



Mark Purcell <msp@debian.org>

Introduction

The Debian KDE Extras Team maintain a portfolio of extra application packages for Debian GNU/Linux outside the KDE core applications

Core KDE applications managed by another group:
Debian Qt/KDE Maintainers
<debian-qt-kde@lists.debian.org>
kdebase, kdenetwork, kdepim, ...

Other KDE applications maintained by singleton maintainer, eg amarok

Debian adds debian/ dir to upstream archive to control build time dependencies and generate run time dependencies

'Extra' Applications and 'popularity'

1153	kaffeine – media player
1050	kile – LaTeX environment
884	kipi-plugins – image manipulation plug ins
840	digikam – digital photo management
732	kphone - SIP Voice over IP
660	digikamimageplugins – photo plug ins
622	kmplayer – media player
279	knemo – network interface manager
243	kmymoney2 – personal finance manager
200	taskjuggler – project management
173	twinkle - SIP Voice over IP
127	codeine - media player
126	rsibreak – repetitive strain injury
124	codeine - media player
84	kiax - IAX Voice over IP
61	strigi - desktop search

The Team

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kafeine - media player

Debian Issues:

The documentation provided with kafeine is distributed under the GNU Free Documentation License (FDL). They are considered free with regards to the Debian Free Software Guidelines (DFSG) because they don't contain any unmodifiable parts (invariant sections).

Fantastic for DVB (digital TV)

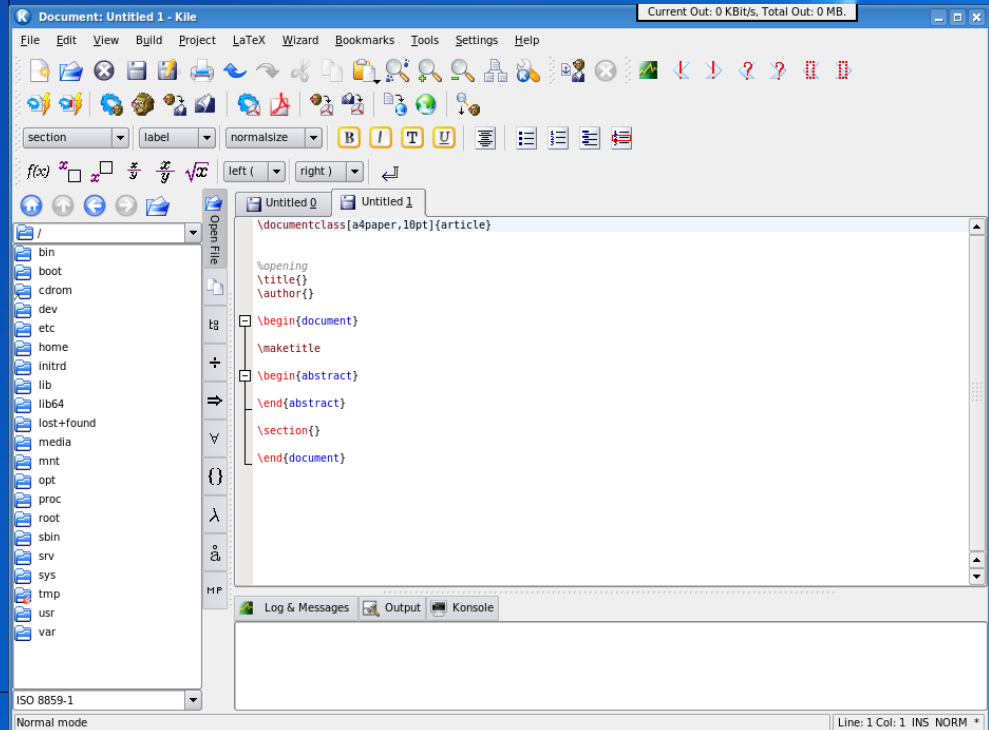
Upstream & ubuntu patches



kile - LaTeX

Debian Issues:

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re-libtoolizing at build time



digikam - photo management

Debian Issues:

Awsome digital photo management! dot.kde.org
Tom Albers - upstream & svn.debian.org
Achim Bohnet - ubuntu packages & svn.debian.org
relibtooliztion
0.9.0~beta2 in experimental
0.8.2 in unstable/ testing
servicemenu tweaking

Current In: 0 KBits, Total In: 0.032019 MB
Current Out: 0 KBits, Total Out: 0.008434 MB

