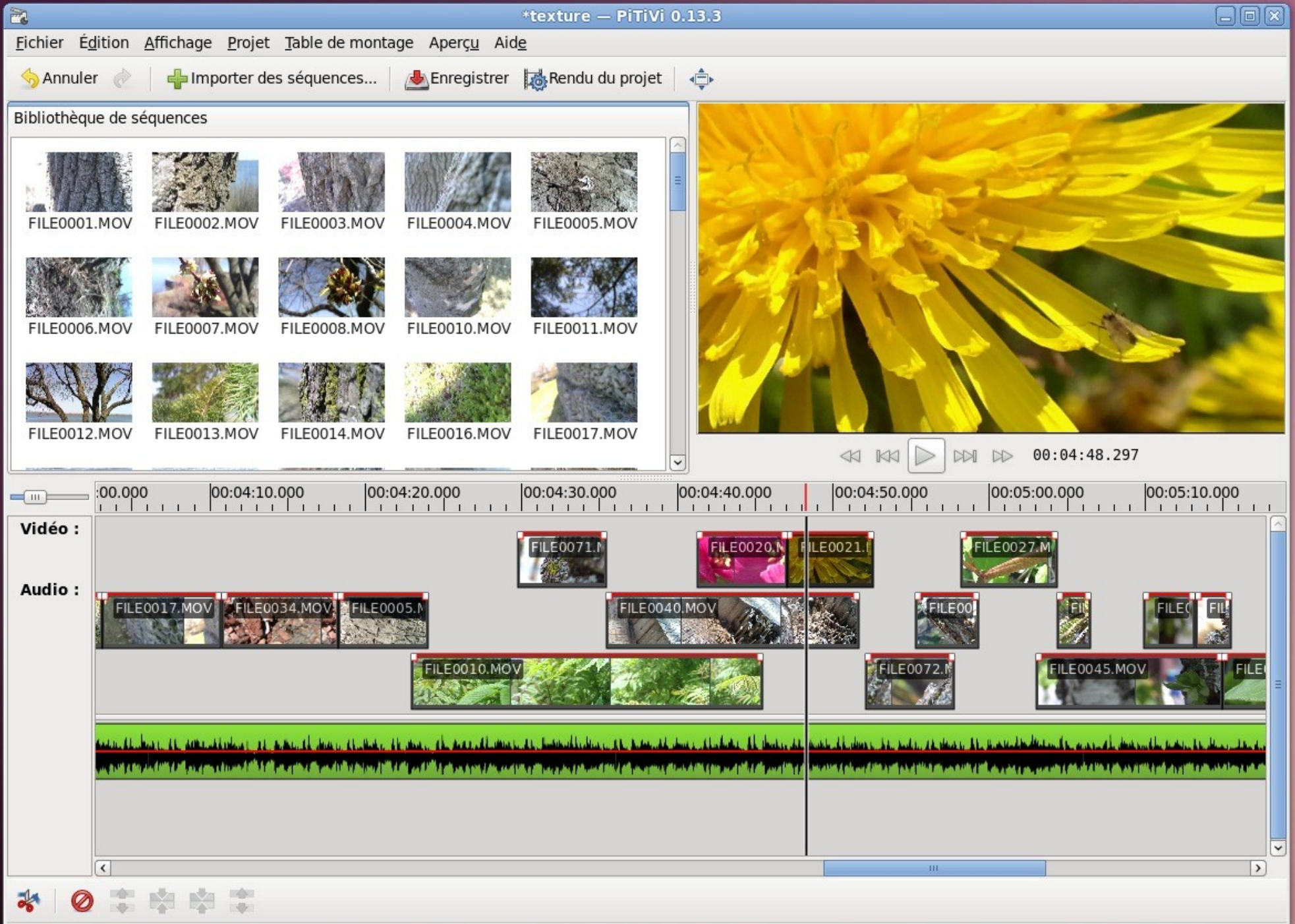


# PiTiVi



Un tour d'horizon  
Jean-François Fortin Tam






Kielolo

The background of the slide is a dark blue gradient with a black silhouette of a telescope on a hill on the left side. The sky is filled with numerous light blue stars of varying sizes. The text 'Specto' is written in a large, white, sans-serif font in the upper right quadrant, with the tagline 'Unobtrusive Notification' in a smaller, white, sans-serif font directly below it.

# Specto

Unobtrusive Notification



NANOKRON  
studios

Chasseur de bugs  
Level 19



### Basic stats

Jean-François Fortin Tam

- added 2166 comments to bugs.
- closed 106 bugs.
- reported 524 bugs.
- gathered 19 points.

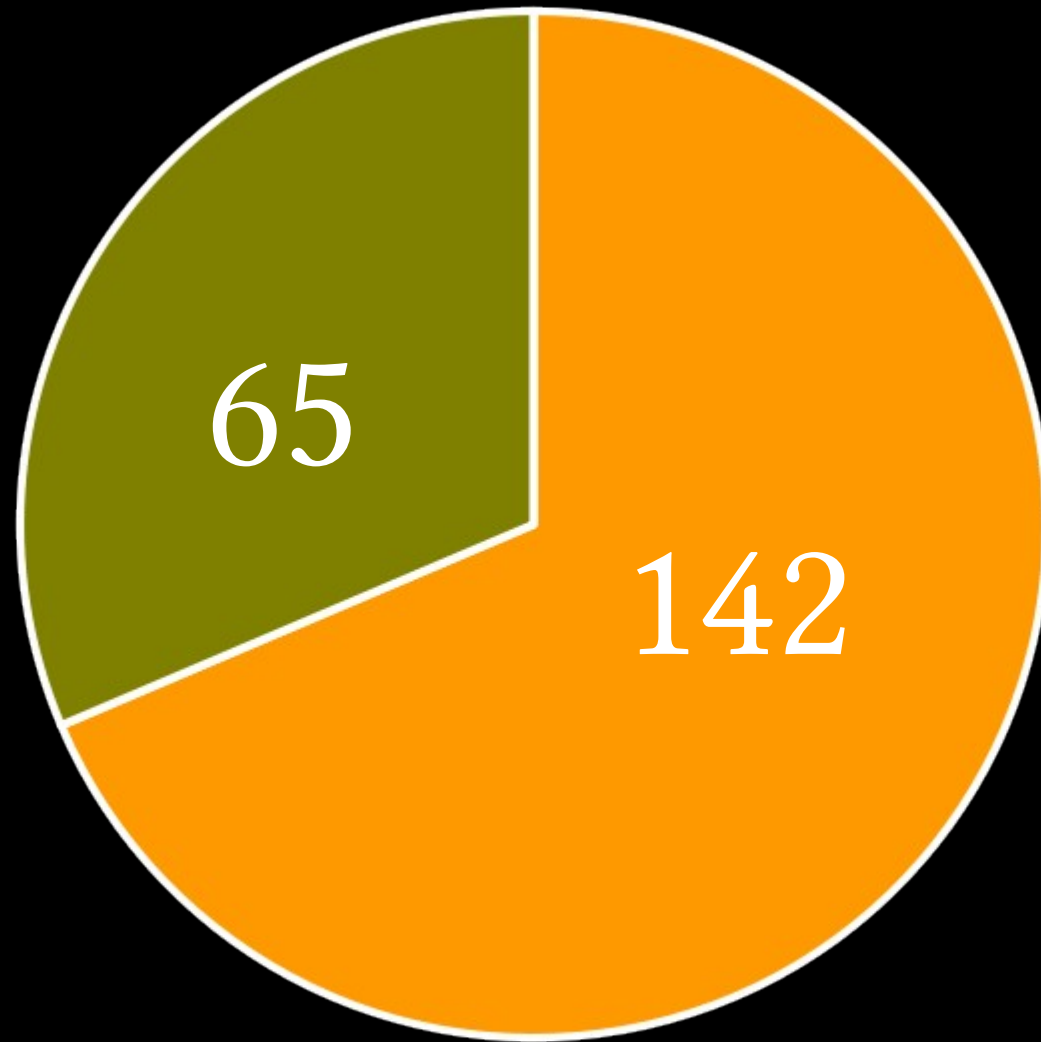
### Interested products

- [pitivi](#)

### Reports

- [All closed bugs](#)
- [All bugs cc'ed](#)
- [All bugs commented](#)

# Parts de bugs (Mars 2010)



■ bugs impliquant nekohayo  
■ autres bugs



# Pourquoi ça torche

- Python, GStreamer et GTK+
- One size fits all
- Ne disparaîtra pas du jour au lendemain
- N'a pas un design de merde
- Test « torture »

Pile de plugins

```
graph TD; A[Pile de plugins] --> B[GStreamer]; B --> C[GNonLin]; C --> D[PiTiVi];
```

GStreamer

GNonLin

PiTiVi

## Exporter les paramètres

### Sortie vidéo

720p HD - 29,97 fps

Largeur : 1280

Hauteur : 720

Cadence des images : 29,97 fps

### Sortie audio

CD

Canaux : Stéréo (2)

Taux : 44,1 KHz

Palette : 16 bit

### Exporter vers

Conteneur : Matroska muxer [matroskamux]

Codec audio : Vorbis audio encoder [vorbisenc]

Codec vidéo : Theora video encoder [theoraenc]



- Ogg muxer [oggmux]
- FFmpeg ASF format muxer [ffmux\_asf]
- FFmpeg ASF format muxer [ffmux\_asf\_stream]
- FFmpeg AVI format muxer [ffmux\_avi]
- FFmpeg Flash 9 (AVM2) format muxer [ffmux\_avm2]
- FFmpeg DV video format muxer [ffmux\_dv]
- FFmpeg FFM (FFserver live feed) format muxer [ffmux\_ffm]
- FFmpeg FLV format muxer [ffmux\_flv]
- FFmpeg GXF format muxer [ffmux\_gxf]
- FFmpeg iPod H.264 MP4 format muxer [ffmux\_ipod]
- FFmpeg Matroska file format muxer [ffmux\_matroska]
- FFmpeg MOV format muxer [ffmux\_mov]
- FFmpeg MP4 format muxer [ffmux\_mp4]
- FFmpeg MPEG-1 System format muxer [ffmux\_mpeg]
- FFmpeg MPEG-1 System format (VCD) muxer [ffmux\_vcd]
- FFmpeg MPEG-2 PS format (DVD VOB) muxer [ffmux\_dvd]
- FFmpeg MPEG-2 PS format (VOB) muxer [ffmux\_svcd]
- FFmpeg MPEG-2 PS format (VOB) muxer [ffmux\_vob]
- FFmpeg MPEG-2 transport stream format muxer [ffmux\_mpegts]
- FFmpeg Material eXchange Format muxer [ffmux\_mxf]
- FFmpeg Material eXchange Format, D-10 Mapping muxer [ffmux\_mxf\_d10]
- FFmpeg NUT format muxer [ffmux\_nut]
- FFmpeg PSP MP4 format muxer [ffmux\_esp]
- FFmpeg RealMedia format muxer [ffmux\_rm]
- FFmpeg raw id RoQ format muxer [ffmux\_RoQ]
- FFmpeg Flash format muxer [ffmux\_swf]
- FFmpeg 3GP2 format muxer [ffmux\_3g2]
- FFmpeg 3GP format muxer [ffmux\_3gp]
- QuickTime Muxer [qtmux]
- MP4 Muxer [mp4mux]
- 3GPP Muxer [gppmux]
- MXF muxer [mxfmux]
- MPEG Transport Stream Muxer [mpegtsmux]
- FLV muxer [flvmux]
- ASF muxer [asfmux]
- Matroska muxer [matroskamux]
- Avi muxer [avimux]
- Multipart muxer [multipartmux]
- MVE Multiplexer [mvemux]

