

Strumenti liberi per produrre cultura libera



Italian Linux Society @ Just Copyleft 20 luglio 2018

Rosario Antoci

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Strumenti liberi per produrre cultura libera



Rosario Antoci

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Capolavoro realizzato con GIMP rilasciato liberamente in CC-BY-SA 4.0 Int.

Di cosa facciamo parte

- **Italian Linux Society** (dal 1994 in Italia)
<http://www.ils.org>

Cosa facciamo

- Linux Day
- Campagne di donazioni
- Coordinamento gruppi locali



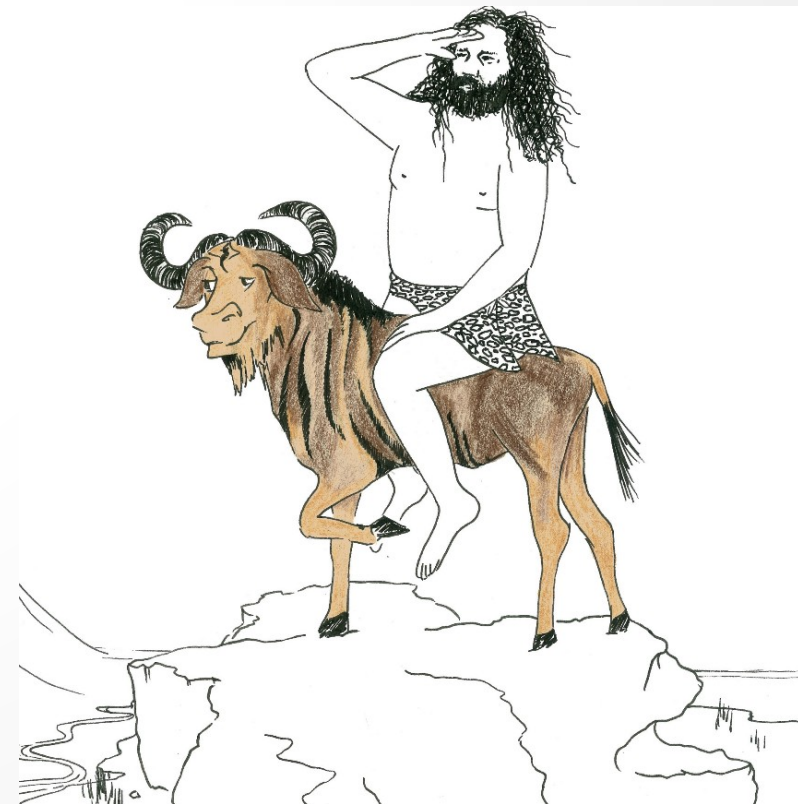
Corsi GNU/Linux base 2018



“Copyleft”

«I want to make sure that all versions remain free as in freedom» (1985)

— Richard Stallman | GNU General Public License



“Software libero”?