Album Tag Image Select View Tools Camera Settings Help

My Dates

2005

March

April

May

September

October

2006

January

February

March

April

May

June

July

July 2006

Mo Tu We Th Fr Sa Su

26 3 4 5 6 7 8

27 10 11 12 13 14 15 16

28 17 18 19 20 21 22

29 24 25 26 27 28 29 30

30 31

My Albums/UK/2006, July, 16
July 2006 - 7 Items

cimg1384.jpg created: 16/07... modified: 16/07... 3.9 MB

cimg1385.jpg created: 16/07... modified: 16/07... 4.3 MB

cimg1386.jpg created: 16/07... modified: 16/07... 4.3 MB

cimg1387.jpg created: 16/07... modified: 16/07... 4.3 MB

cimg1388.jpg created: 16/07... modified: 16/07... 4.3 MB

cricket.jpg created: 16/07... modified: 16/07... 4.1 MB

cimg1390.jpg created: 16/07... modified: 16/07... 3.2 MB

File Properties

Folder: /home/mark/Pic.../K2006, July, 16

Modified: 16/07/06 14:08:44

Size: 3.9 MB (4,069,079)

Owner: mark - mark

Permissions: -rw-r--r--

Image Properties

Type: JPEG Image

Dimensions: 3072x2304 (7.08Mpx)

Compression: JPEG quality Unknown

Bits Depth: unavailable

Color Mode: Colour

Photograph Properties

Make: CASIO COMPUTER CO.,LTD.

Model: EX-Z120

Created: 16/07/06 14:08:43

Aperture: F8

Focal: 7.9 mm (35mm: 38.0 mm)

Exposure: 1/500 s

Sensitivity: unavailable

Mode/Program: Auto / Auto

Flash: No, compulsory

White balance: Auto

EXIF Makernote IPTC GPS

Photograph Information

Contrast: Normal

Exposure Bias: 0

Exposure Mode: Auto

ExposureProgram: Auto

Exposure Time: 1/500 s

FNumber: F8

Flash: (88)

Focal Length: 7.9 mm

Light Source: Unknown

Metering Mode: Matrix

Saturation: Normal

Sharpness: Normal

White Balance: Auto

Image Information

Date and Time: 2006-01-30 11:20:28

Manufacturer: CASIO COMPUTER CO.,LTD.

Model: EX-Z120

f4.jpg (3 of 25) Zoom: 22.92% 3072x2304 (7.08Mpx)