## Exporter les paramètres

### Sortie vidéo

720p HD - 29,97 fps

Largeur : 1280

Hauteur : 720

Cadence des images : 29,97 fps

### Sortie audio

CD

Canaux : Stéréo (2)

Taux : 44,1 KHz


Palette : 16 bit

### Exporter vers

Conteneur : Matroska muxer [matroskamux]

Codec audio : Vorbis audio encoder [vorbisenc]

Codec vidéo : Theora video encoder [theoraenc]

 Annuler

FFmpeg ASUS V2 encoder [ffenc\_asv2]  
FFmpeg BMP image encoder [ffenc\_bmp]  
FFmpeg VC3/DNxHD encoder [ffenc\_dnxhd]  
FFmpeg DV (Digital Video) encoder [ffenc\_dvvideo]  
FFmpeg FFmpeg codec #1 encoder [ffenc\_ffv1]  
FFmpeg Huffiyuv FFmpeg variant encoder [ffenc\_ffvhuff]  
FFmpeg Flash Screen Video encoder [ffenc\_flashsv]  
FFmpeg Flash Video (FLV) encoder [ffenc\_flv]  
FFmpeg H.261 encoder [ffenc\_h261]  
FFmpeg H.263 / H.263-1996 encoder [ffenc\_h263]  
FFmpeg H.263+ / H.263-1998 / H.263 version 2 encoder [ffenc\_h263p]  
FFmpeg Huffiyuv / HuffYUV encoder [ffenc\_huffyuv]  
FFmpeg Lossless JPEG encoder [ffenc\_ljpeg]  
FFmpeg MJPEG (Motion JPEG) encoder [ffenc\_mjpeg]  
FFmpeg MPEG-1 video encoder [ffenc\_mpeg1video]  
FFmpeg MPEG-2 video encoder [ffenc\_mpeg2video]  
FFmpeg MPEG-4 part 2 encoder [ffenc\_mpeg4]  
FFmpeg MPEG-4 part 2 Microsoft variant version 1 encoder [ffenc\_msmpeg4v1]  
FFmpeg MPEG-4 part 2 Microsoft variant version 2 encoder [ffenc\_msmpeg4v2]  
FFmpeg MPEG-4 part 2 Microsoft variant version 3 encoder [ffenc\_msmpeg4]  
FFmpeg PAM (Portable AnyMap) image encoder [ffenc\_pam]  
FFmpeg PBM (Portable BitMap) image encoder [ffenc\_pbm]  
FFmpeg PGM (Portable GrayMap) image encoder [ffenc\_pgm]  
FFmpeg PGM\_YUV (Portable GrayMap\_YUV) image encoder [ffenc\_pgmyuv]  
FFmpeg PNG image encoder [ffenc\_png]  
FFmpeg PPM (Portable PixelMap) image encoder [ffenc\_ppm]  
FFmpeg QuickTime Animation (RLE) video encoder [ffenc\_qtrle]  
FFmpeg id RoQ video encoder [ffenc\_roqvideo]  
FFmpeg RealVideo 1.0 encoder [ffenc\_rv10]  
FFmpeg RealVideo 2.0 encoder [ffenc\_rv20]  
FFmpeg Snow encoder [ffenc\_snow]  
FFmpeg Sorenson Vector Quantizer 1 encoder [ffenc\_svk1]  
FFmpeg Windows Media Video 7 encoder [ffenc\_wmv1]  
FFmpeg Windows Media Video 8 encoder [ffenc\_wmv2]  
FFmpeg Zip Motion Blocks Video encoder [ffenc\_zmbv]  
Dirac Encoder [schroenc]  
YUV4MPEG video encoder [y4menc]  
PNG image encoder [pngenc]  
JPEG image encoder [jpegenc]  
Smoke video encoder [smokeenc]  
MimEnc [mimenc]  
Dirac Encoder [diracenc]  
Vidéo brut

212+ plugins

1081+ fonctionnalités

Le design

fait la différence.

Project Library

Project - Green Screen

Drag media here to create a new project



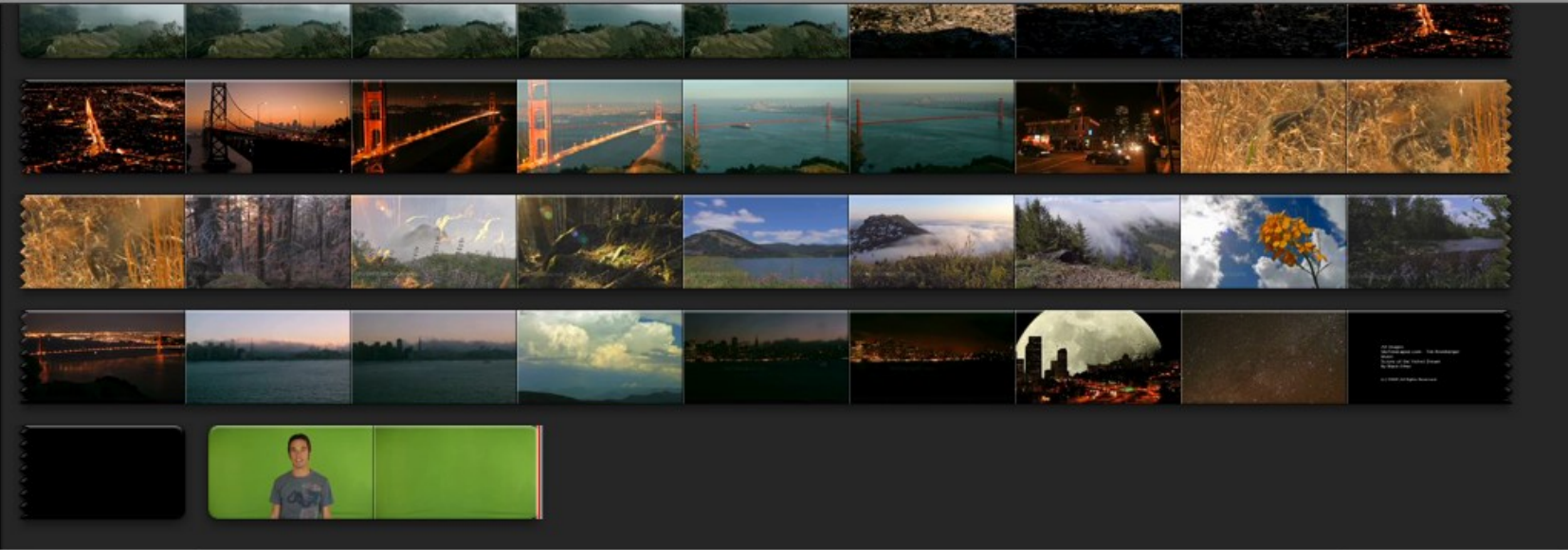
0s total

5s

Navigation and editing icons: play, stop, undo, redo, zoom, pan, star, delete, key, microphone, crop, info, volume, music, camera, text, email, globe.

Event Library

- Last Import
- iPhoto Videos
- 2009
  - Green Screen
  - Discus Feeding
  - New Event 01-01-09 1
  - New Event 01-01-09 2
  - New Event 01-01-09
  - New Event 09-01-09 - Day 2
- 2008





00:01:06:27

00:00:00:00 00:00:14:29 00:00:29:29 00:00:44:28 00:00:59:28 00:01:14:27 00:01:29:27 00:01:44:26 00:01:59:26

1

2  
Vol: 0,0 dB  
Pan: Center

3  
Level: 100.0 %

4  
Vol: 0,0 dB  
Pan: Center

Opacity is 66 %

Rate: 0,00

00:01:06:27

- Clock Wipe
- Cross Effect
- Dissolve
- Flash
- Iris
- Linear Wipe
- Page Loop
- Page Peel
- Page Roll
- Portals
- Push
- Slide
- Spiral
- Split
- Squeeze
- Swap
- Venetian Blinds
- Zoom

**Preset:**


Explorer Trimmer Media Pool **Transitions** Video FX Media Genera

Master

-Inf. -Inf.

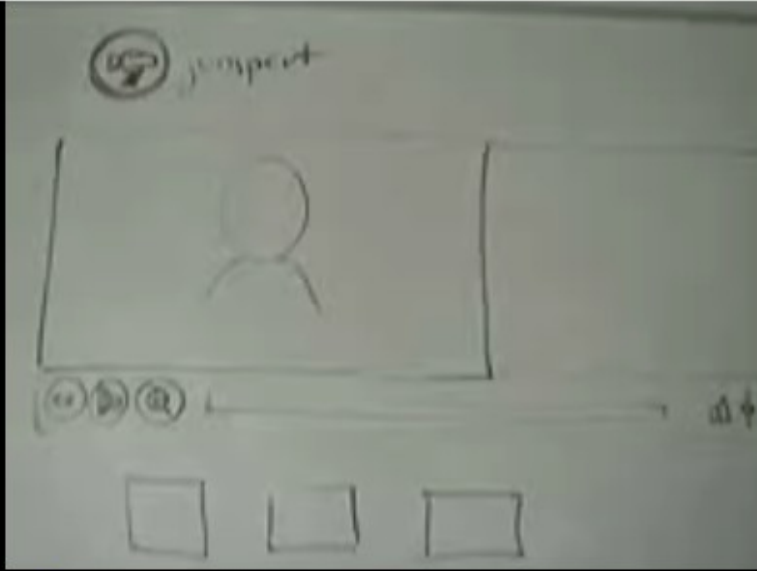
6  
12  
18  
24  
30  
36  
42  
48  
54

0,0 0,0

Preview (Auto)

Project: 720x480x32; 29,970i Frame: 2 007  
Preview: 360x240x32; 29,970p Display: 360x240x32





tutorial\_zoom (12.41 sec)

**Transition**

(None) [dropdown arrow]

**Duration**

In point

0

Out point

12.41

**Volume**

Background (Music)

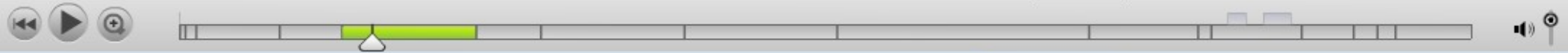


Clip Audio



tutorial\_zoom (12.41 sec)

Clip Audio Titles Effects Actions + Add



jumpcut™



MADE IN U.S.A.

McILHENNY CO.

EVERY ISLAND L.A.