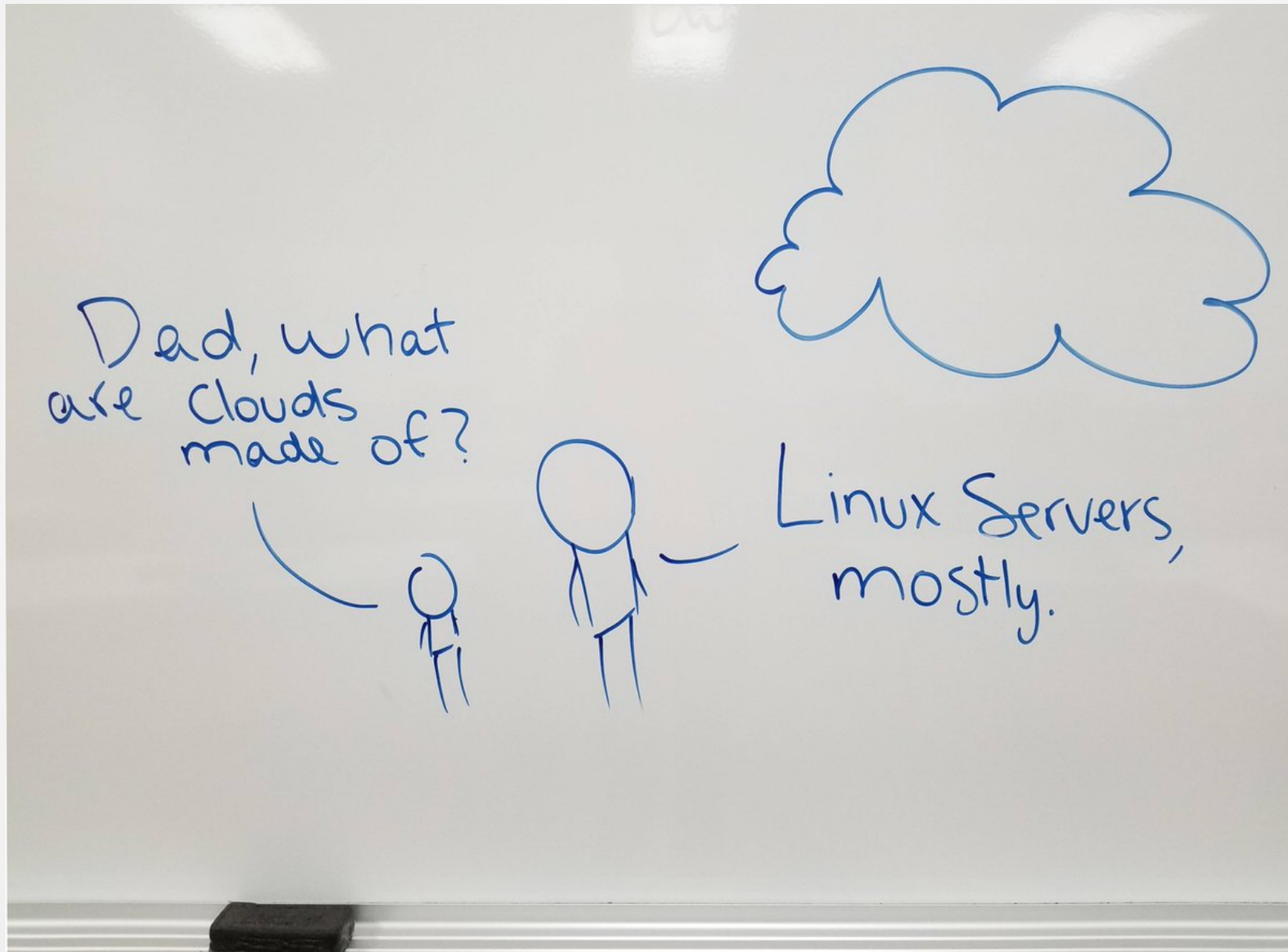
Se puoi fare **tutto** ciò **senza restrizioni**:

- Utilizzo
- Studio
- Modifica
- Condivisione

Software libero “copyleft”?

- Alcune licenze libere **molto permissive**
 - Pubblico dominio
- Alcune licenze libere **permissive**
 - Mozilla Public License 2
 - Apache 2.0
- Alcune licenze libere **copyleft**
 - GNU General Public License v2+

Dov'è il software libero?