kipi-plugins

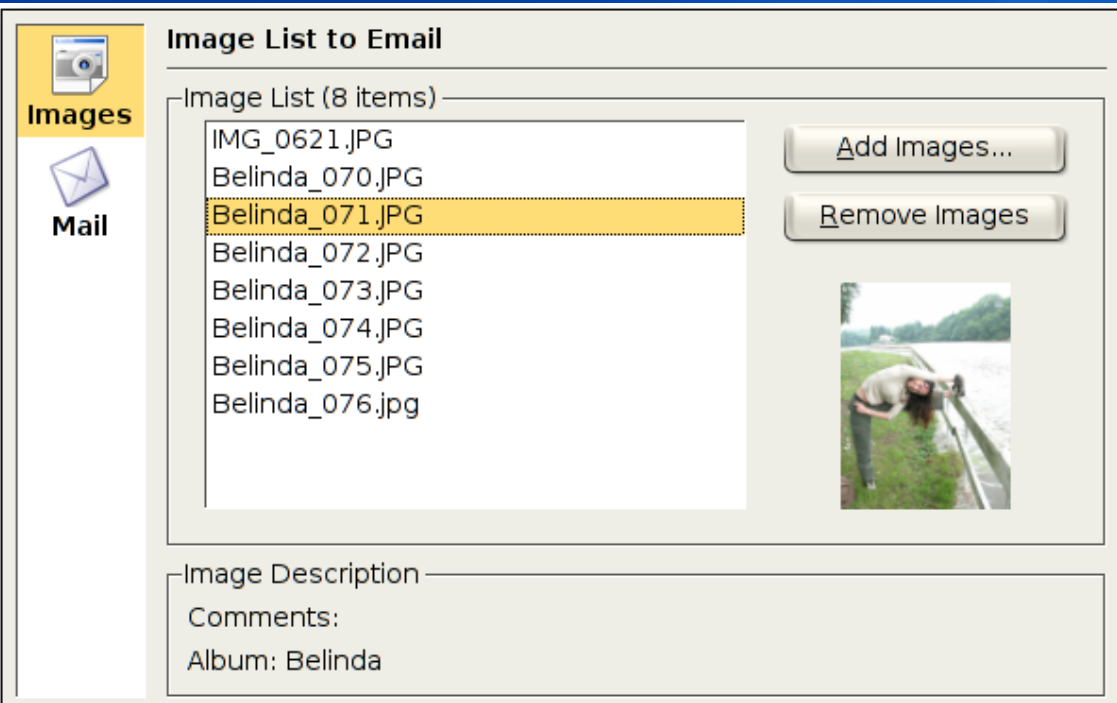
Debian Issues

Tom Albers (Upstream) is part of team GREAT! regularly commits to svn.debian.org

Pull patches from upstream (Flicker)

Uses some non-free components - mjpegtools

GREAT! Works across digikam, gwenview & kimdaba



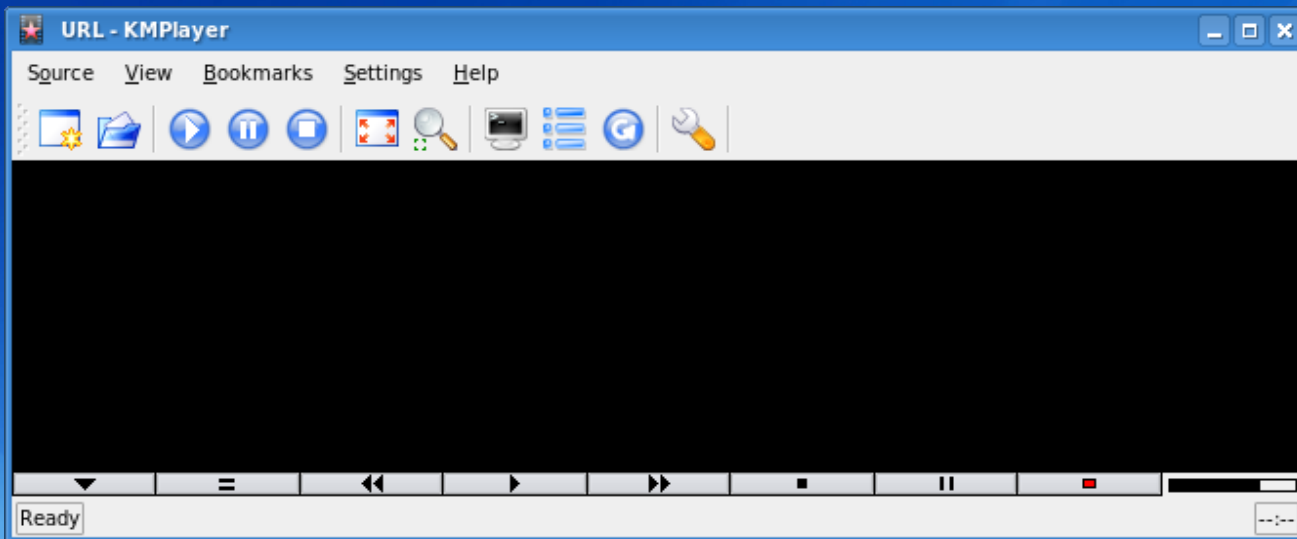
kmplayer - media player

Debian Issues:

Originally only available from Christian Marillat
<http://www.debian-multimedia.org>