**EPIC FAIL**®

BRAND

WEAK SAUCE

57 mL



- dtbmshrow14\_12801
- AnimationClip2
- AnimationClip3
- EffectsClip4
- AnimationClip5
- flame\_6
- flamekey\_7
- greeneye\_8
- starfight\_9
- fantasy\_10



Mode



00:01:00

FPS

Step

- Desktop
- Animation
- Effects
- Editing
- Paint
- Text CG

JahShaka 2.0RC1 **Jahshaka Video Player : AnimationClip**

PLAYER		ASSET	
DISK Player		RAM Player	
STATUS	Player Ready	<input type="checkbox"/> Load into RAM	FPS <input type="text"/>
STARTFRAME	00:00 01	STARTFRAME	00:00 01
ENDFRAME	00:03 09	ENDFRAME	00:03 09



**Cinelerra**  
File Edit Keyframes Audio Video Tracks Settings View Window

0:00:11.733 | 0:00:00.000 | 0:00:02.000 | 0:00:04.000 | 0:00:06.000 | 0:00:08.000 | 0:00:10.000 | 0:00:12.000 | 0:00:14.000 | 0:00:16.000 | 0:00:18.000

Video 1: t1.18.mpg #1  
Video 2: t1.04.mpg #1  
Audio 1: t1.04.mpg #1  
Audio 2: t1.04.mpg #2

0:00:18.794 | 64 | 32 | Audio Fade: -80.0 to 6.0 | 0:00:12.608 | 0:00:00.021 | 0:00:12.629 | 0:00:04.971, 0.00 | 0%

**Cinelerra: Resources**

- Audio Effects
- Video Effects
- Audio Transiti
- Video Transiti
- Labels
- Clips
- Media

Rotate  
Swap channels Unsharp  
Threshold  
Time Average  
Wave  
Whirl  
YUV  
Zoom Blur

SVG via Inkscape  
Scale  
Selective Temporal Averaging  
TimeFront  
Title  
Translate

Sharpen  
ShiftInterlace

File Edit Play Effects Tracks Selection Tools Render View Help | Mouse mode: Move | Snap mode: On

Timecode 00:00:14.31



Year W	Final.Fantasy.VII	Night of The Living Dead	Ultra
mes	1964 frames	754 frames	62
ected	1 to 1964 selected	1 to 754 selected	1 to 6
ec.	81.92 sec.	31.45 sec.	25

Single click on timeline to select a frame.

Double click on timeline to select a block.

Clips can be dragged onto the timeline.

Mouse mode is: Move

clips can be moved around.

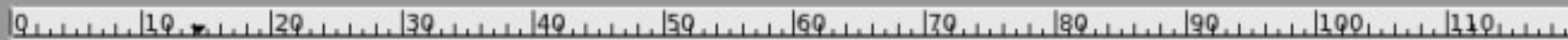
LIVES

0.000

Selection

0.000

Timeline (seconds)



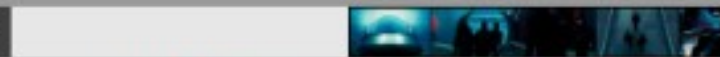
Backing audio



Video 1 (layer)



Video 2 (layer)



Video 3 (layer)



Video 4 (layer)



Inserted frames 1 to 622 from clip Ultraviolet[2006][Unrated.Edition]DVD.avi (new2) into track video 2 from time 25.4400 to 49.5826  
 Inserted frames 1 to 1964 from clip Final.Fantasy.VII-Advent.Children.DvDrip.AC3[Eng]-aXXo.avi (new2) into track Video 3 from time 6.8800 to 88.7952  
 Inserted frames 1 to 754 from clip Night of The Living Dead (1968).avi (new2) into track Video 4 from time 3.0000 to 34.4481  
 Inserted audio 0.0000 to 31.4800 from clip Night of The Living Dead (1968).avi (new2) into backing audio from time 37.8800 to 69.3600  
 Inserted audio 0.0000 to 31.4481 from clip Night of The Living Dead (1968).avi (new2) into backing audio from time 47.8400 to 79.2881

Open Movie Editor

Project Edit Tracks Format View Help

Screenshot Example Project

Screenshot Example Project

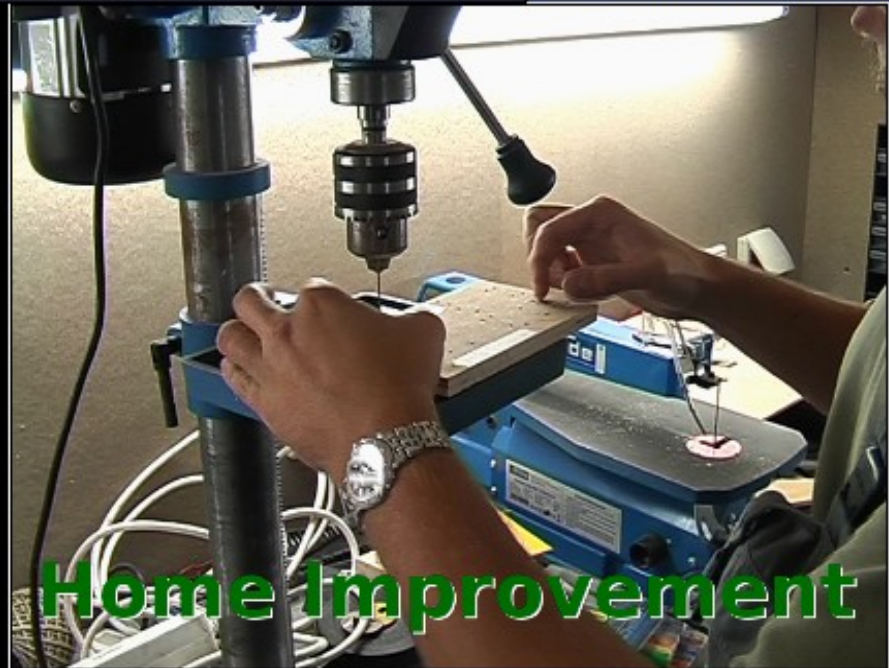
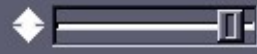
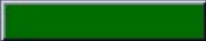
Files Media Browser Clip Inspector Filters & Effects Titles

Font Helvetica b

Home Improvement

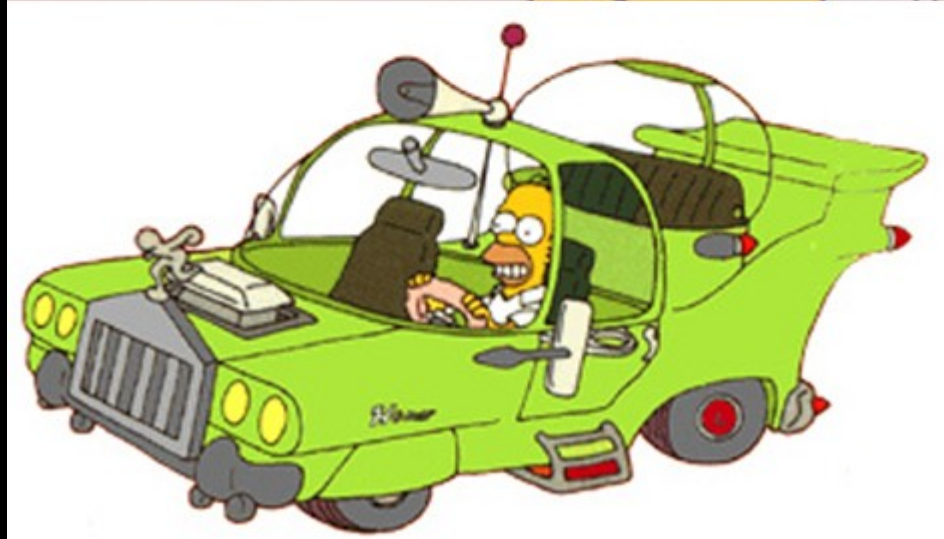
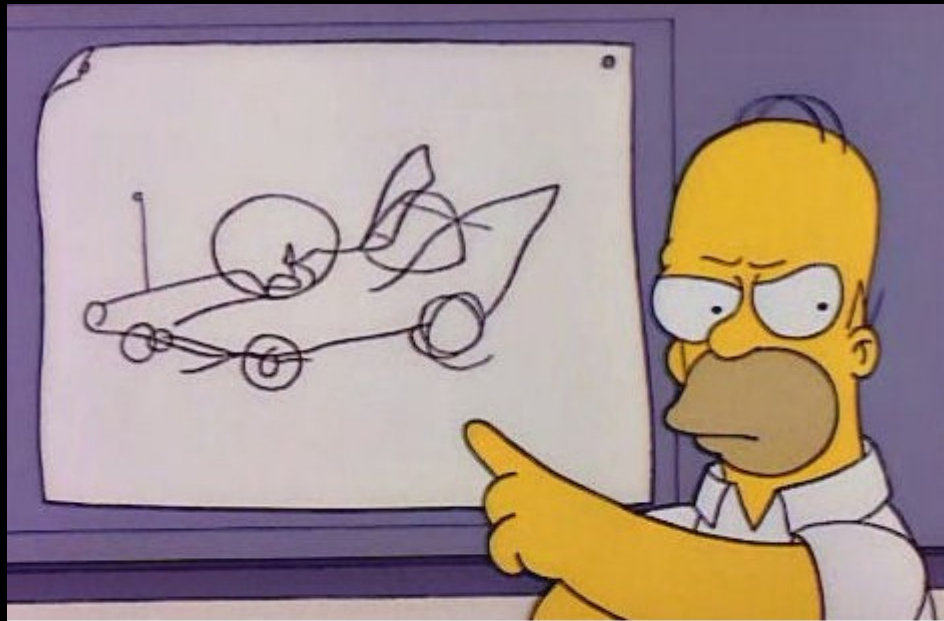
Font Size 64

Color



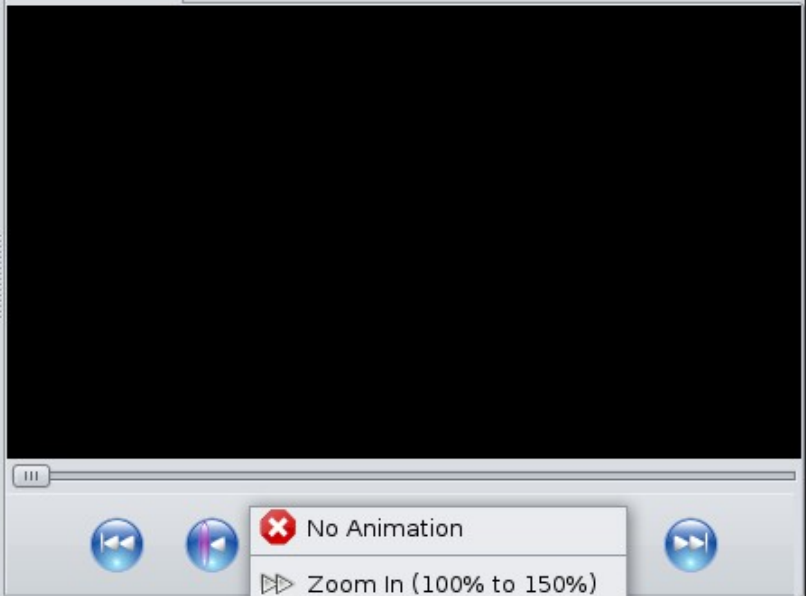
Tools 0:-18 00:00:06 00:00:31 00:00:56 00:01:21 00:01:46 00:02:11 00:02:36 00:03:01 00:

Video	
Video	
Audio	
Audio	





Thumb	File	Length	Label
	00000.MTS	00:00:14	
	00001.MTS	00:00:13	
	00003.MTS	00:00:10	
	00004.MTS	00:00:15	
	00005.MTS	00:00:05	
	00006.MTS	00:00:07	
	logo.png	00:00:30	



Timeline view showing tracks and clips:

- Track 3: openshot.png (yellow clip)
- Track 2: 00000.MTS (yellow clip), 00004.MTS (yellow clip)

Timeline scale: 00:00:00:000 to 00:00:08:000 to 00:00:16:000 to 00:00:24:000

- Duplicate
- Animate >
- Layout >
- Slice and Shuffle
- Slice and Cut
- Properties
- Remove Clip
- No Animation
- Zoom In (100% to 150%)
- Zoom In (50% to 100%)
- Zoom Out (100% to 50%)
- Zoom Out (150% to 100%)
- Center to Top
- Center to Left
- Center To Right**
- Center to Bottom
- Top to Center
- Left to Center
- Right to Center
- Bottom to Center
- Top to Bottom
- Left to Right
- Right to Left
- Bottom to Top



Images	Label	Icon	Filename	Media Type	Length	Video	Audio
	bin 1						
			05 Camera - dialogue.avi	video/audio	17s	720x576 25 fps	2 x 32000Hz 16 bit
			06 HP - slide dinosaurs.avi	video/audio	12s	720x576 25 fps	2 x 32000Hz 16 bit
			105 FUMEE SUPER.AVI	video/audio	28s	720x576 25 fps	2 x 48000Hz 16 bit
			45 VXG MARC ET BLASTE.AVI	video/audio	31s	720x576 25 fps	2 x 44100Hz 16 bit
			58 MARC ET VXG.AVI	video/audio	7s	720x576 25 fps	2 x 44100Hz 16 bit



Timeline Project

File Windows Help

Unit: Seconds Zoom: x16

Time: 0:07:00

00:00:08 00:00:16 00:00:24 00:00:32 00:00:40 00:00:48 00:00:56

Video A: [Video clip 1] [Video clip 2]

Fx A: [Effect bar]

Transition: [Transition bar]

Fx B:

Video B: [Video clip 3]

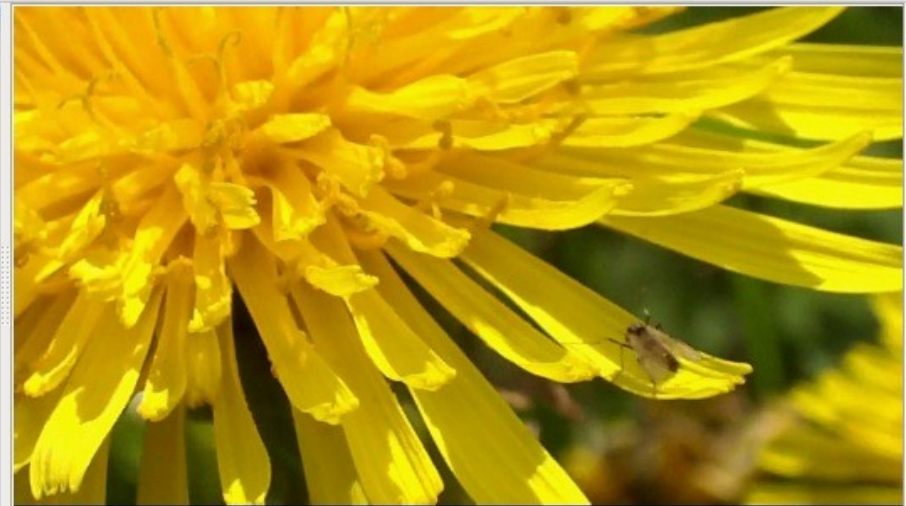
Audio A:

Audio B:

- Effects
- Transition
    - BarWipe
    - LeftToRight
    - TopToBottom
  - Video
    - BoxWipe
    - TopLeft
    - TopRight
    - BottomRight
    - BottomLeft
    - TopCenter
    - RightCenter
    - BottomCenter
    - LeftCenter
  - Audio
    - FourBoxWipe
    - CornersIn
    - CornersOut

Bibliothèque de séquences

A grid of 17 video sequence thumbnails, each with a small preview image and a label below it. The labels are: FILE0001.MOV, FILE0002.MOV, FILE0003.MOV, FILE0004.MOV, FILE0005.MOV, FILE0006.MOV, FILE0007.MOV, FILE0008.MOV, FILE0010.MOV, FILE0011.MOV, FILE0012.MOV, FILE0013.MOV, FILE0014.MOV, FILE0016.MOV, FILE0017.MOV.



A horizontal timeline ruler with time markers at 00:00.000, 00:04:10.000, 00:04:20.000, 00:04:30.000, 00:04:40.000, 00:04:50.000, 00:05:00.000, and 00:05:10.000.

The editing timeline is divided into two main sections: Video and Audio. The Video track shows several video clips placed on the timeline, including FILE0071.MOV, FILE0020.MOV, FILE0021.MOV, FILE0027.MOV, FILE0010.MOV, FILE0072.MOV, and FILE0045.MOV. The Audio track shows a green waveform representing the audio signal. The timeline is divided into two vertical sections by a vertical line.


"save as" may be redundant with "save"?



we already have this?

should be centered vertically (yalign=0.5)

Sources

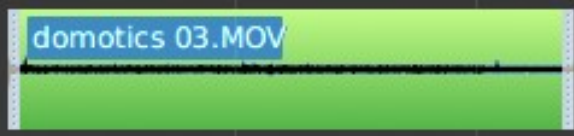
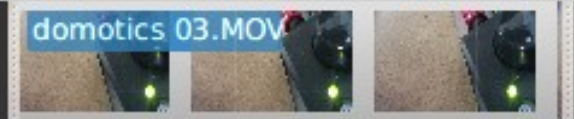
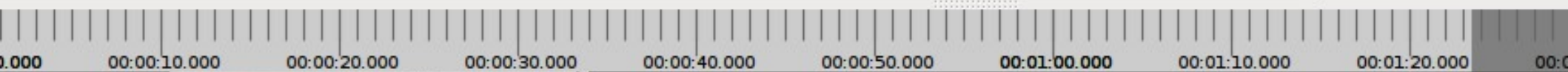
	<b>fRO 01.ogg</b> Vidéo: 640 x 480 pi... Audio: 1 canaux à 7...	01m02s
	<b>fRO 02.ogg</b> Vidéo: 640 x 480 pi...	00m00s
	<b>fRO 03.ogg</b> Vidéo: 640 x 480 pi... Audio: 1 canaux à 7...	00m19s
	<b>fRO 04.ogg</b> Vidéo: 640 x 480 pi... Audio: 1 canaux à 7...	01m05s
	<b>fRO 05.ogg</b> Vidéo: 640 x 480 pi... Audio: 1 canaux à 7...	01m15s
	<b>fRO 06.ogg</b> Vidéo: 640 x 480 pi... Audio: 1 canaux à 7...	00m36s



the buttons are going out of the notebook bounds?

should be a folder icon?

Commencez à travailler sur votre projet, en glissant un clip ici





## Render project

Fichier de sortie :

Choisissez un fichier

### Paramètres

**Video:** 720 x 576 pixels at 25.00 fps (theoraenc)

**Audio:** 2 channels at 44100 Hz (16 bits) (vorbisenc)

## Properties for x264enc

### x264enc

**Description :**

H264 Encoder

**Auteur :**

Josef Zlomek <josef.zlomek@itonis.tv>

### Propriétés

Bitrate	2048
VBV buffer capacity	600
Motion Estimation	hexagonal search, radius 2
Subpixel Motion Estimation	1
Analyse	GFlags
DCT8x8	<input type="checkbox"/>
Reference Frames	1
B-Frames	0
B-Pyramid	<input type="checkbox"/>
Weighted B-Frames	<input type="checkbox"/>
SPS ID	0
Trellis quantization	<input checked="" type="checkbox"/>
Key-frame maximal interval	0
Use CABAC	<input checked="" type="checkbox"/>

Annuler

Valider

## Properties for Speex audio encoder

### Speex audio encoder

**Description :**

Encodes audio in Speex format

**Auteur :**

Wim Taymans <wim@fluendo.com>

### Propriétés

Quality	8,00000
Encoding Bit-rate	0
Mode	Ultra Wide Band
VBR	<input type="checkbox"/>
ABR	0
VAD	<input type="checkbox"/>
DTX	<input type="checkbox"/>
Complexity	3
NFrames	1
last-message	None

# GEEK

Sceau d'approbation

General Video Audio

Output file:

(Aucun)



Container format:

MP4



- Render only the selected clips
- Draft (no special effects, single pass)
- Render bypassed clips

General Video Audio

Resolution:

1280



x 720 pixels

Edit Project Settings...

Frame rate:

29.97 fps



Codec:

H.264



Edit Advanced Settings...

Encoding method:

2 pass



Average bitrate



Average bitrate (kb/s):