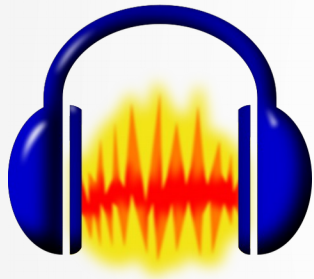


Elaborazione immagini con GIMP



1996
GNU GPL v3+

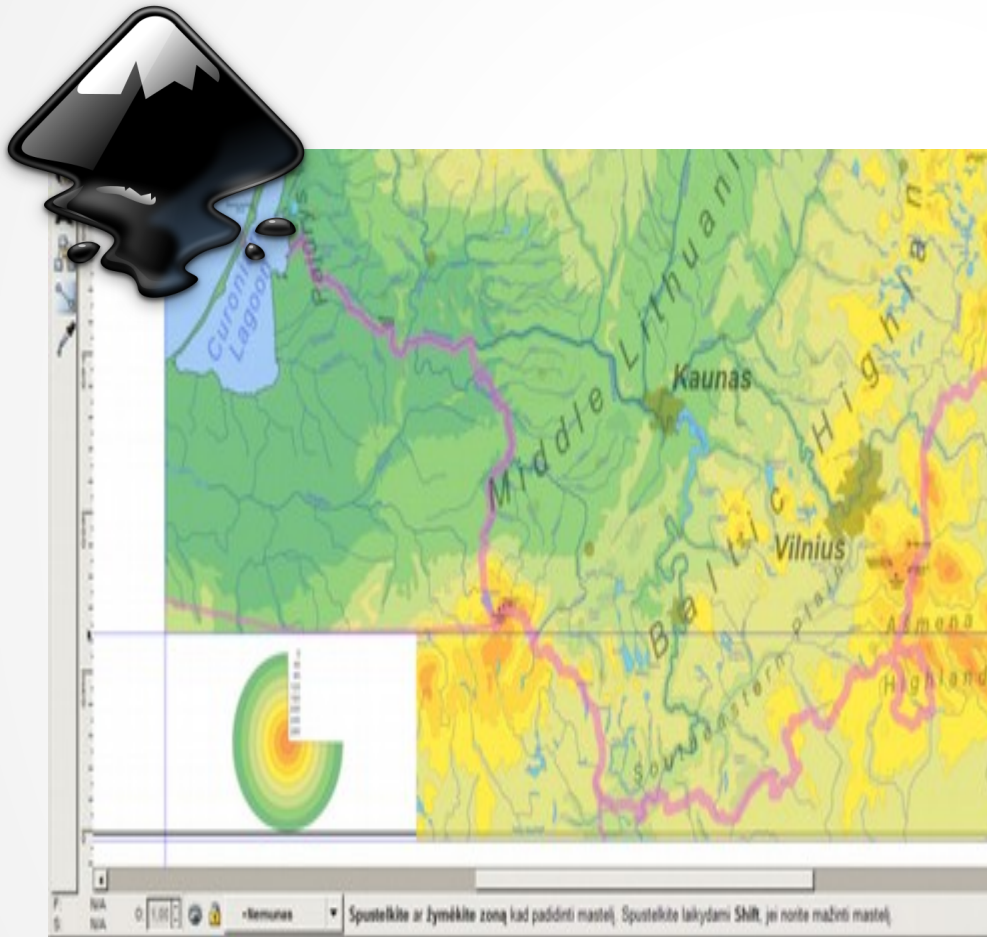
Audio editing con Audacity



2000
Università Carnegie Mellon
Pennsylvania
GNU GPL v2+

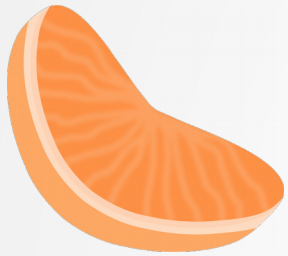
A screenshot of the Audacity audio editing software interface. The window title is "Audacity". The menu bar includes "File", "Modifica", "Visualizza", "Attività", "Tracce", "Genera", "Effetti", "Analizza", and "Aiuto". The toolbar contains various icons for playback, editing, and analysis. Below the toolbar, there are dropdown menus for "ALSA", "default: Front Mic:0", "2 (Stereo)", and "default". A time axis at the top shows values from -0.30 to 1.90. The main area displays three audio tracks. The top track is labeled "Traccia audi" and is in "Mono, 44100Hz, 32-bit float" format. The middle and bottom tracks are labeled "Traccia audi" and are in "Stereo, 44100Hz, 32-bit float" format. Each track has a volume control knob and a solo button. The bottom track shows a selection with a green highlight. At the bottom of the window, there are fields for "Frequenza" (4410), "Ancora a" (Non attivo), "Inizio selezione" (00 h 00 m 00.594 s), "Fine" (00 h 00 m 00.907 s), and "Posizione audio" (00 h 00 m 00.000 s). The status bar at the very bottom indicates "Fermato." and "Fai clic e trascina per modificare il margine destro della selezione." and "Frequenza effettiva: 44100".

Inkscape



2003
GNU GPL v3+

Clementine



2010
GNU GPL v3

The screenshot displays the Clementine music player interface. The main window shows a playlist of songs with columns for 'Artista', 'Titolo', 'Album', 'Durata', and 'Fonte'. The song '(Don't Fear) The Reaper' by Blue Oyster Cult is highlighted. The left sidebar contains a search bar, a 'Tag Artista' section with various music genres, and a 'Biografia da wikipedia' section for Blue Oyster Cult.

