

Successful Linux Labs

In Schools

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February 23, 2013

SCALE 11x

The Prescott lab in Oakland



Non-technical

One teacher:

One teacher:

- **3 hours per week**

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- **ON THE CLOCK**

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- **Dedicated only to the
Linux Lab**

That teacher:

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- **Cannot do it alone**

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- **Needs tech support**

That teacher:

- **Cannot do it alone**
- **Needs tech support**
- **At least 3 highly technical people**

Teacher Maria Jenerik with her technical support team



**I am a simple
end user**

**If I can do it,
anyone can do it**



Holden Aust

“You really should try Linux.”



Givers gain

Computers are
platforms for
Culture

Prescott 4th graders watch MLK's “Dream” speech



Free software,
Free society

**The poor should not
be excluded from
the Net
due to limited finances**

MLK's "Dream" speech



The first Partimus school, the KIPP San Francisco Bay Academy



Not brand sensitive



Partimus Co-Founder Cathy Malmrose



Partimus Co-Founder Cathy Malmrose & CEO, Zareason



Partimus Co-Founder Maile Urbancic



Partimus Board member Elizabeth Krumbach



Partimus Board Member Bethany Doolin



Partimus Board Member Beth Lynn Eicher



Partimus Board Member Grant Bowman



Partimus Lead Systems Engineer James Howard

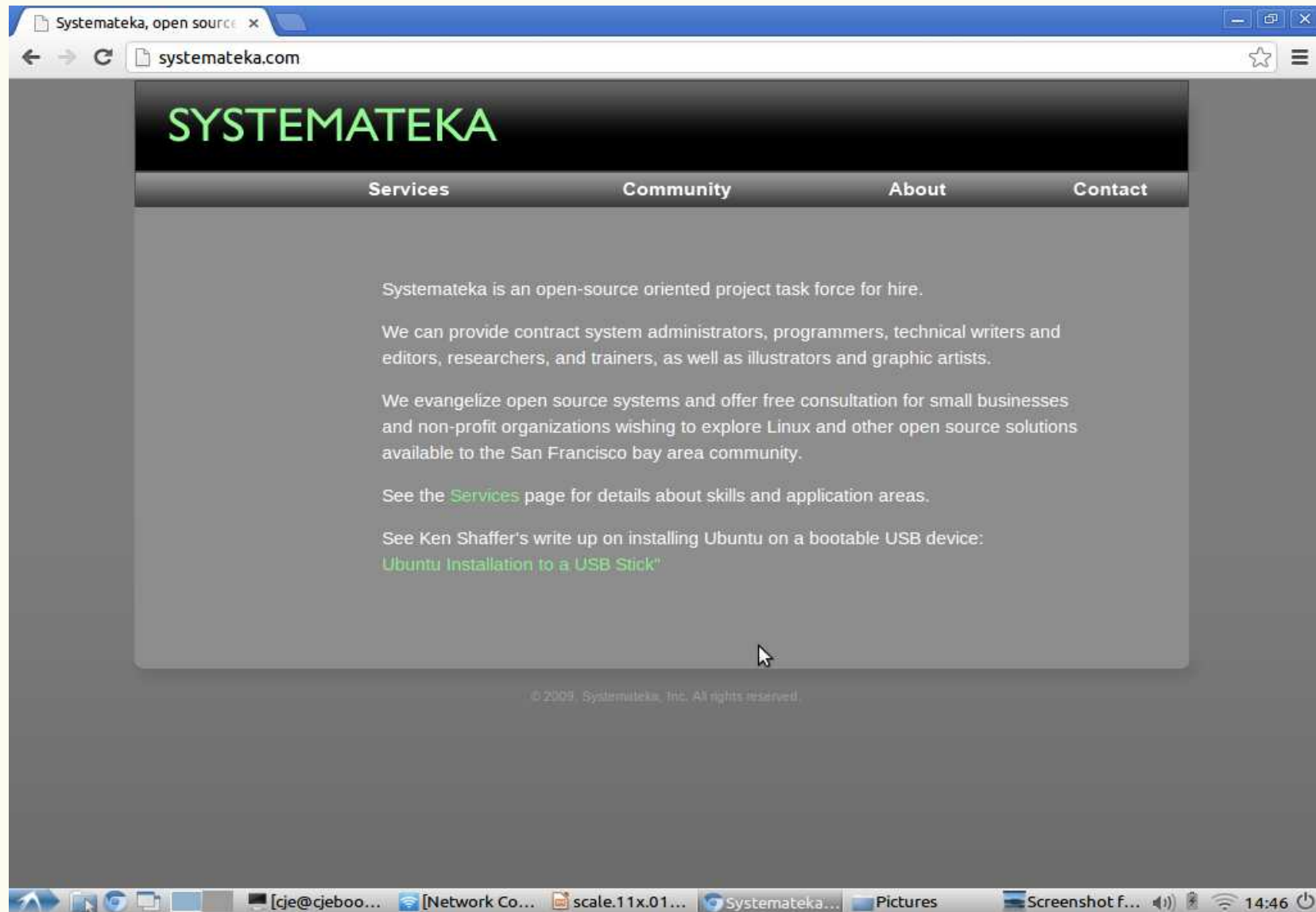


Jim Stockford,

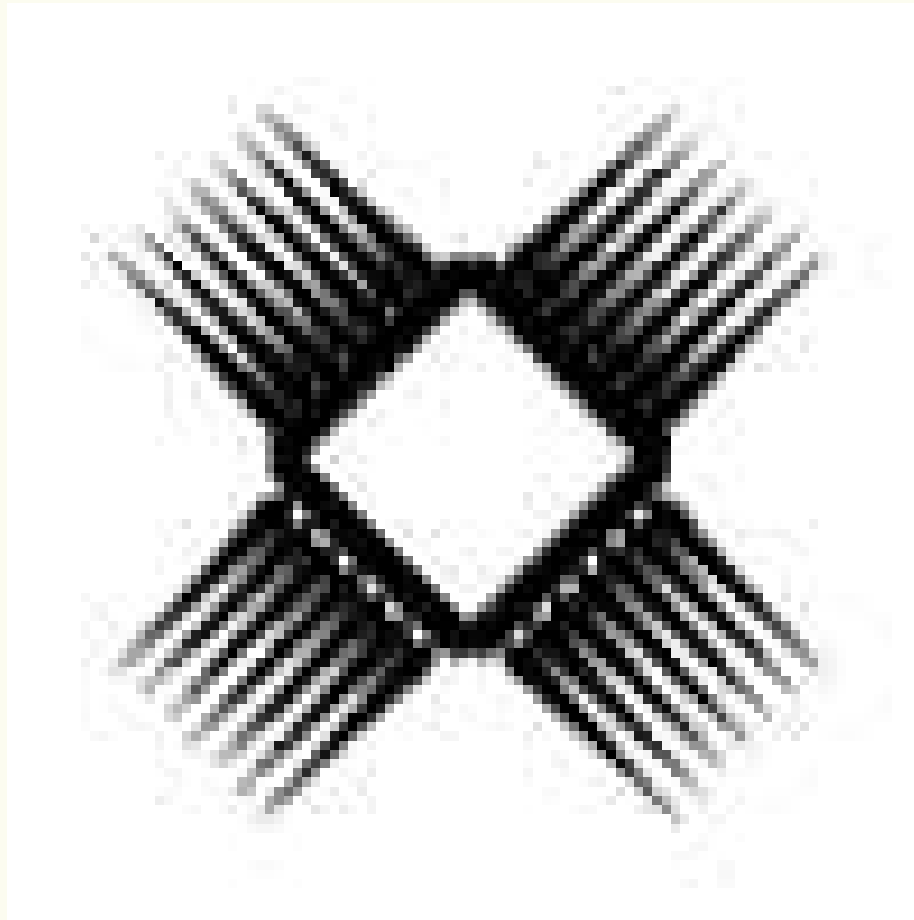
Owner, Systemateka.com

Major Transportation Donor

