

Done

search - Mozilla Firebird

File Edit View Go Bookmarks Tools Help

http://www.tinyos.net/search.html

SourceForge.net: CVS Repository search

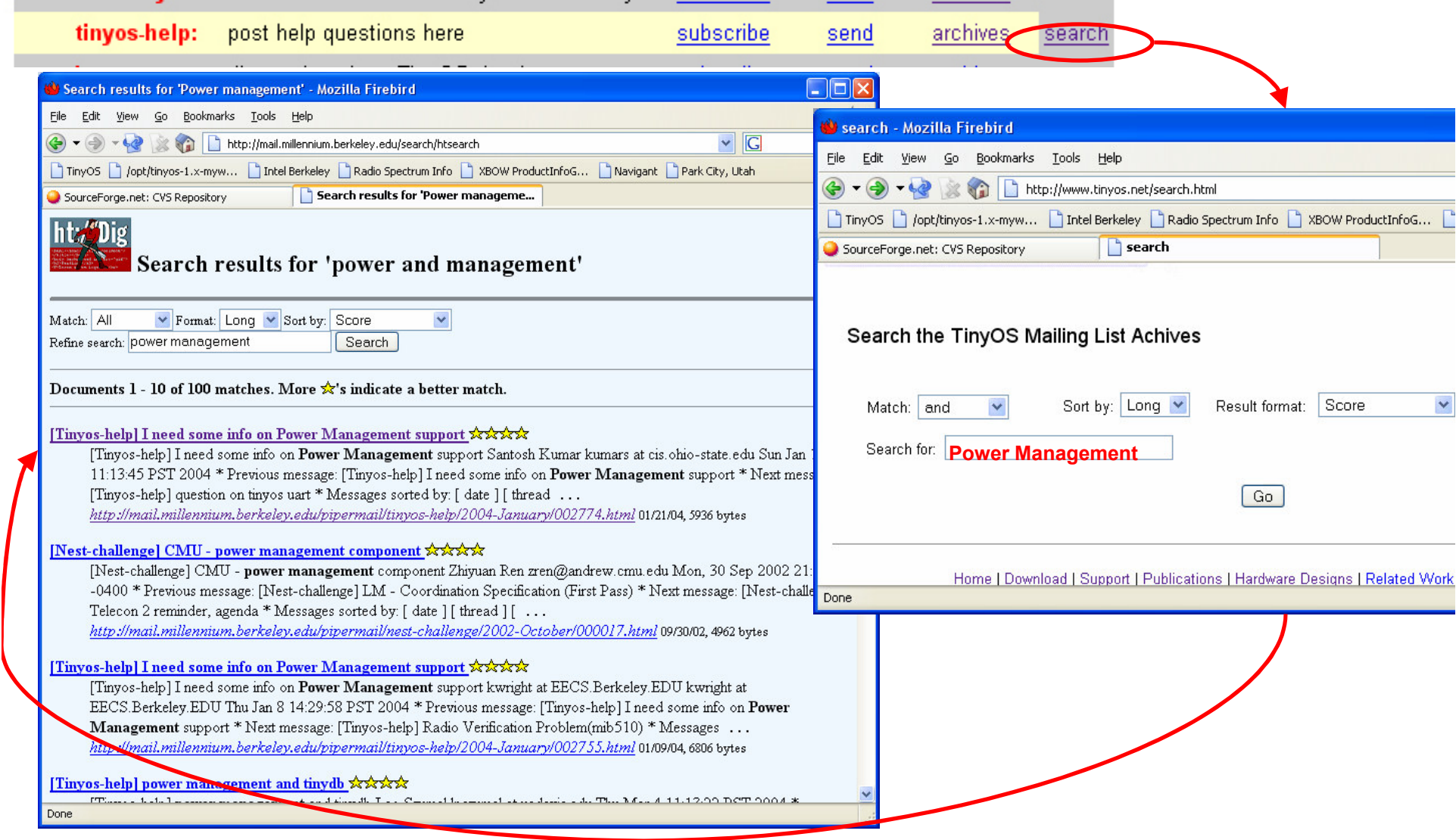
Search the TinyOS Mailing List Achives

Match: and Sort by: Long Result format: Score

Search for: **Power Management** Go

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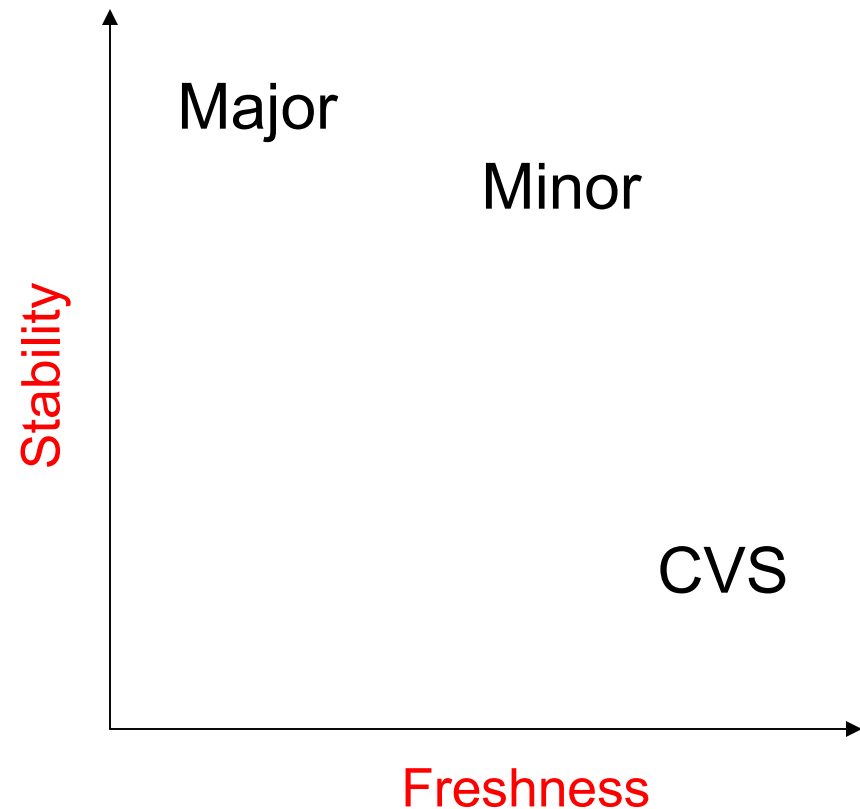
Done





Maintaining TinyOS Versions

- Major Releases (1.0, 1.1, 1.2)
 - Stable, well-tested, infrequent
 - Install: wizard
- Minor Releases (1.1.x)
 - Fairly stable, compiles, 6-week intervals
 - Install: rpm
- SourceForge CVS
 - Least stable but not bad
 - Install: CVS



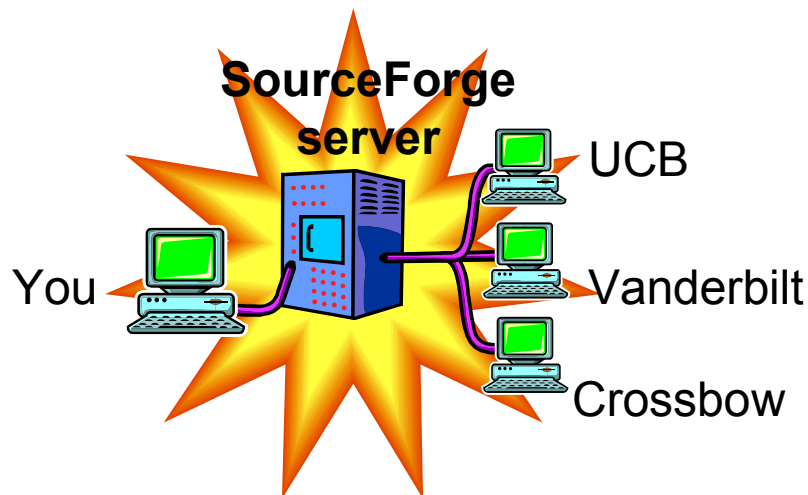


Maintaining Minor TinyOS Versions

- Two-step upgrades
 - Upon release, download the minor rpm
 - `rpm -U ...` in a cygwin shell
- RPM Installation
 - Redhat Package Management
 - Redhat and Cygwin compatible
 - Pre-uninstall, post-install scripts
 - Dependency management
 - Wizard internals use it



Maintaining a CVS Tree



- Download a copy of the development code
 - Use the `anonymous` username
 - Can update daily
 - Link in `Quick Links` on TinyOS main page
- `%info cvs` in a cygwin shell



Contributing Code

- `tinyos-1.x/contrib`
- Gain write privileges
- Create your own sandbox in contrib
- contrib is unsupported except where provided by authors
- Link in `Quick Links` on TinyOS main page



Contributing to the TinyOS Core

- Core: anything not in `tinyos-1.x/[contrib,beta]`
- New code moves from contrib through beta into the main tree

`tinyos-1.x/contrib` → `tinyos-1.x/beta` → main tree

`beta/tools/make` → `tinyos-1.x/tools/make`

- No new code in main tree close to any release
- Bug Fixes: file report, submit patch/code (see link)



Thank you

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