Blue Oyster Cult - (Don't Fear) The Reaper

Artista	Titolo	Album	Durata	Fonte
Lene Marlin	Unforgivable Sinner	Playing My Game	4:06	
Bon Jovi	Always	Greatest Hits	5:53	
Semisonic	Closing Time	Feeling Strangely Fine	4:33	
Madonna	Miles Away	Hard Candy	4:48	
Natalie Imbruglia (Elastica)	When You're Sleeping	Counting Down The Days	3:04	
Rancid	2:1	Trainspotting	2:33	
Dire Straits	Tropical London	Indestructible	3:03	
Dire Straits	Walk of Life	Private Investigations: The Best Of Dire Straits ...	4:08	
Blue Oyster Cult	(Don't Fear) The Reaper	The Best of - Don't Fear the Reaper	5:09	
The Beatles	Eight Days A Week	1	2:44	
Antonello Venditti	Sara	Sotto il Segno Dei Pesci	4:30	
Emilia	Big Big World	Big Big World	3:23	
Madonna	American Pie	21st Century MP3	4:33	
Jovanotti	Purto	Safari	4:11	
Billy Idol	Rebell 'til	Idolize Yourself - The Very Best Of	4:49	
Propagandhi	Anchorless	Less Talk, More Rock	1:39	
Lara Martelli	Vittima Della Stagione	Orchidea porpora	3:02	
Credence Clearwater Revival	Have You Ever Seen The Rain	CCR Chronicle: The 20 Greatest Hits	2:40	
Suzanne Vega	Gypsy	Solitude Standing	4:04	
Colossal	The 1/5 Compromise	Welcome The Problems	3:53	
Irene Fargo	Camminando	La Voce Magica Della Luna	4:00	
Therapy?	Screamager	Troublegum	2:36	
NDFX	Please play this song on the radio	White Trash, Two Heebz, and a Bean	2:17	
CCCP	Io sto bene	Live in Punkow	4:30	
Matsuyahu	Time of Your Song	Youth	4:27	
Articolo 31	Un Altra Cosa Che Ho Perso	Messa di vesperi	3:49	
Scissor Sisters	I Don't Feel Like Dancin'		4:29	
Cypress Hill	What's Your Number?	Till Death Do Us Part	3:50	
Fine Young Cannibals	Suspicious minds	The Finest	3:58	
Gianluca Grignani	Falco A Meta'	Succo Di Vita	4:44	
Duran Duran	Ordinary world	Greatest	4:40	
Carla Bruni	Le ciel dans une chambre	Quelqu'un m'a dit	4:48	
Claudio Lollì	Via Col Vento	Claudio Lollì	5:15	
The Cure	Pictures of You	Entreat	7:08	
Blink 182	I Miss You	Feeling This	3:48	
Gino Paoli	Quattro Amici Al Bar		4:55	
Max Pezzali	Me la caverò	Tutto Max	3:43	
Arisa	La Mia Strana Verità	Sincerità	3:28	
Maria Pierantoni Giua	Aprimi le braccia	Giua	3:37	
Michael Jackson	Black or white	King Of Pop	4:18	
Manà	en el muelle de san blas	Grandes	5:53	
Tracy Chapman	Less Than Strangers	Telling Stories	3:19	
Ja Rule	Murder Reigns	Last Temptation	4:03	
4 Non Blondes	What's up	die Hitgiganten	4:54	
Fine Young Cannibals	Ever fallen in love	The Finest	3:55	
The Smashing Pumpkins	Tonight, Tonight	Rotten Apples (The Greatest Hits)	4:16	
Spice Girls	Viva Forever	Greatest Hits	4:13	
Manic Street Preachers	if You Tolerate This Your Children Will B...	Forever Delayed	4:52	
The Police	So Lonely	Greatest Hits	4:48	
Antonello Venditti	Ci Vorrebbe Un Amico	Diamanti	3:53	
Daive Van De Sfroos	Yanez	Yanez	3:44	

Biografia da wikipedia

Blue Oyster Cult (often abbreviated BOC) is an American rock band from Long Island, New York, United States, best known for such hard rock and heavy metal songs as "I Don't Fear) The Reaper", "Godzilla" and "Burnin' for You". Since the release of their self-titled debut album in 1972, the band has sold over 24 million albums worldwide, including 7 million in the United States alone. The band's music videos, especially "Burnin' for You", received heavy rotation on MTV when the music television network premiered in 1981, cementing the band's contribution to the development and success of the music video in modern pop culture. Today, BOC's music continues to be played on AOR-friendly radio stations as well as in movies, television shows, and commercials, and during sporting events.