Used non-free mplayer

Now allows for gstreamer and xine backends and meets
DFSG

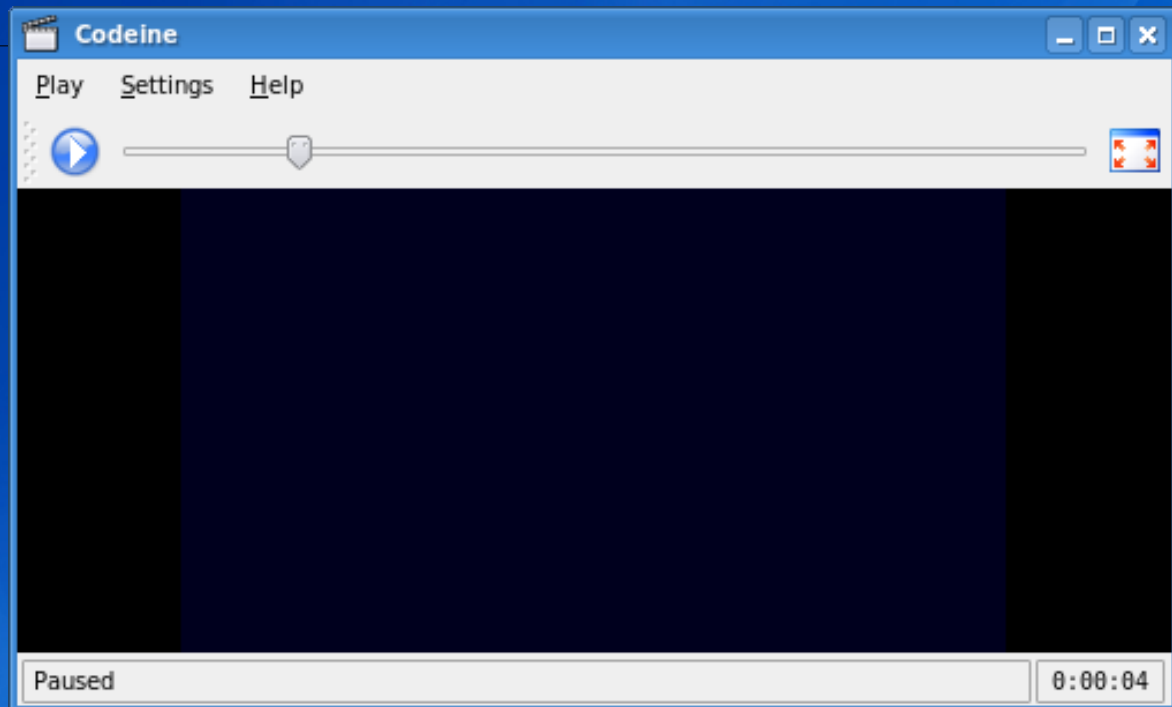


codeine - media player

Debian Issues

Slick media player..