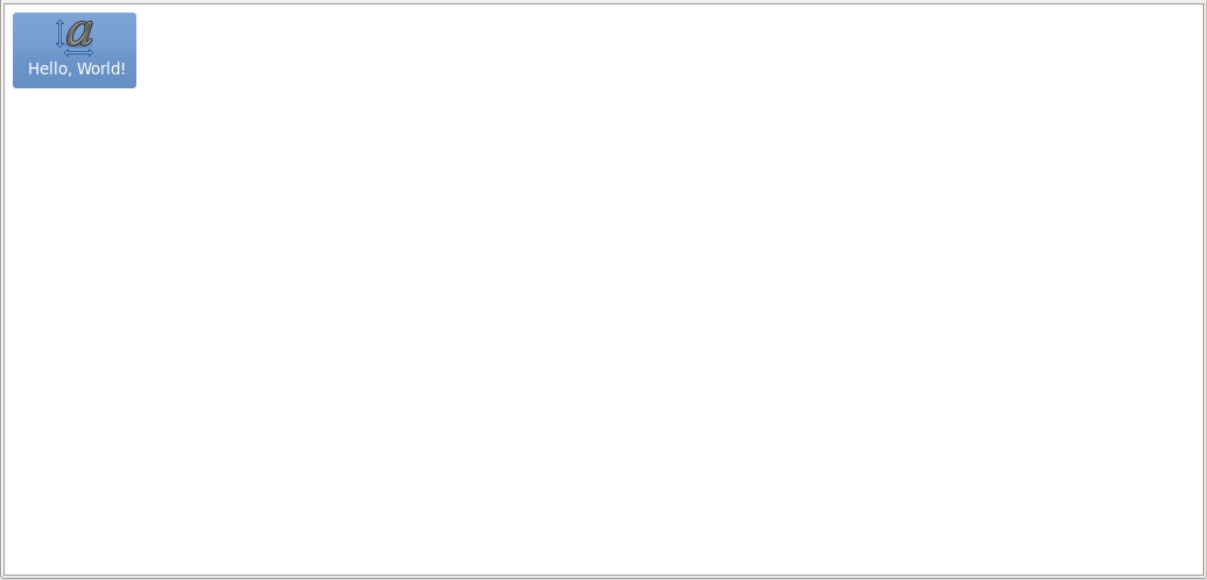
1500



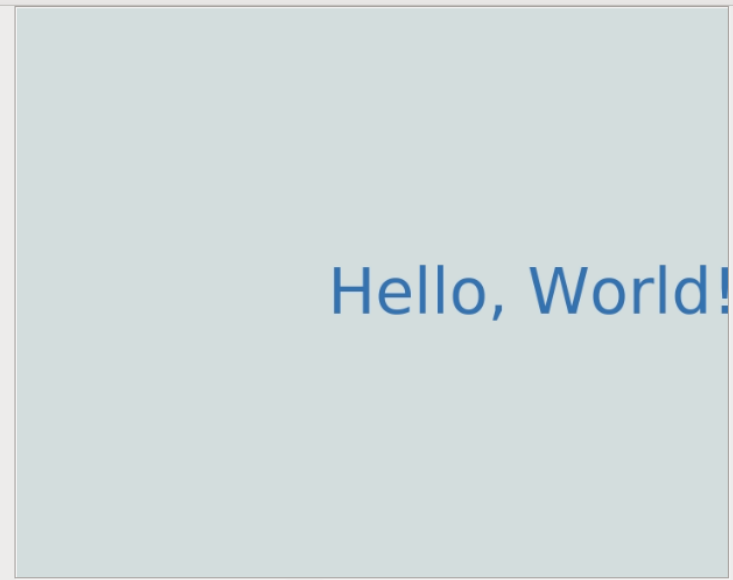
X Fermer

Render

Bibliothèque de séquences



Library of sequences containing one item: "Hello, World!"



00:00:00.670


00:00:00.000 00:00:00.400 00:00:00.800 00:00:01.200 00:00:01.600 00:00:02.000 00:00:02.400 00:00:02.800 00:00:03.200 00:00:03.600 00:00:04.000 00:00:04.400

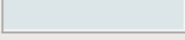
<b>Vidéo :</b>	Hello, World!
<b>Audio :</b>	



Hello, World!

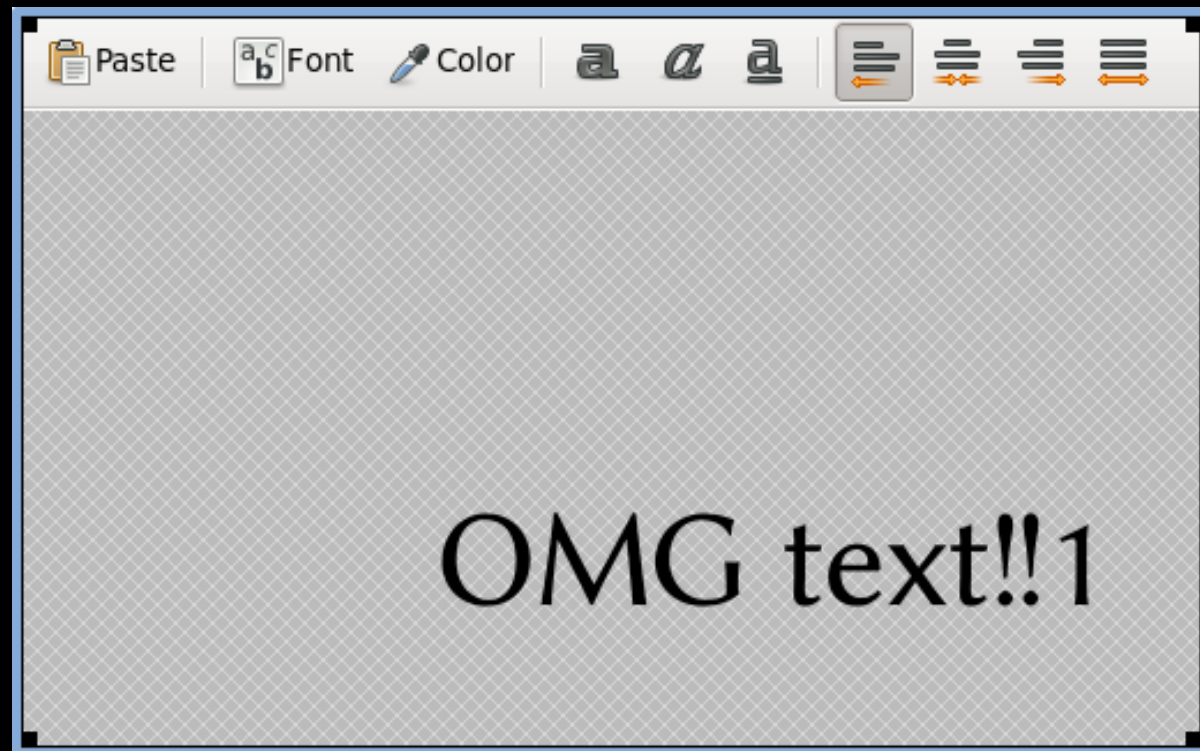
**Text font:** Sans 64

**Text color:** 

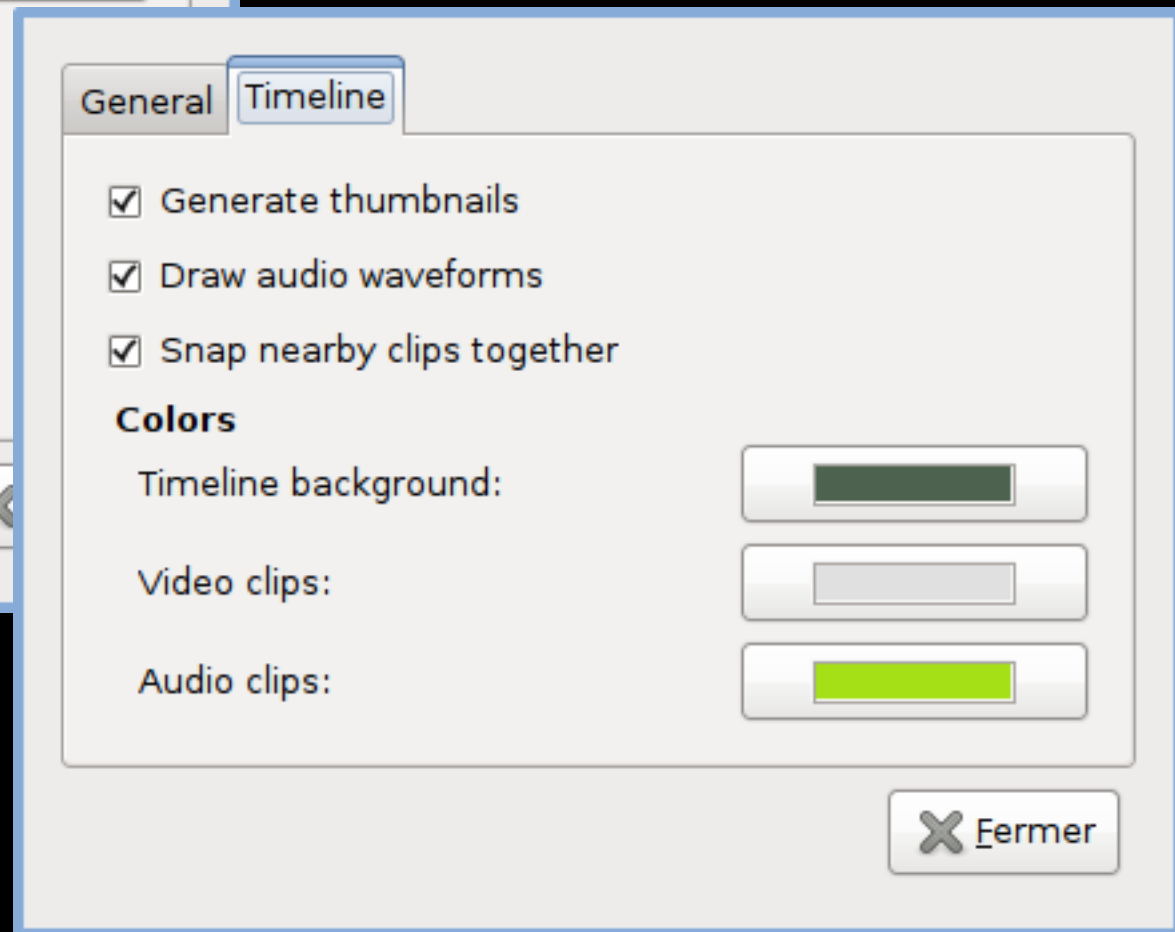
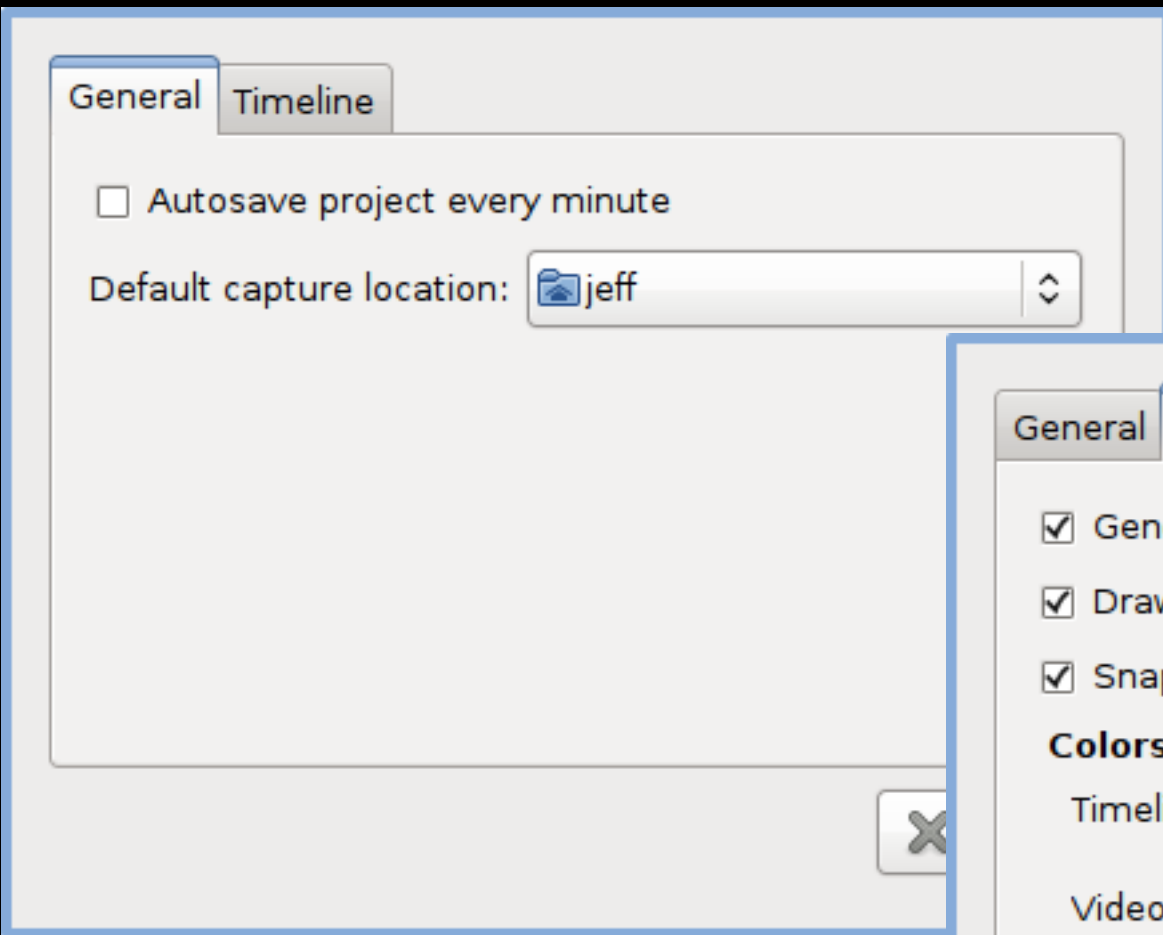
**Background color:** 