Blue Oyster Cult's longest lasting and most commercially successful lineup included Donald "Buck Dharma" Rosser (lead guitar, vocals), Eric Bloom (lead vocals, rhythm guitar), Allen Laner (keyboards, rhythm guitar, backing vocals), Joe Bouchard (bass, backing vocals) and Albert Bouchard (drums, percussion, backing vocals). The band's current lineup includes Rosser and Bloom, as well as Jules Radino (drums, percussion), Richie Castellano (keyboard, rhythm guitar, backing vocals), and Kasim Sulton (bass, backing vocals).

History

Early years as Soft White Underbelly (1967-1971)

The band originated as a group called Soft White Underbelly (a name the band would later occasionally use in the 1970s and 1980s to play small club gigs around the U.S.) in 1967 in the vicinity of Stony Brook University on Long Island, New York, at the prompting of critic and manager Sandy Pearlman consisting of guitarist Buck Dharma, drummer Albert Bouchard, keyboardist Allen Laner, singer Les Braumstein and bassist Andrew Winter. Pearlman wanted the group to be the American answer to Black Sabbath.

Lilypond



«produrre spartiti musicali della migliore qualità possibile»

A musical score for 'Lilypond' featuring piano and bass staves. The score is divided into four measures with different time signatures: 2/8, 3/8, 3/8, and 4/8. The piano part is marked with dynamics such as *ff*, *f*, *mf*, *ff*, *ff*, *f*, *fff*, *fff*, *fff*, *f*, and *p*. The bass part includes dynamics like *f*, *pp*, *mf*, *p*, *pp*, *pp*, and *mf*. The score includes various musical notations such as triplets, slurs, and fingering numbers (3, 5). A dynamic marking *pp* is followed by a symbol resembling a musical note with a horizontal line through it and a small asterisk.

Test Wikipedia

1996
GNU GPL v3+

musescore

«Il software di notazione più popolare del mondo»

The screenshot displays the Musescore software interface. The main window shows a piano score for "Praeludium 10 BWV 855" in G major, 4/4 time. The score is presented in a three-page view, with the first page showing measures 1-7, the second page showing measures 8-17, and the third page showing measures 18-26. The interface includes a menu bar (File, Edit, View, Add, Notes, Layout, Style, Plugins, Help), a toolbar with various notation tools, and a left-hand palette with categories like Grace Notes, Clefs, Key Signatures, Time Signatures, Barlines, Lines, Articulations & Ornaments, Accidentals, Dynamics, Repeats & Jumps, Tempo, Text, Breaks & Spacers, and Beam Properties. A right-hand Inspector panel is open, showing settings for the selected element, including visibility, color, offsets, spacing, chord settings, note settings, and selection options. At the bottom, a Piano Keyboard is visible, and a status bar at the very bottom indicates: "Note: Pitch: E5; Duration: Half; Voice: 1; Measure: 1; Beat: 1; Staff 1".

