

The background features a light green top section, a light blue middle section, and a white bottom section. On the left side, there are two overlapping gear icons: a light green one at the top and a light blue one below it. A vertical blue bar is on the far left edge.

TUT DCE - Mirroring Linux since 1996

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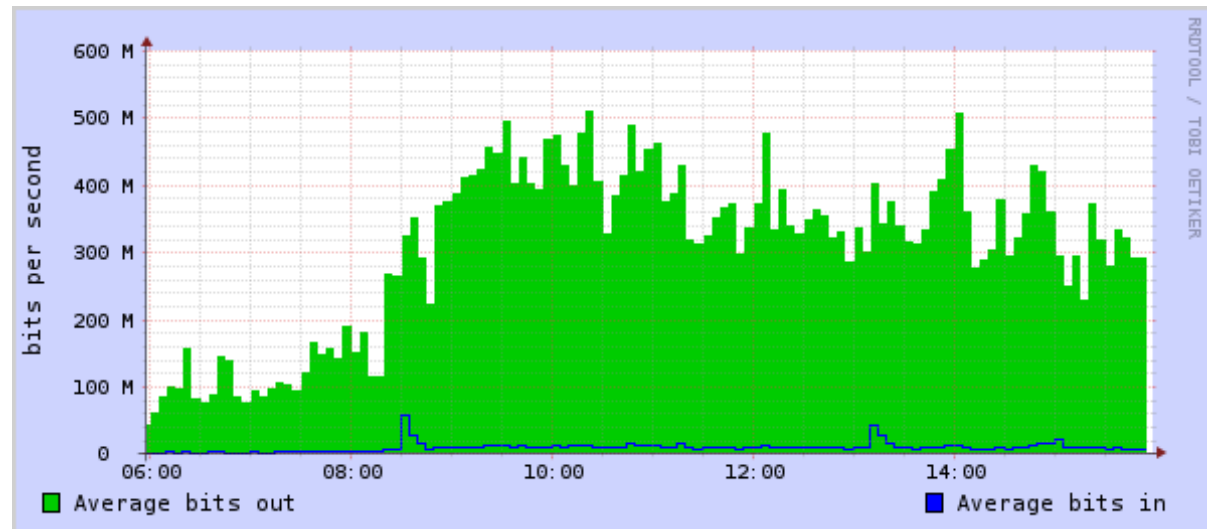
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What is mirroring?

- Contribute resources (CPU time, storage space, network capacity) for redistributing some digital content over the Internet.
 - Allows faster downloads for areas near a mirror.
 - By offering multiple mirrors for a same content increases the overall capacity to distribute it.



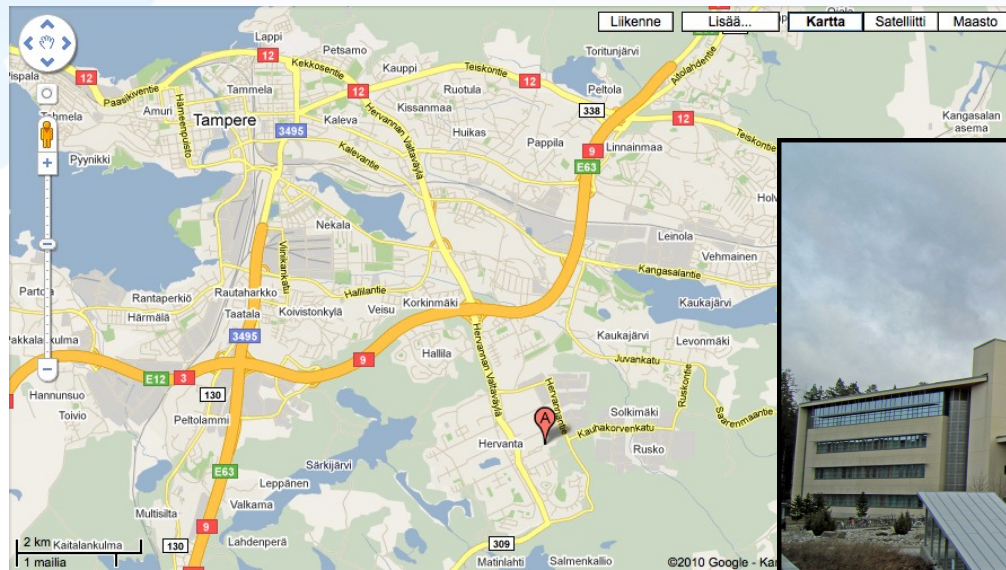
History a.k.a. why?

- 1996 – sunsite.tut.fi
 - A Debian mirror was added to TUT's Sun Solaris mirror because Debian machines at TUT needed packages.
- 2000 – trumpetti.atm.tut.fi
 - The Debian mirror was moved to a new hardware at DCE and the mirror became ftp.fi.debian.org.
- 2001 – trumpetti.atm.tut.fi
 - The mirror was moved to a new hardware. A support for IPv6 was added. A Gentoo Linux mirror was added.
- 2009 – trumpetti.atm.tut.fi
 - The Mirror was moved to a new hardware. Ubuntu and Centos mirrors were added and the mirror became fi.archive.ubuntu.com.

