Geekscape: Systems design and integration for the Connected World

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"Everything around you is just part of every other thing" -- Imani Coppola[1]

Internet of Things and Automation links

- **Aiko-Platform**[1] ... Software and hardware platform for the Internet of Things[2] (distributed devices)
- **Artemis**[3] ... Rocket Avionics
- **Connected Community HackerSpace (Melbourne)**[4] ... A place for hackers[5] to hang-out and create
- **CNC Milling Machine**[6] ... Computer Numeric Controlled 3-axis drill
- **Lunar Numbat**[7] ... Australia / New Zealand team playing a part[8] in the Google Lunar X-Prize[9]

Interesting projects that have released software that anyone can use and improve ...

- **LinuxMCE**: Open Source[10] (combines PlutoHome[11], MythTV[12], Asterisk[13] on top of Ubuntu Linux[14])
- **MisterHouse**: Open Source[15]
- **Open Automation Project**: Open Source[16]
- **OpenRemote**: Open Source[17]
- **PlutoHome**: Commercial[18] and Open Source[19]

Useful links to many readily accessible projects ...

- **DMOZ**: Home Improvement (Automation)[20]
- Home Automation index[21]

Fields

Name	Value

1. http://imanicoppola.net
1. http://groups.google.com/group/aiko-platform
2. http://wikipedia.org/wiki/Internet_of_things
3. http://groups.google.com/group/connected-community-hackerspace/web/project-rocket-avionics---class-g
4. http://groups.google.com/group/connected-community-hackerspace
5. http://wikipedia.org/wiki/Hacker_%28hobbyist%29
6. http://groups.google.com/group/connected-community-hackerspace/web/project-cnc-milling-machine
7. http://lunarnumbat.org
8. http://www.whitelabelspace.com/2009/02/australian-partner-lunar-numbat-joins.html
9. http://www.googlelunarxprize.org
10. http://linuxmce.com
11. http://plutohome.org
12. http://mythtv.org
13. http://asterisk.org
15. http://misterhouse.net/
16. http://oap.sourceforge.net/
17. http://openremote.org
18. http://plutohome.com/
19. http://plutohome.org/
20. http://dmoz.org/Home/Home_Improvement/Automation
21. http://www.homeautomationindex.com/

Software

- Arduino: Enabling the Internet of Things [2009-04-05]
- Automation protocol: Java X10 library (bug fixes for J Peterson's X10 API 1.0.1)
- Boost: Java Primordial Class Library (developed by LeapStream / NetStorm)
- Software Zoo: Open Source Java packages [1998 - 2003]

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Technical Notes and Examples

- Embedding a Java Applet inside a Daisy document [2005-09-22]

- Installing an APC UPS on Linux [2005-09-13]
- Installing Creative Labs SoundBlaster Audigy 2 ZS Platinum on Linux Fedora Core 4
- Installing MythTV 0.20.1 on Linux Fedora Core 6 for Australian TV
- Technical Reading List

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Technical Investigation

- Content Management System (CMS) investigation [2005-08-19]

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Presentations

- CMS in general, Daisy in particular -- AJUG Victoria [2005-10-06]

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Thoughts

- Intellectual Freedom (was Intellectual Property Rights) [2005-11-25]
- Zen, Innovation, Being Open, HackerSpaces [2009-11-05]

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Live System Status

- Geekscape UPS status[1]

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6. http://fedora.redhat.com
7. http://apache.org/
8. http://cocoondev.org/daisy/index.html
9. http://www.mozilla.org/products/firefox
10. http://clustrmaps.com/counter/maps.php?url=http://geekscape.org
11. http://www.java.com