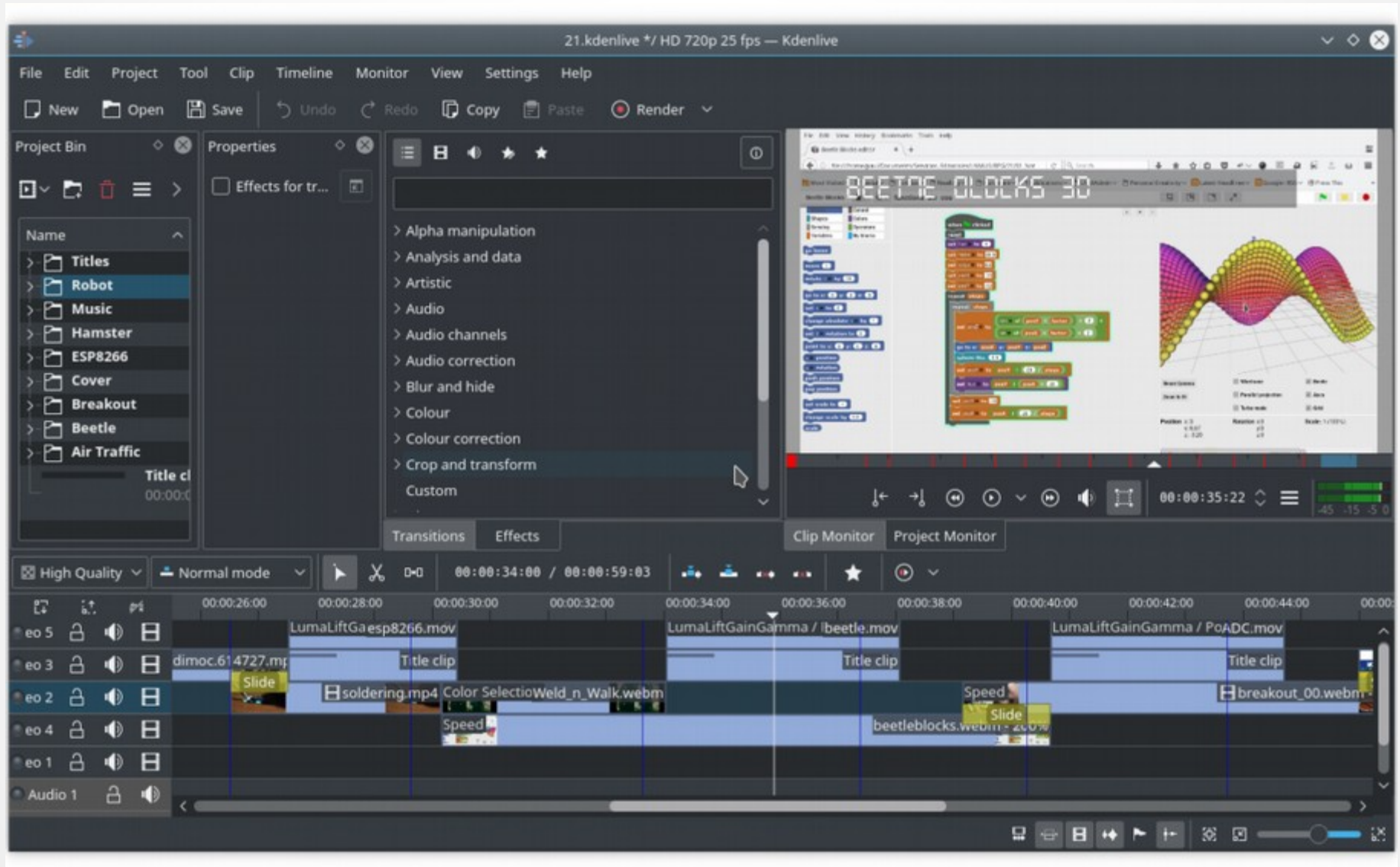


Ardour

The screenshot displays the Ardour software interface during a recording session. At the top, the transport controls show the project is playing at 00:01:27:13. The session name is 'a4-Live-Show - Mixer - Ardour'. The interface is divided into several main sections:

