

GNU/Linux Desktop for Baltic region development of the Baltix OS

- Open Source for Lithuania
- I wanna demonstrate Baltix in Latvian – so please help :)
- 1. Why we need one more GNU/Linux distribution (operating system)
- 2. Short history of Baltix operating system
- 3. Development for users needs (demands) == success == community
- 4. Next steps (You are welcome !)



One more GNU/Linux distro - why?

- The monopoly of OS and main applications exists in the market (especially in Eastern Europe)
- Users would accept only better (no viruses) and easier to use product, comparing to commonly used software
- Popular OS aren't adapted to usage in Lithuania and Latvia (localizations, spelling, browser bookmarks, fonts, templates, dictionaries, internet providers)

One more GNU/Linux distro - because of software patents

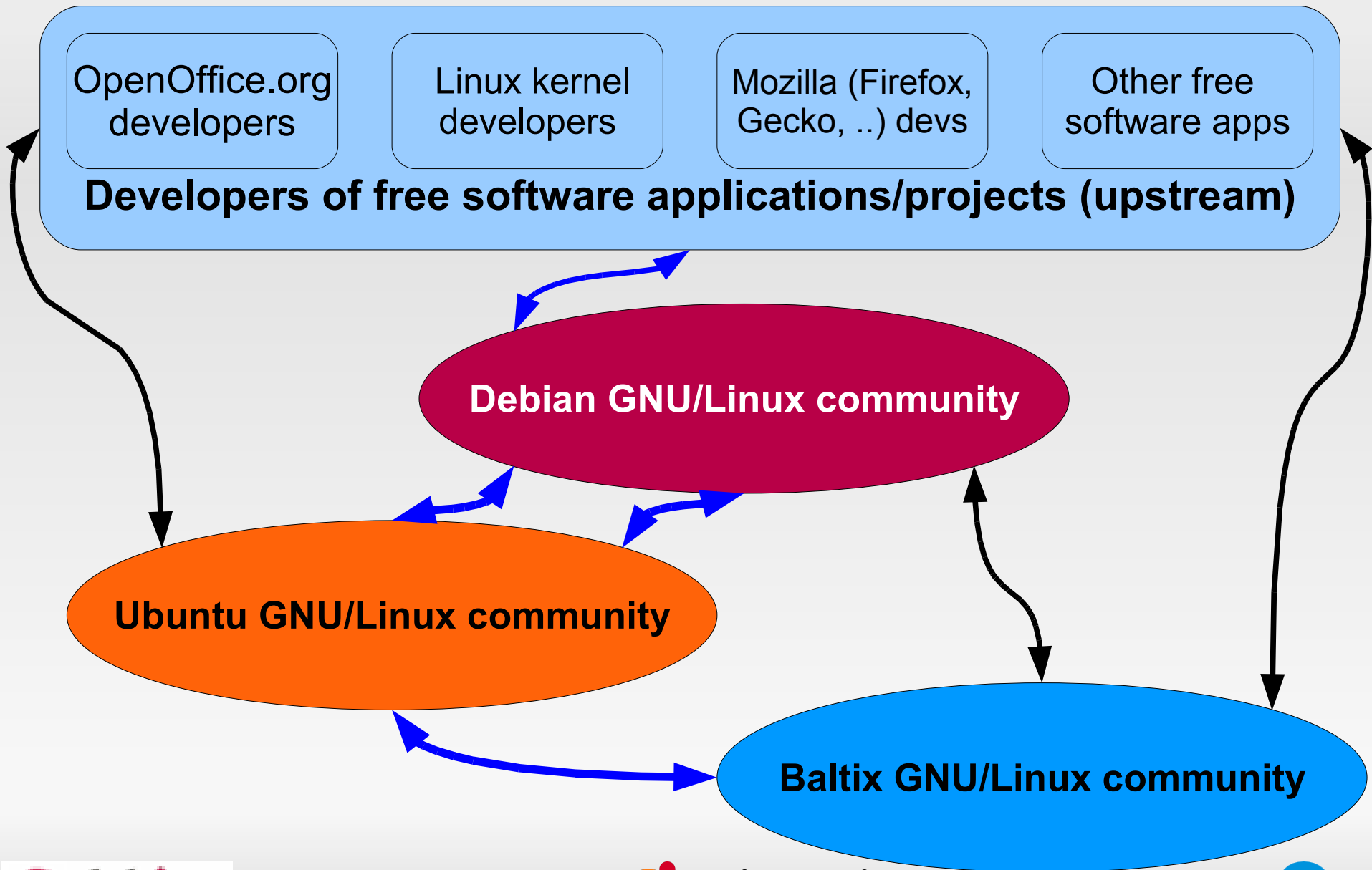
- Worldwide Linux distributions (Ubuntu, Fedora, etc.) can't include support for popular multimedia formats and hardware devices in CD, because of software patents restrictions in USA and some other countries.
- In EU software patents are not valid, so, DVD, XVID, DivX, MPEG4, MP3, digital TV (H264), etc. patented formats and hardware devices with proprietary drivers/firmware are supported in Baltix by default