.dfsg version removes redundant/ FDL doc/ dir

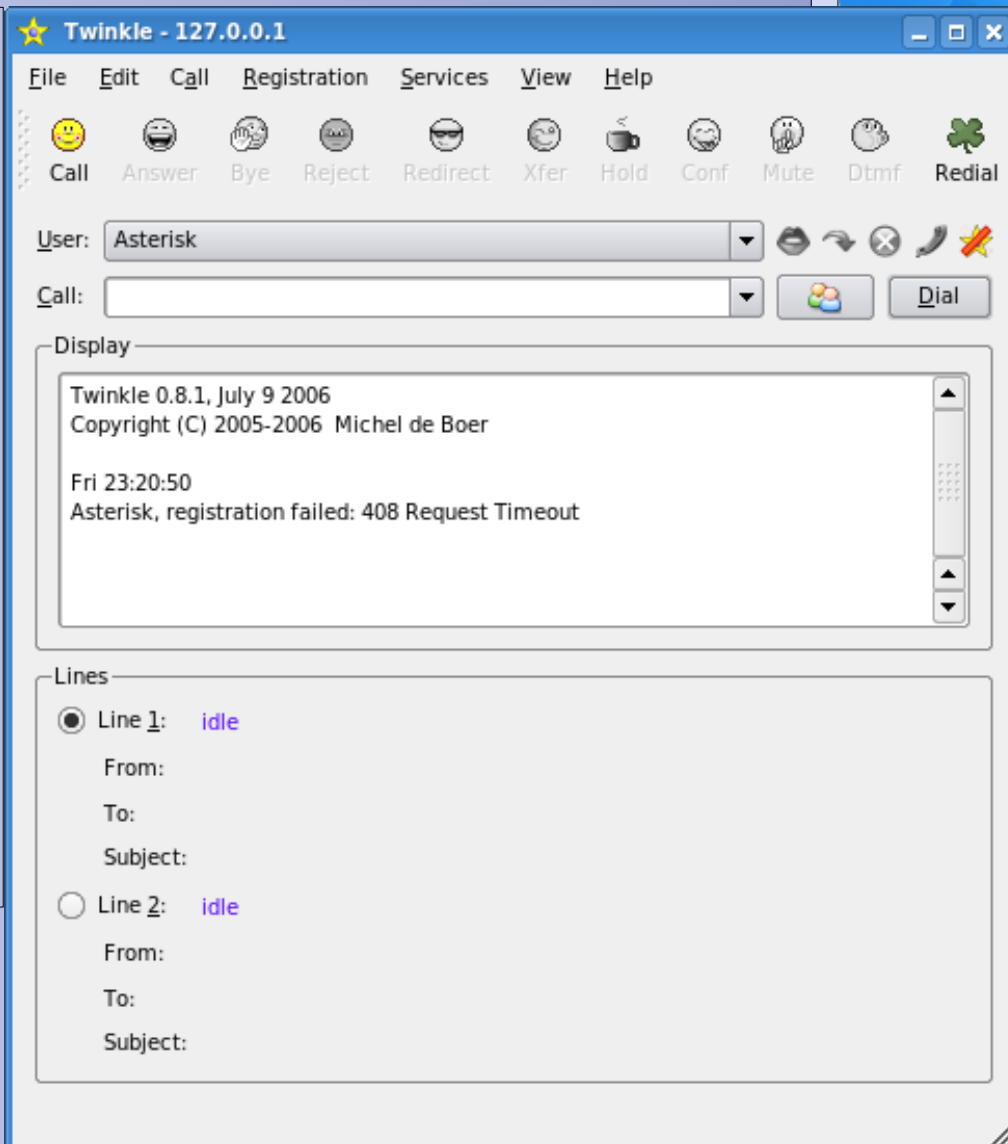


twinkle - sip voip

Debian Issues

Worked with upstream
In order to make twinkle
DFSG compliant the
audio/ilbc portion of code
has been removed and the
package as been built with
./configure --without-ilbc

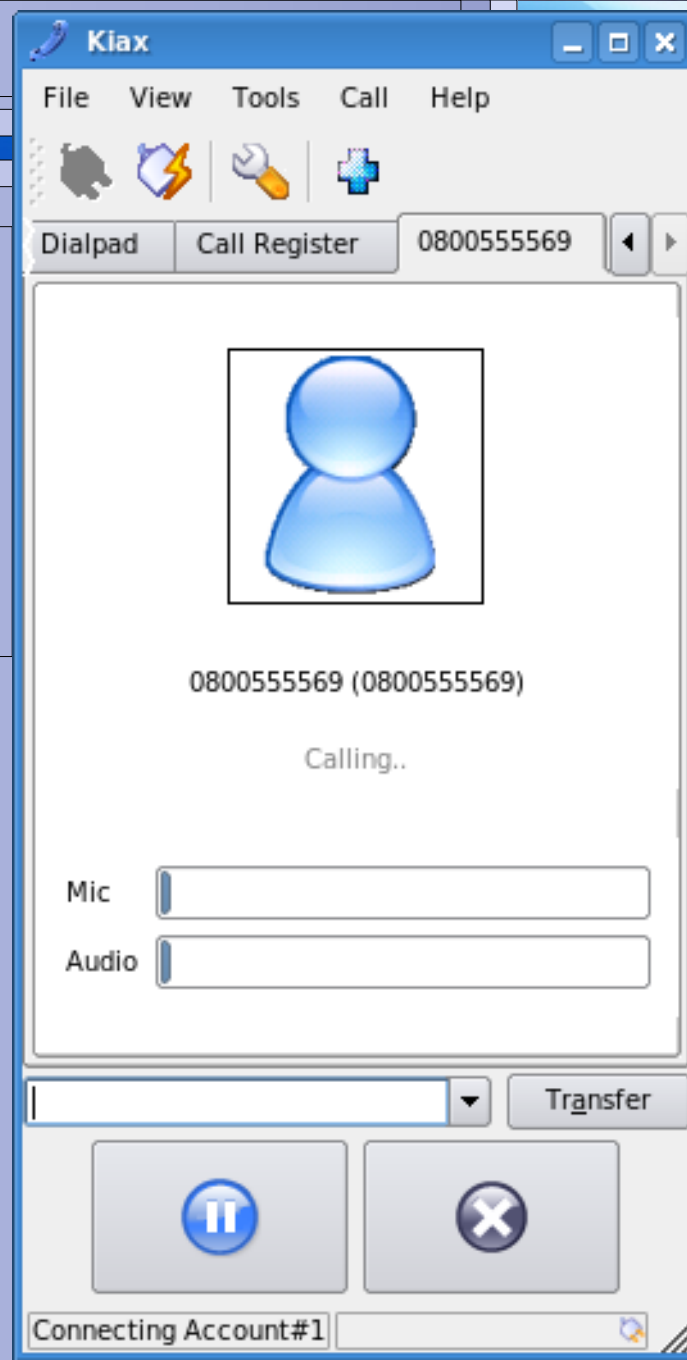
Great integration with KDE
Address book, but Debian
wants with and without kde
dependencies