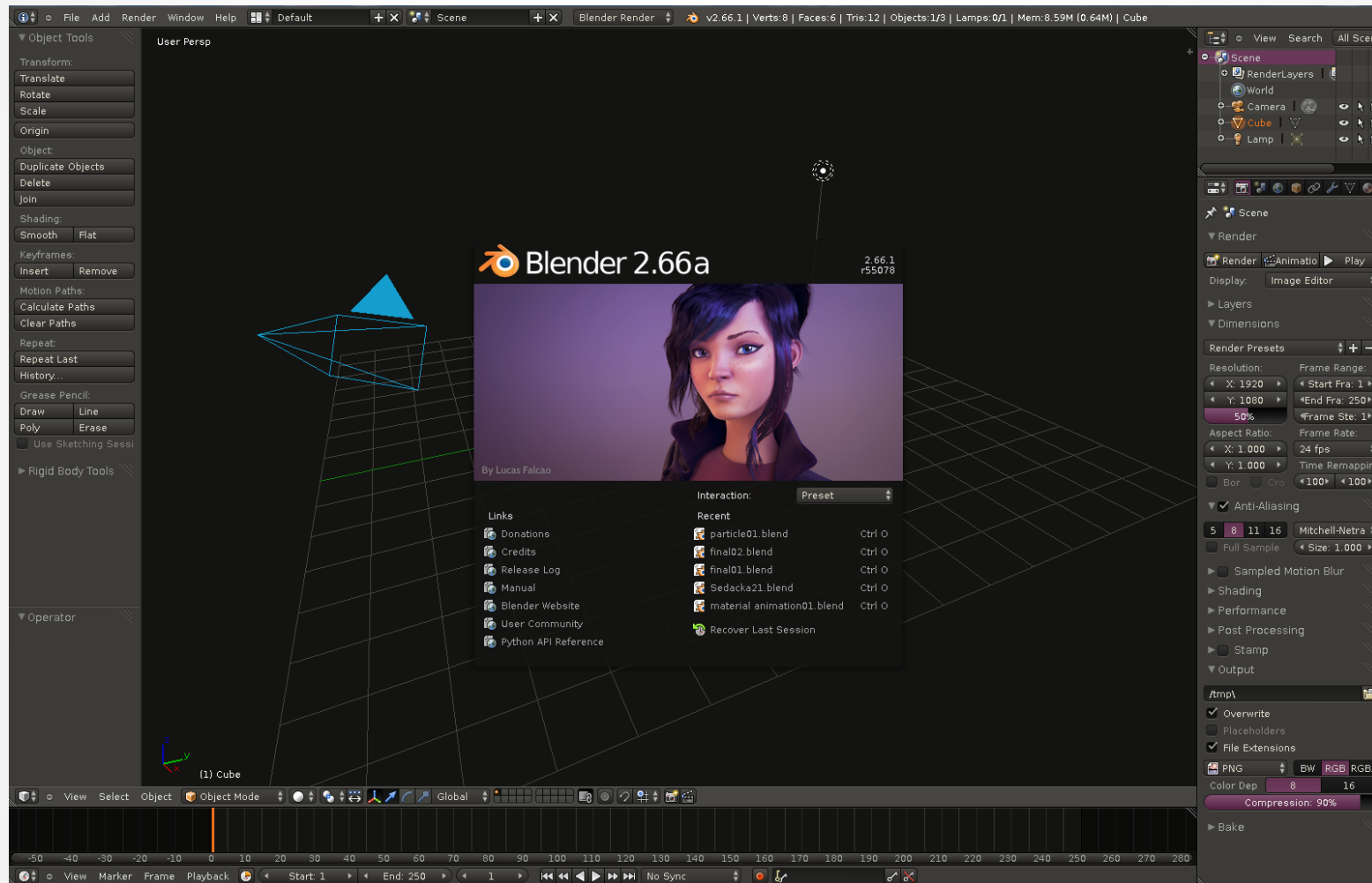
- Transport and Session Info:** Located at the top, it includes playback controls (stop, play, record, solo, punch), timecode (01:15:00), and session details like tempo (120) and meter (4/4).
- Track List:** On the left, tracks are listed with their names and solo/mute buttons. Visible tracks include Vocal, Bass DI, Claps PRT-L, Keys L, Keys R, AC Gtr A...unce-1, E Gtr Lead, E Gtr L, E Gtr R, and Gang PRT-L.
- Waveform Editor:** The central area shows waveforms for the selected tracks. A 'SOLO' button is visible on the Vocal track, and an 'Overdub' region is highlighted in orange.
- Mixer:** On the right, the mixer console shows faders and meters for each track. The faders are set to various levels, and the meters show signal levels in dB.
- Meter Bridge:** At the bottom, a meter bridge provides a visual representation of the signal levels for all tracks, with green bars indicating the current level.

Videoeediting con Kdenlive, OpenShot, ...