**Position**

<input type="radio"/> top left	<input type="radio"/> top center	<input type="radio"/> top right
<input type="radio"/> center left	<input type="radio"/> center	<input checked="" type="radio"/> center right
<input type="radio"/> bottom left	<input type="radio"/> bottom center	<input type="radio"/> bottom right



# Simplicité



## Préférences

Apparence

Comportement

Afficher les formes d'onde (audio):

Réinitialiser

Afficher les vignettes (vidéo):

Réinitialiser

Arrière-plan de séquence (audio):



Réinitialiser

Arrière-plan de séquence (vidéo):



Réinitialiser

Couleur de la sélection:



Réinitialiser

Espace entre vignettes (pixels): 2



Réinitialiser

Police de séquence:

Sans

9

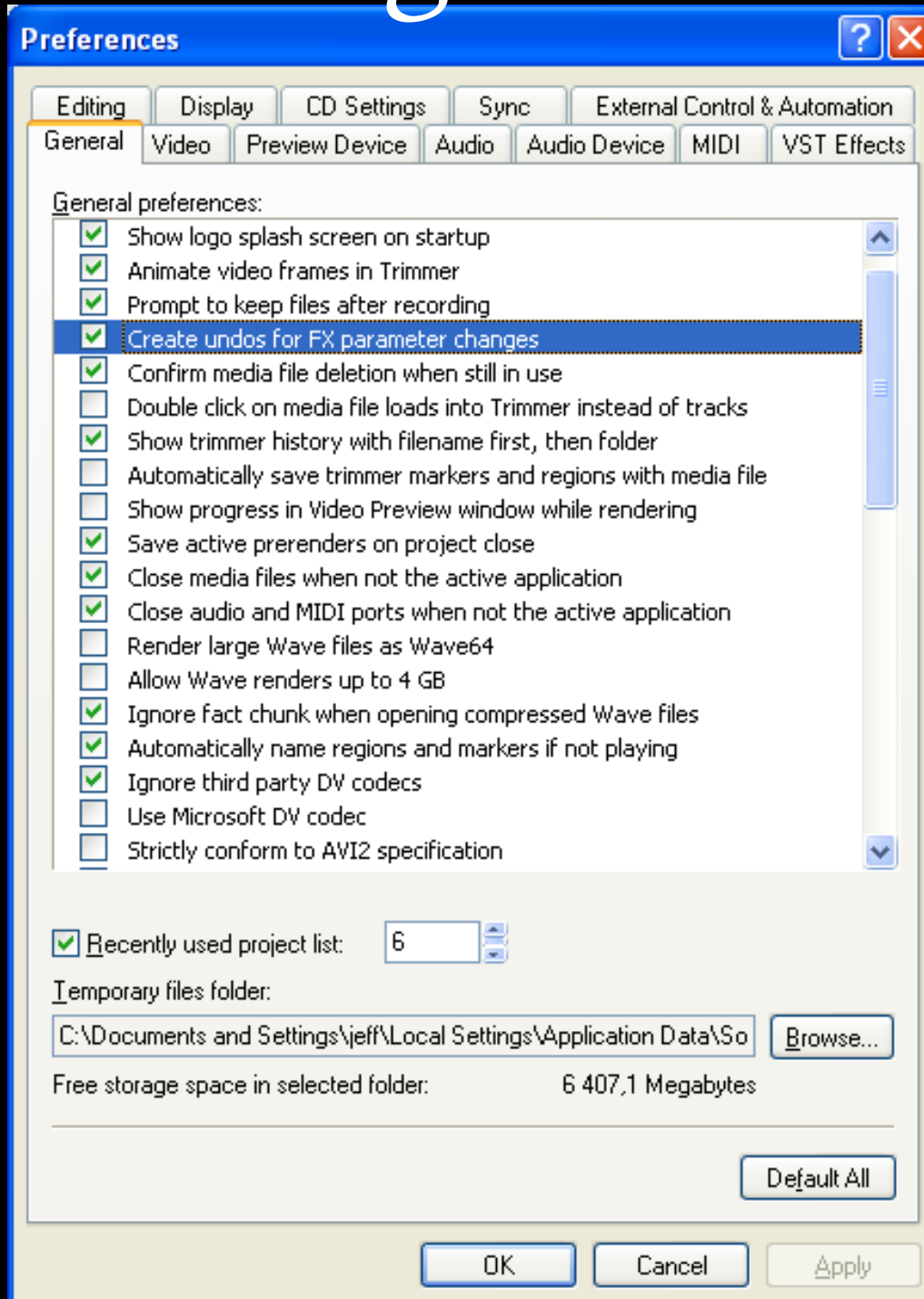
Réinitialiser

Revenir aux réglages d'origine

Annuler

 Fermer

# Vegas: 12 onglets de bordel.



# Pourquoi l'excès d'options

- « **Plus y'en a, mieux c'est... *je crois?*** »
- « **Wow, y'a tellement d'options, ça doit vraiment valoir les 549.95 piasses! Ça doit être *vraiment* professionnel !** »
- Les utilisateurs l'ont demandé (problème de la voiture *Homer*)
- Problèmes « réglés » de la mauvaise façon
- **Une fonctionnalité controversée qui méritait réellement une option !**



Photo CC by SA: Abnel Gonzalez <http://www.flickr.com/photos/abnelgonzalez/2058764760/>

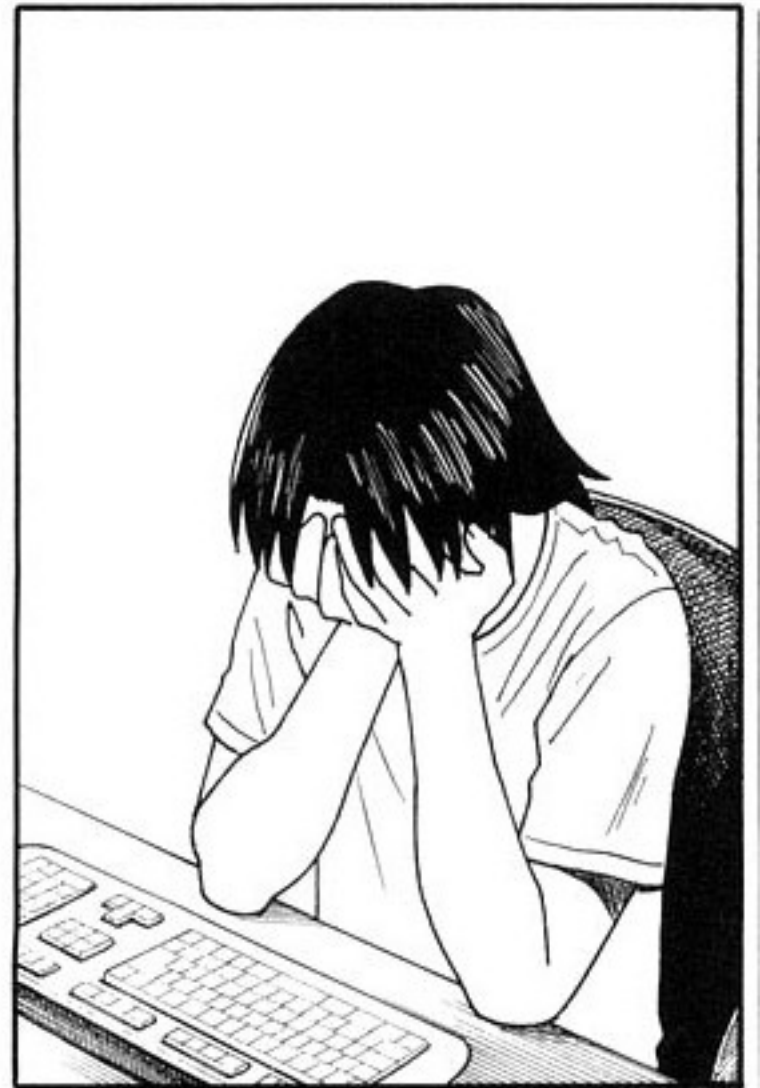
**{ EPITECH. }**  
L'EXPERTISE INFORMATIQUE