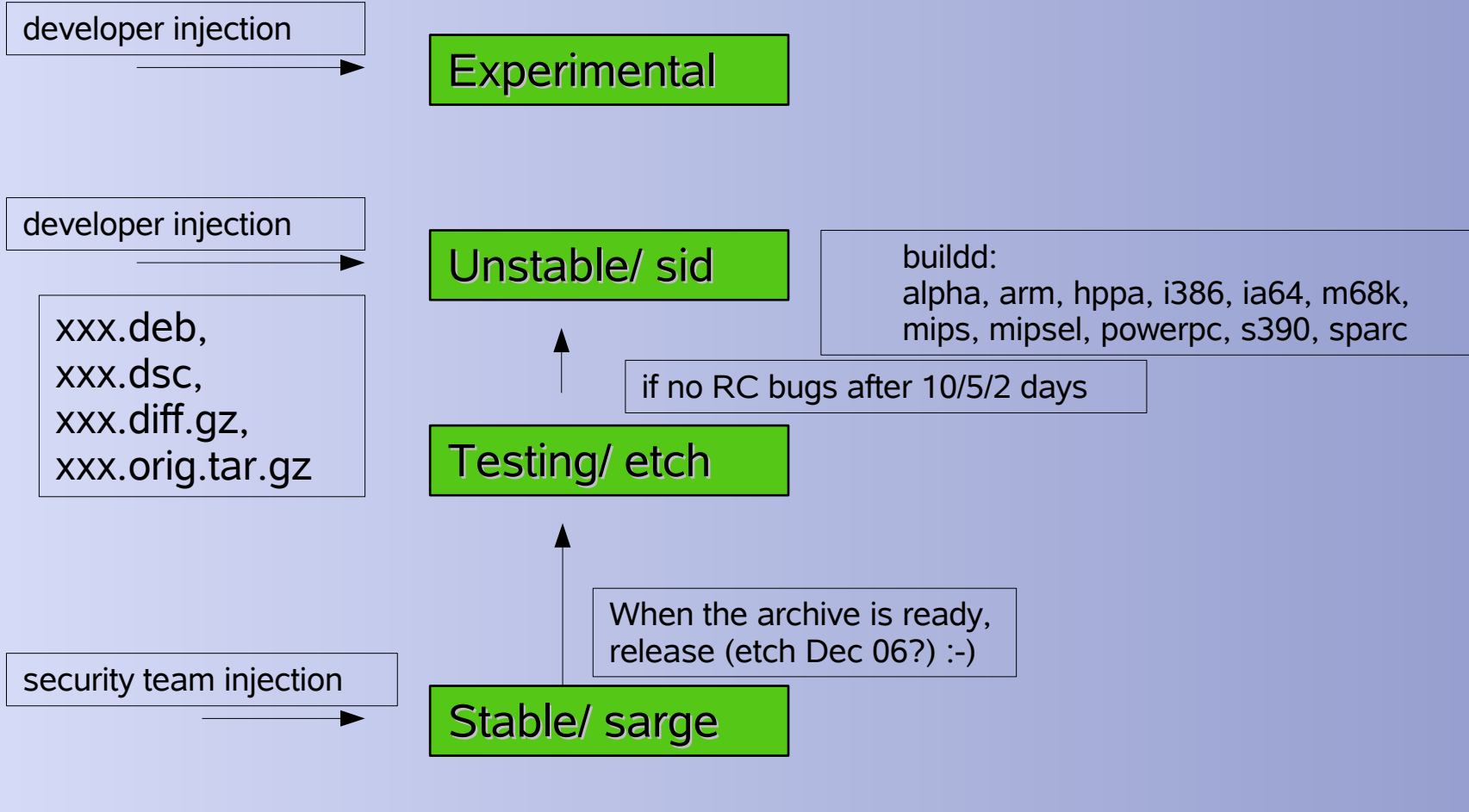
kiax - iax voip

Debian issues

Nice VoIP User Interface
Grabbed pre-packaged deb & George
Danchev is now part of kde-extras!
iLBC removed to make DFSG



How packages are incorporated into Debian



Debian Quality Assurance

lintian - dissects Debian packages and reports bugs and policy violations. It contains automated checks for many aspects of Debian policy as well as some checks for common errors.