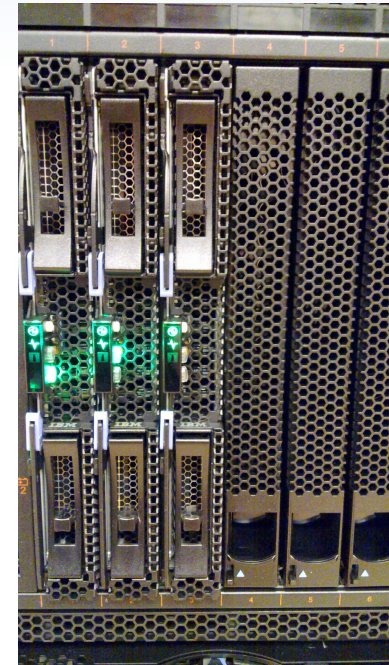
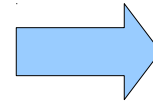


trumpetti.atm.tut.fi

- An Official mirror for Ubuntu, Debian, Gentoo and Centos Linux distributions.



- A Server hardware was renewed at the end of 2009.



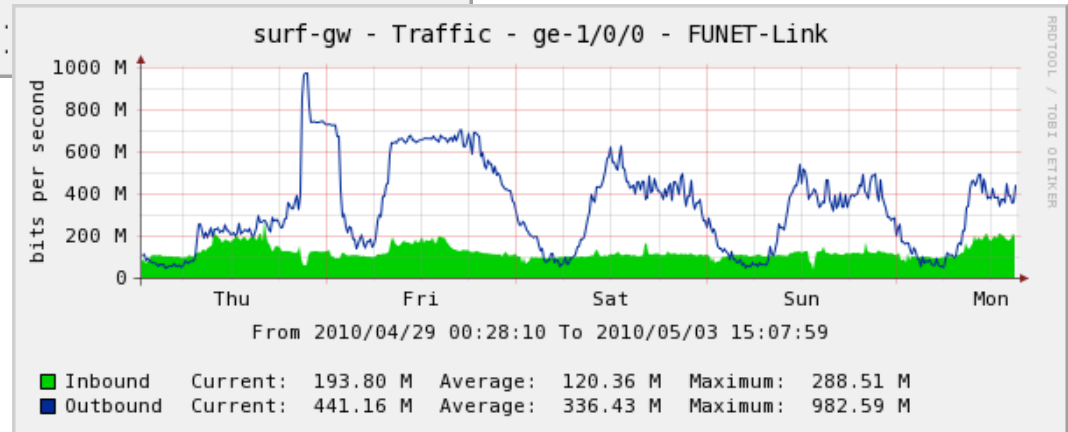
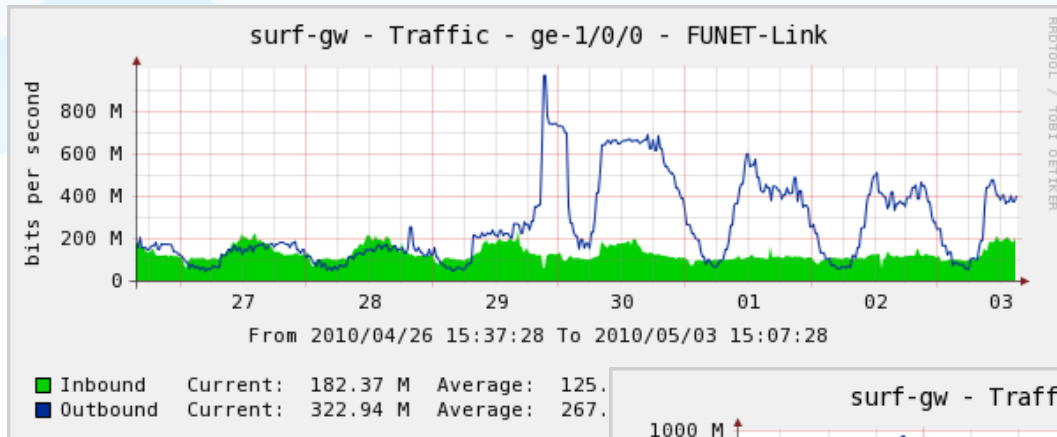
Statistics about Ubuntu 10.04 release

- Between April 25th and May 2nd:
 - Approximately 17147 unique IP addresses did upgrade to Ubuntu 10.04
 - Approximately 11045 unique IP addresses downloaded CD or DVD of Ubuntu 10.04 (more than 7 terabytes in total).
 - On April 29th after the official Ubuntu 10.04 release announcement, there were approximately 1500 simultaneous downloads.
 - In total, approximately 20 terabytes of data was transferred during the period.



Statistics about Ubuntu 10.04 release

- On 29th TUT's primary link to the Internet got saturated.





Thank You

Questions?

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