Blender

«modellazione, animazione, compositing e rendering di immagini tridimensionali»



e.g. realizzazioni: “Big Buck Bunny” (2008)
“Cosmos Laundromat” (2010)

1995
GNU GPL



2003
GNU GPL v2

Piattaforma di personal publishing e blogging per antonomasia

The screenshot shows the WordPress admin dashboard for the website <https://blog.linuxdaytorino.org/wp-admin/>. The dashboard is in Italian and displays the following information:

- Home:** Linux Day Torino, 12 updates, 3 comments, and a "Nuovo" button.
- Bacheca (Dashboard):**
 - In sintesi:** 201 articoli, 1 pagina, 81 commenti, 3 in moderazione. WordPress 4.7.5 con il tema Amadeus.
 - Attività:** Pubblicati di recente
 - 26 Ott 2017, 22:00: [Linux Install Party 2017](#)
 - 24 Ott 2017, 11:30: [Special Guests 2017](#)
 - 22 Ott 2017, 15:10: [Vicini di Casa](#)
 - 20 Ott 2017, 10:30: [Sulla Strada di LDT017](#)
 - 17 Ott 2017, 1:22: [W la Microsoft!](#)
- Bozza rapida:** A form to create a draft with fields for "Titolo" and "Che ti passa per la testa?". A "Salva bozza" button is present.
- Bozze:** A list of drafts, including "Privacy: fatti rispettare sul web! 29 giugno 2017" with a snippet "Quanto lavoro c'è dietro certi siti-web! Scopriamo insieme le componenti..."
- Novità di WordPress:** A sidebar with links to "Meetup di Lugli...", "Candidiamo l'Ita...", and "Meetup Reggio..."

Wikimedia Commons

«Un'archivio di 47.713.618+ file liberamente utilizzabili e cui chiunque può contribuire»



The screenshot shows the Wikimedia Commons homepage. At the top left is the Wikimedia Commons logo, a blue circle with a red dot and arrows. Below it is the text "WIKIMEDIA COMMONS". To the right of the logo is a navigation menu with "Main page" and "Discussion" tabs. Further right are "View", "View source", and "View history" links, followed by a search box. In the top right corner, there is a "Log in / create account" link. Below the navigation is a welcome message: "Welcome to Wikimedia Commons, a database of 7,879,871 freely usable media files to which anyone can contribute." To the right of the welcome message are three categories: "Nature Images", "Science Sounds", and "Society Videos". Below the welcome message is a "Picture of the day" section featuring a photograph of an owl perched on a pine branch. To the right of the owl is a "Map donation by the IUCN red list" section with a small image of a building and text explaining that the IUCN Red List has agreed to license distribution maps derived from their website with a Creative Commons By-SA 2.0 license. Below this is a "Highlights" section with text about starting with featured pictures, quality images, or valued images, and links to meet our photographers and illustrators. At the bottom right is a "Content" section with a "By topic" list including Nature, Animalia, Fossils, Landscapes, and Marine life, and a list of categories like [+], Commons, Copyright statuses, and Featured items.

WIKIMEDIA COMMONS

Main page Discussion View View source View history Search

Log in / create account

Welcome to Wikimedia Commons,
a database of 7,879,871 freely usable media files to which anyone can contribute.

Nature Images Science Sounds Society Videos

Picture of the day

Picture of the day

Map donation by the IUCN red list

The **IUCN Red List** has agreed to license distribution maps derived from the data present on their website with a Creative Commons By-SA 2.0. There are currently around 25,000 maps for many species of mammals, amphibians, reptiles and corals.

We need help producing the maps, inputting description and source of the images (including translations), and uploading them to Commons. You can read more on how you can help [here](#).

Highlights

If you are browsing Commons for the first time, you may want to start with **Featured pictures**, **Quality Images** or **Valued Images**. You can also see some work created by our highly skilled contributors in **Meet our photographers** and **Meet our illustrators**.

Content

By topic

Nature
Animalia • Fossils • Landscapes • Marine life •

[+] Categories
[+] Commons
[+] Copyright statuses
[+] Featured items

Qualche servizio di diffusione random

- WikiBooks (3000 libri)
- LiberLiber.it

- Jamendo
- Freesound
- Open Broadcaster Software (OBS)
- YouTube (!)

- Flickr

- Flattr

Grazie per la pazienza!

Question time!

Contatti:

Rosario Antoci (quello alto)

Valerio Bozzolan (quello basso)

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gnu@linux.it (<https://boz.reyboz.it>)

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