Debian Policy Manual

The Debian Archive

Binary Packages

Source Packages

Control Files and their Fields

Package Maintainer Scripts and installation

Declaring Relationships between Packages

Shared Libraries

Operating System

Files

Customized Programs

Documentation

<http://qa.debian.org/developer.php?login=pkg-kde-extras@lists.alioth.debian.org>



Debian Quality Assurance

Source Name	Version				Excuses	Build
	Ubuntu - Edgy	Testing	Unstable	Exp		
codeine* PTS Pool	1.0.1-3.dfsg-1	1.0.1-3.dfsg-1		-	-	Build More
digikam* PTS Pool	<i>1:0.8.2-2ubuntu1</i>	<i>1:0.8.2-2</i>		1:0.9.0~beta2-1	-	Build More
digikam-doc* PTS Pool	-	0.8.2-r1-1		-	-	-
digikamimageplugins* PTS Pool	<i>0.8.2-3</i>	<i>0.8.2-3</i>		0.9.0~beta1-2	-	Build More
digikamimageplugins-doc* PTS Pool	-	0.8.2-r1-1		-	-	-
icecc* PTS Pool	<i>0.7.3a-4ubuntu2</i>		0.7.14-1	-	Excuses More	Build More
kaffeine* PTS Pool	<i>0.8.1-3ubuntu3</i>	<i>0.8.1-3</i>	0.8.2-1	-	Excuses More	Build More
kasablanca* PTS Pool	<i>0.4.0.2-1build1</i>	0.4.0.2-1 incoming: 0.4.0.2-2		-	-	Build More
kbarcode* PTS Pool	<i>2.0.3-1ubuntu2</i>	2.0.3-1	2.0.4-1	-	Excuses More	Build More

Debian bug tracking & synchronisation with KDE bug tracking

<http://bugs.debian.org/cgi-bin/pkgreport.cgi?maint=pkg-kde-extras%40lists.aliases.debian.org>

Outstanding bugs -- Important bugs; Patch Available (2 bugs)

- **#364117: klibido: no headers at all after group update (error parsing xover)**
Package: [klibido](#) (klibido 0.2.5-2); Severity: *important*; Reported by: [Christian Pernegger <pernegger@gmail.com>](#); Tags: **patch, upstream**; **155 days old**.
- **#379232: klibido: Crash when pausing downloads**
Package: [klibido](#) (klibido 0.2.5-2); Severity: *important*; Reported by: [Jerome Marant <jerome@debian.org>](#); Tags: **patch**; **63 days old**.

Outstanding bugs -- Important bugs; Unclassified (3 bugs)

- **#332224: digikam: Digikam hangs trying to generate a thumbnail for *.MOV movies within the camera [basic USB access]**
Package: [digikam](#) (digikam 0.7.2-2); Severity: *important*; Reported by: [Yojik77 <yojik77@club-internet.fr>](#); **354 days old**.
- **#350731: taskjuggler_2.2.0-1(m68k/unstable/poseidon): FTBFS on m68k**
Package: [taskjuggler](#) (taskjuggler 2.2.0-1); Severity: *important*; Reported by: [Stephen R Marenka <stephen@marenka.net>](#); **235 days old**.
- **#383698: ksyntaxics: not build by s390 build, but arch:any**
Package: [ksyntaxics](#) (ksyntaxics 0.3.1-1); Severity: *important*; Reported by: [Olivier Trichet <nive@freesurf.fr>](#); **36 days old**.

Outstanding bugs -- Important bugs; More information needed (1 bug)

- **#325588: kile crashes on auto-save, incurring data loss**
Package: [kile](#) (kile 1:1.7.1-3); Severity: *important*; Reported by: [Johannes Wiedersich <johannes@physik.blm.tu-muenchen.de>](#); Tags: **moreinfo, unreproducible**; **1 year and 25 days old**.

Integration and interaction with kde & kubuntu developers

svn.debian.org kde-extras archive and potential for non Debian contributors

Anyone can have an account on alioth.debian.org

Convince kde-extras you can spell svn and debian/rules and you will get commit access

Lets use as single svn archive of debian/ dir for Debian & kubuntu and we can branch, fork and merge as needed..