Photo CC by SA NC: Carib <http://www.flickr.com/photos/caribb/642772104/>





I'D HIT IT



WITH A  
CROWBAR

**I'D HIT IT**



**WITH TWO  
CROWBARS**

**I'D HIT IT**

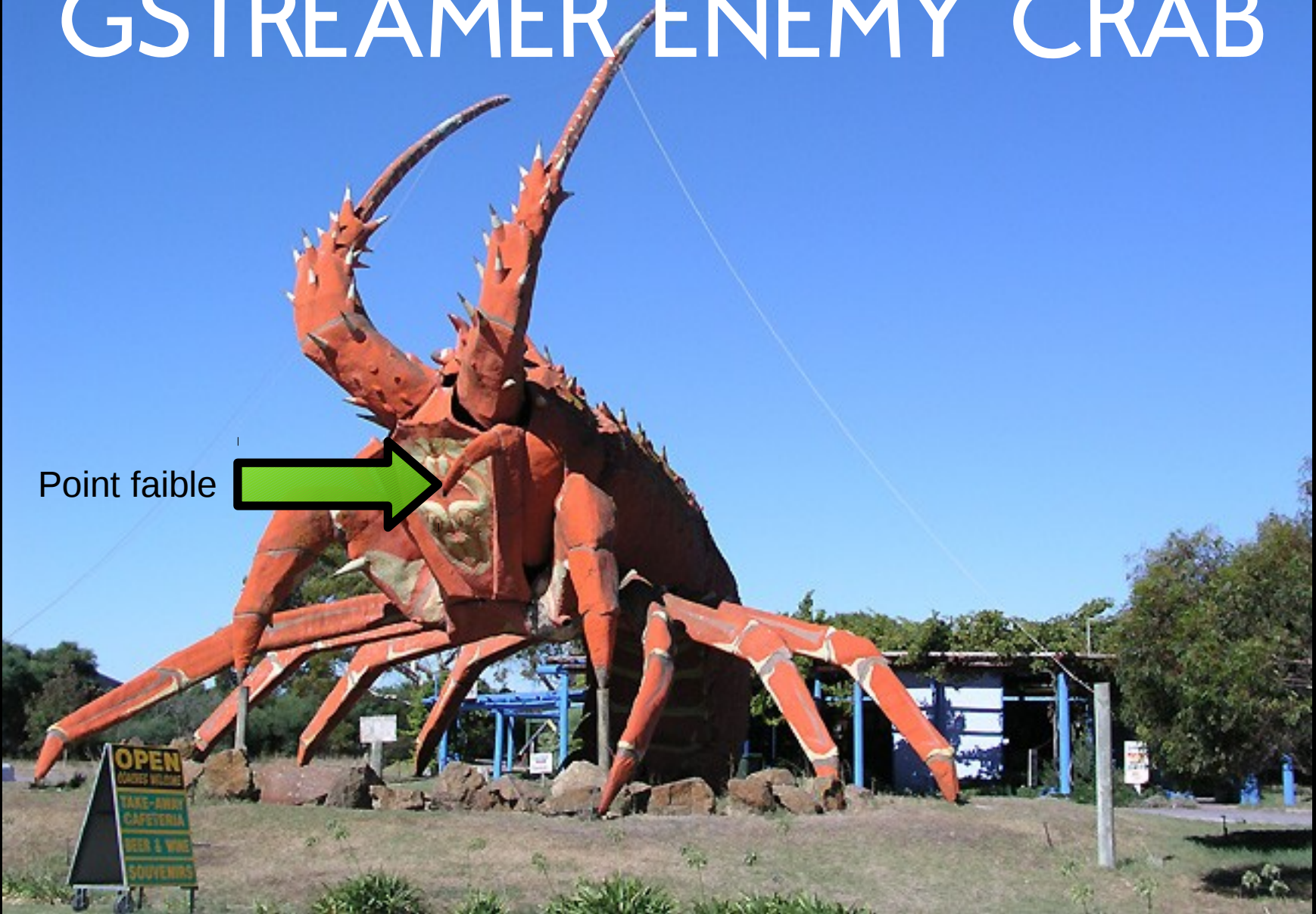


**WITH THREE  
CROWBARS**



# GSTREAMER ENEMY CRAB

Point faible



# MASSIVE DAMAGE

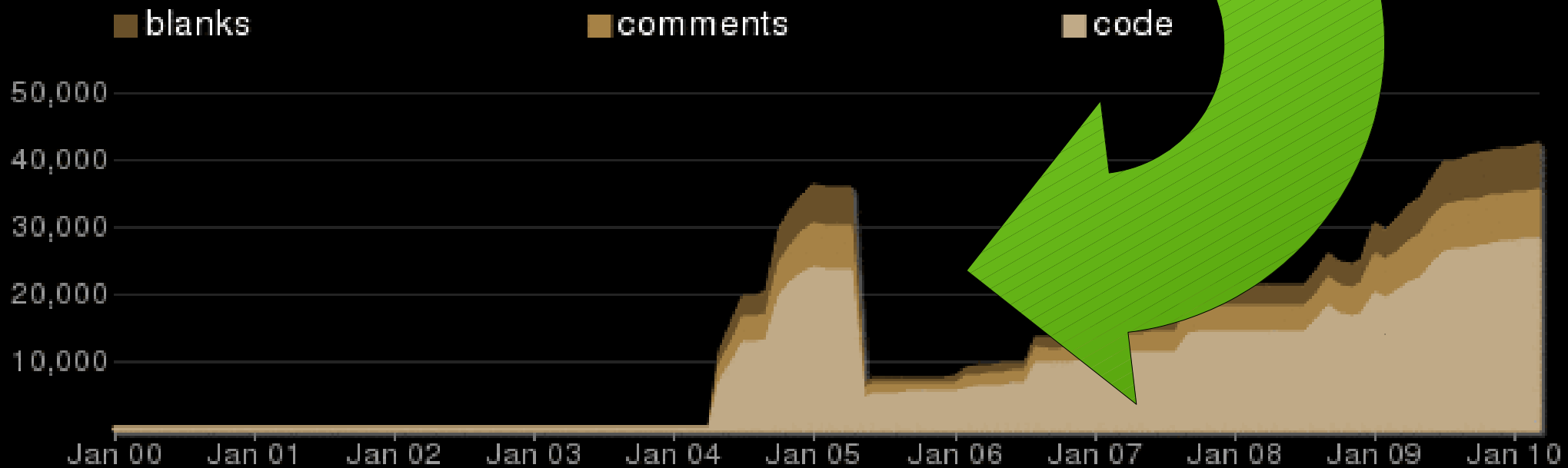
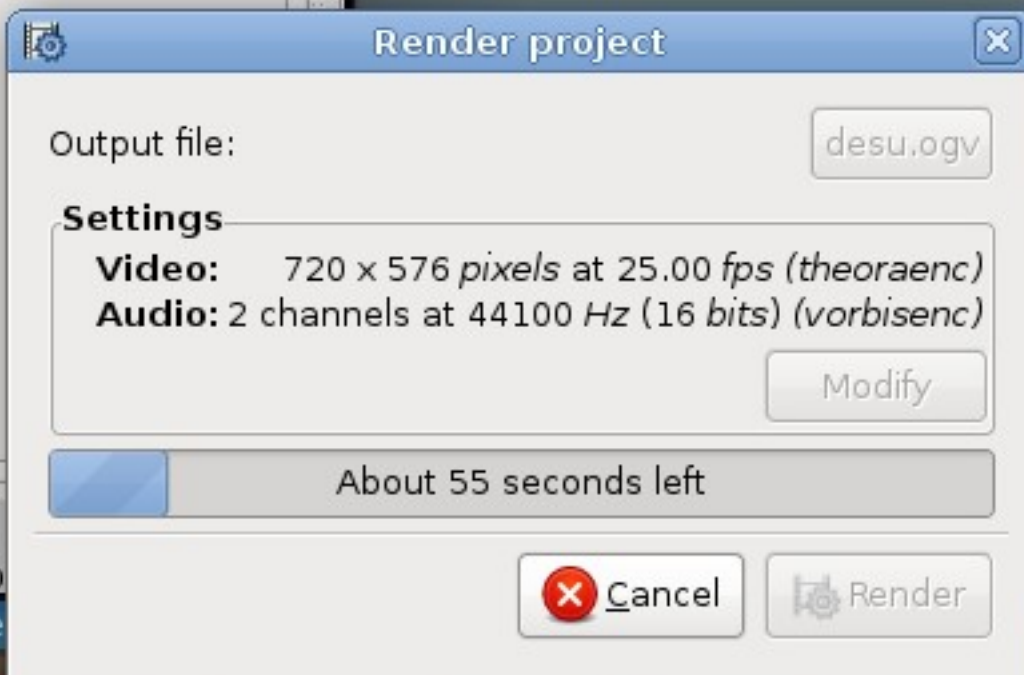








Photo CC by SA NC: Brian Scott <http://www.flickr.com/photos/brianscott/127156608/>



# Reality Check

"This is not a one-man job, neither a buddy-created application. It requires at least 10 engineers who know what the hell they are doing, and they are sitting next to each other. Which is why this can only be delivered in any user-friendly fashion by Red Hat/Novell/Ubuntu (or Google, if they want to be more helpful to Linux users).

It will take 2 years to get there,  $\$100,000 \times 10 \times 2 = 2$  million USD. That's the *minimum* you need to develop such an app [...]"

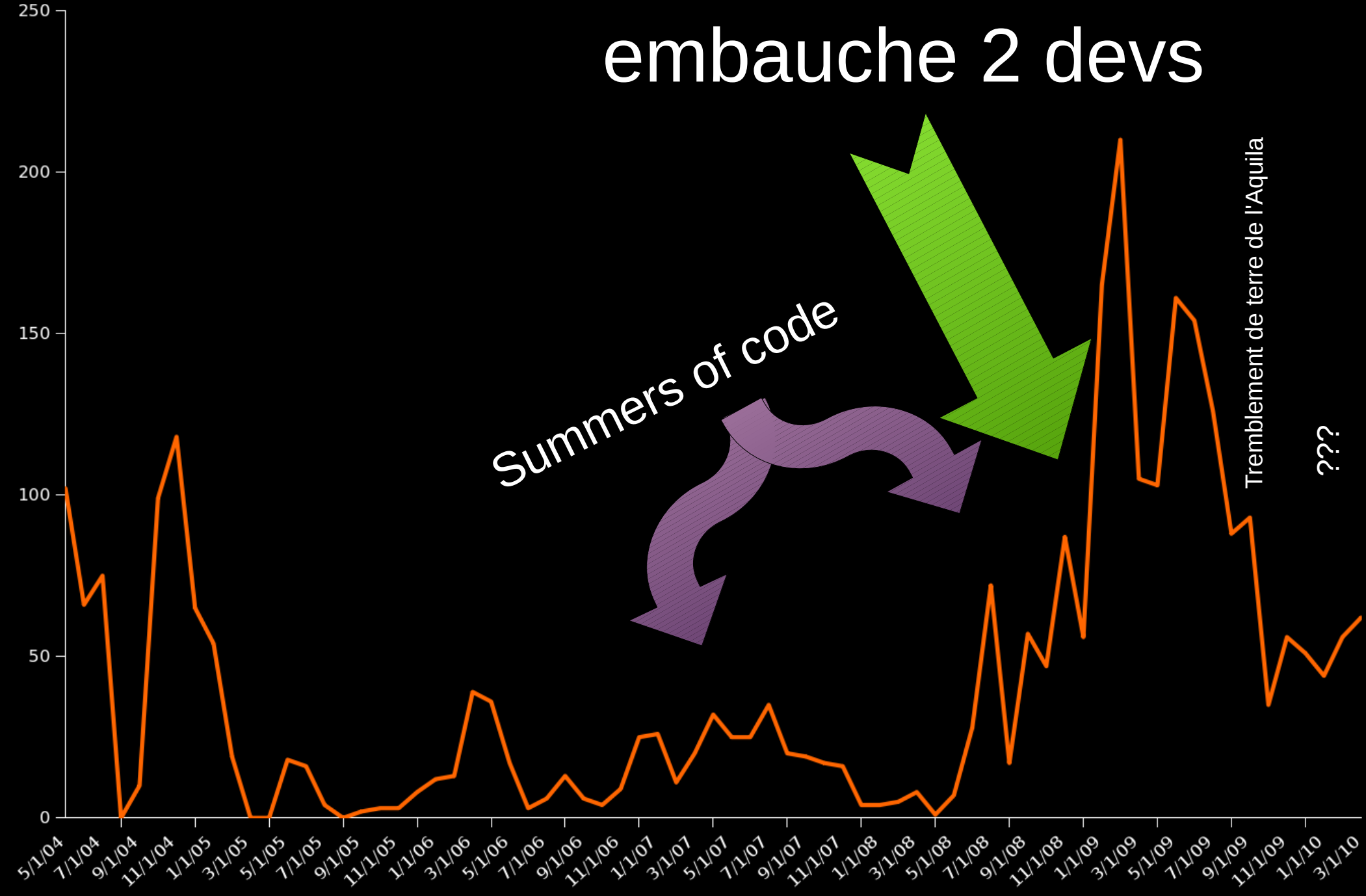
– Eugenia Loli Queru, 2008 [\[source\]](#)



# Financement

- Fluendo (jusqu'en 2007)
- Google Summer of Code (2007, 2008)
- Collabora (depuis décembre 2008)
- Google Summer of Code 2010?