Systemateka, car donor



Major hardware donors
–ACCRC.org & MCRC.org



Major hardware donor--
PCS-SF.org



Why Free Software in public schools?

- Spend less time fundraising
- Get a community
- Manage your own upgrade cycles
- Share software with students for home use

Best practices

- Try to staff the lab during classroom hours
 - You will get to know their needs better
 - The teachers and staff will come to trust you
 - Students from 2006 still greet me on the bus and sidewalk



Best practices

- Discuss their needs before each school year starts, and 2x during the year
 - You will get to know their needs better
 - You can spot trouble coming
 - Avoid Microsoft creep
 -

Best practices

- Run as much of the software and data as possible on the fat clients, but
- Manage the software and data from the server
 - Allows the GNU-Linux guru to dial in to do work

MLK comes alive at Prescott



Best practices

- Run as much of the software and data as possible on the fat clients
 - Imagine running 30 instances of MLK's dream speech over the network simultaneously

One teacher:

- **3 hours per week**
- **ON THE CLOCK**
- **Dedicated only to the Linux Lab**

Why 1 dedicated teacher

- Institutional knowledge
- Insight into the principal's mind
- Ownership for the lab
 - Keep it tidy!
- Building access after hours

Tasks for the 3 hours per week

- Answering use questions from other teachers
- Scheduling the lab
- Checking loose cables
- Replacing bad mice and keyboards
- Monitoring lab maintenance
- Staying abreast of new apps & use cases
- Addressing parental control filter issues

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