History of the Baltix OS

- ~2002 we (members of AKL) understood the demand of adapted operating system
- After few months one Norwegian (Conrad Newton) suggested to join to development of Linux LiveCD for Baltic region people
- first OS versions (named NordisKnoppix) released in 2003, based on Debian Knoppix
- Morphix framework was chosen for LiveCD and installation technology
- Ubuntu LiveCD technology and packages were chosen at 2005(guadalinex installer from Spain)



Baltix development scheme



Typical Baltix release route

- 1. Downloading of new Ubuntu release (desktop CD)
- 2. Unpacking of compressed filesystem from Ubuntu CD
- 3. Applying updates and bugfixes from official Ubuntu repositories
- 4. Removing unneeded software packages (like Chinese fonts or help translations)
- 5. Adding software, requested by our users, testing, fixing and reporting Ubuntu bugs

OS development tools

- For communication - instant messaging (jabber/XMPP, IRC), mailing lists and forums
- Wishes/issues/bugs tracking systems (BTS) and source code version control/collaboration systems
- Automatic compilation (package building) servers (Personal Package Archives - PPA)
- Tools for easy CD/DVD images (.ISO files) creation

launchpad.net - tool for FOSS projects (Ubuntu, Baltix, etc)

The screenshot shows a Mozilla Firefox browser window titled "Baltix GNU/Linux in Launchpad - Mozilla Firefox". The address bar contains "https://launchpad.net/baltix". The page features several navigation buttons: "Report a bug", "Ask a question", "Help translate", and "Mentoring available". Below these is a search bar labeled "Find a Package".

The main content area is divided into two columns. The left column is titled "Latest bugs reported" and lists five bug reports:

- #200150 please backport gnome-main-menu 0.9.9 also in **Gutsy Backports**, reported on 2008-04-08 by Mantas Kriaučiūnas
- #1610 libntfs-gnomevfs doesn't seem to do anything (?) also in **Ubuntu**, reported on 2008-04-07 by Mantas Kriaučiūnas
- #94690 Vista NTFS partition unbootable after resize also in **Ubuntu**, reported on 2008-04-07 by Mantas Kriaučiūnas
- #194570 ntfsdecrypt is incorrectly packaged also in **Ubuntu**, reported on 2008-04-07 by Mantas Kriaučiūnas
- #102426 Garbled sound in

The right column displays project metadata:

- Bug contact: None
- Security contact: None
- Driver: Mantas Kriaučiūnas
- Members: Baltix Members
- Uses Launchpad for: Nothing
- Uploaders:

At the bottom of the right column, there is a section titled "Top contributors" with the following data:

Contributor	Points
Mantas Kriaučiūnas	3004 points
Jurais Pralauškus	250 points

Main Baltix GNU/Linux features

- Full support of Latvian, Lithuanian and Russian languages, spelling dictionaries
- Full support for popular multimedia formats
- Better support for popular printers, wireless, etc (included proprietary drivers/firmware)
- Possibility to run lots of software and games, compiled for MS Windows OS
- Automatic (non-interactive) installation
- Hardware testing tools (badblocks, tesdisk)
- Mobile internet (3G/GPRS) software + other useful software and games

Baltix GNU/Linux variants (subprojects)

- Main variant: for Desktop computers (based on Ubuntu Desktop version)
- DVD version for schools, universities and other educational institutions - <http://mokslui.akl.lt> (ordered and distributed by LT Education ministry)
- Baltix Server – easy to use GNU/Linux OS for servers with lightweight graphical desktop environment (LXDE) and easy to use remote administration tools (webmin)

Lets work together - Latvians GNU/Linux users wanted !!!

- Lets work together - Latvians testers, designers, developers, translators are missing !!!
- Lets make free and easy to use operating system available for everyone - business partners or resellers wanted (already done in Lithuania) !!!
- Full OS with all needed applications can be installed automatically, without human interaction - lets sell ready to use computers instead of naked hardware without OS !!!

Few word about OS for LT (AKL)

- Public organization Open Source for Lithuania::
 - Founded in 2002 after Linux 10-years birthday party
 - Most active in 2004 - 2005
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Useful bookmarks

- <http://baltix.it>
- <http://launchpad.net/baltix>
- <http://ubuntu.it>
- <http://akl.it/en>
- <http://mokslui.akl.it>
- <http://sourceforge.org>
- <http://gnu.org>

Choose Baltix OS for you work and entertainment !



GNU/Linux operating system

Questions?

Вопросы?

Klausimai?