# Collabora multimedia embauche 2 devs






# PiTiVi

The Video Editor

- Home
- Screenshots & showcase
- Downloads
- Documentation
- Contributing
- Bug reporting
- Wiki
- Contact

PiTiVi  is a free, intuitive and featureful movie editor for the Linux desktop.

## Anything in, anything out.

As long as it is supported by the [GStreamer Multimedia Framework](#), PiTiVi will handle any format you throw at it.

## Easy to learn: usability counts.

There is no eternal newbie. PiTiVi's user interface is carefully designed to suit both the newcomer *and* the professional, to be efficient *and* intuitive.

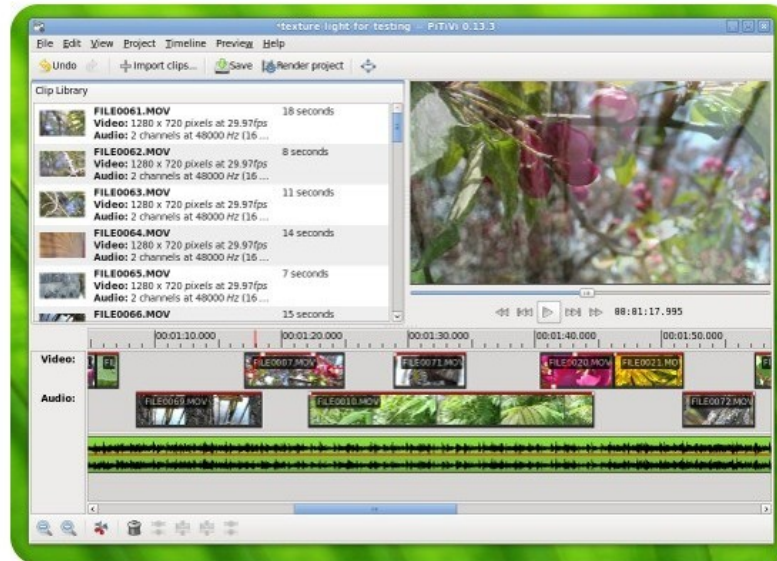
We have some highly trained designer monkeys that work towards that goal, and can even recite the [GNOME Human Interface Guidelines](#) in their sleep, backwards, all for you.

## Free and Open Source.

PiTiVi will not ask you for licensing fees or lock you out of your data with [DRM](#), and will keep improving with each new release. PiTiVi is distributed under the [LGPL](#).

Want more? See the [full list of features...](#) or some of the [praises/positive comments](#) we have received so far.

If you are a happy PiTiVi filmmaker, you can hit this button to raise the counter:



## Development news

- ['Jeff Fortin Tam \(nekoayo\) : Icon view in the Source List](#) (February 08, 2010)
- ['Jeff Fortin Tam \(nekoayo\) : More bug triaging](#) (February 05, 2010)
- ['Jeff Fortin Tam \(nekoayo\) : Single channel waveforms](#) (January 25, 2010)
- ['Jeff Fortin Tam \(nekoayo\) : 300](#) (January 01, 2010)
- ['Jeff Fortin Tam \(nekoayo\) : The new PiTiVi website is up](#) (December 11, 2009)
- ['Jeff Fortin Tam \(nekoayo\) : Move playhead on click, modeless splitting, full-height playhead](#) (November 30, 2009)
- [Edward Hervey \(bilboed\) : The result of the past few months of hacking](#) (November 30, 2009)
- [Edward Hervey \(bilboed\) : Answering questions...](#) (November 20, 2009)
- ['Jeff Fortin Tam \(nekoayo\) : GStreamer tutorials for PiTiVi contributors](#) (November 17, 2009)
- ['Jeff Fortin Tam \(nekoayo\) : PiTiVi on Windows](#) (November 15, 2009)

See the [PiTiVi planet](#) for archives.



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# PiTiVi

## Quick Start Manual

Version 0.13.2

By Jean-François Fortin Tam – last revised September 7, 2009

ubuntu<sup>®</sup>










# pitivi crashed with ValueError in computeZoomLevel()

Ubuntu » "pitivi" package » Bugs » **Bug #445716**

This bug affects 9 people, but not you 

Affects	Status	Importance	Assigned to	Milestone
 pitivi (Ubuntu)	Invalid 	Medium 	Unassigned 	 Target to milestone

 Also affects project  Also affects distribution  Nominate for release

## Bug Description

Binary package hint: pitivi

Opened a project in Pitivi, got this error. Pitivi continued to work though.

ProblemType: Crash

Architecture: amd64

Date: Wed Oct 7 22:53:43 2009

DistroRelease: Ubuntu 9.10

ExecutablePath: /usr/bin/pitivi

InterpreterPath: /usr/bin/python2.6

NonfreeKernelModules: nvidia

Package: pitivi 0.13.3-2

PackageArchitecture: all

ProcCmdline: python /usr/bin/pitivi

ProcEnviron:

PATH=(custom, user)

LANG=ru\_RU.UTF-8

SHELL=/bin/bash

ProcVersionSignature: Ubuntu 2.6.31-12.39-generic

PythonArgs: ['/usr/bin/pitivi']


SourcePackage: pitivi

Title: pitivi crashed with ValueError in computeZoomLevel()






Uname: Linux 2.6.31-12-generic x86\_64

UserGroups: adm admin audio cdrom dialout dip fax floppy fuse lpadm netdev plugdev sambashare tape video

Tags: [amd64](#) [apport-crash](#) 

 [Alexey Kotlyarov](#) wrote on 2009-10-07:

#1

-  [Dependencies.txt](#) (5.1 KiB, text/plain; charset="utf-8")
-  [ProcMaps.txt](#) (85.0 KiB, text/plain; charset="utf-8")
-  [ProcStatus.txt](#) (795 bytes, text/plain; charset="utf-8")
-  [Traceback.txt](#) (2.0 KiB, text/plain; charset="utf-8")
-  [XsessionErrors.txt](#) (110.3 KiB, text/plain; charset="utf-8")

 [Apport retracing service](#) on 2009-10-07

tags:removed: need-duplicate-check

 [Pedro Villavicencio](#) on 2010-02-09

visibility:private → public

Browse:  Show product

*PiTiVi is a non-linear graphical audio/video editor for GStreamer. It's main goals are to provide a user-friendly interface for the non-linear editing of several different types of media using all the various elements made available through GStreamer*

Search for bugs in pitivi:

Show [\[Help\]](#)

Components		Versions	
code-review	<a href="#">1</a>	0.13.1	<a href="#">3</a>
effects	<a href="#">10</a>	0.13.2	<a href="#">1</a>
general	<a href="#">42</a>	0.13.3	<a href="#">10</a>
playback	<a href="#">5</a>	0.13.4	<a href="#">6</a>
plugins	<a href="#">4</a>	0.13.x	<a href="#">17</a>
rendering	<a href="#">20</a>	Git	<a href="#">155</a>
source list	<a href="#">16</a>		
timeline	<a href="#">43</a>		
transitions	<a href="#">3</a>		
user-interface	<a href="#">47</a>		
website	<a href="#">1</a>		

**Milestones** **NEEDINFO by last changed**

0.13.5	<a href="#">15</a>	>= 1 year
Git	<a href="#">177</a>	6 months - 1 year
		3 months - 6 months <a href="#">4</a>
		4 weeks - 3 months <a href="#">13</a>
		2 weeks - 4 weeks <a href="#">1</a>
		< 2 weeks ago <a href="#">6</a>

Find all bugs marked as fixed since  (YYYY-MM-DD) Show

**Developers**

- [Alessandro Decina](#)
- [Brandon Lewis](#)
- [Edward Hervey](#)

**Project Summary**

Total Bugs	<a href="#">192</a>
New Bugs	<a href="#">0</a>
New Patches	<a href="#">1</a>
GNOME-love bugs	<a href="#">1</a>
Bugs without a response	<a href="#">36</a>
Critical warning bugs	<a href="#">0</a>

**Patch Status**

none (unreviewed) [25](#)

**Priority**

High [5](#)  
Normal [187](#)

**Severity**

blocker [3](#)  
critical [5](#)  
major [8](#)  
normal [72](#)  
minor [12](#)  
trivial [7](#)  
enhancement [85](#)

**Useful links**

- [Development schedule](#)
- [Maintainers corner](#)
- Bugzilla
  - [File a bug](#)
  - Show [component descriptions](#)
  - [Triaging guidelines](#)
  - [Contacting bugmasters](#)
- Product Info
  - [GNOME Git](#)
  - [pitivi homepage](#)

	Summary	Importance	Status	Heat
 546242	pitivi uses a lot of CPU when FLV video is played in thumbnail	Undecided	New	
 546935	pitivi crashed with LinkError in getTeeForFactoryStream()	 Undecided	New	
 549384	pitivi crashed with ValueError in computeZoomLevel()	 Undecided	New	
 410094	pitivi crashed with signal 5 in _XError()	Medium	Incomplete	
 429941	pitivi crashed with AssertionError in __init__()	Undecided	Incomplete	
 433716	pitivi crashed with DBusException in call_blocking()	Medium	Incomplete	
 512092	pitivi crashed with SIGSEGV	Medium	Incomplete	
 523711	pitivi crashed with Exception in disconnect_by_function()	Medium	Incomplete	
 529335	pitivi crashed with ValueError in linkSelection()	Medium	Incomplete	
 531765	pitivi crashed with SourceListError in addUri()	Medium	Incomplete	
 533062	pitivi crashed with KeyError in _saveFactoryRef()	Undecided	Incomplete	
 533812	pitivi crashed with PipelineError in releaseQueueForFactoryStream()	Undecided	Incomplete	
 534102	pitivi crashed with TimelineError in split()	Medium	Incomplete	
 536976	pitivi crashed with SIGSEGV in PyObject_Call()	Undecided	Incomplete	
 537619	pitivi crashed with TypeError in do_simple_paint()	Undecided	Confirmed	
 305731	pitivi should be able to ignore unknown streams	Wishlist	Triaged	
 314885	Don't show version number in titlebar	 Low	Triaged	
 445726	Should add an extension to rendered file names or guess format from entered extension	Low	Triaged	
 504683	project settings window don't fit small screens	Low	Triaged	
 504694	preference window is squeezed	Low	Triaged	
 505509	Codec autodetection does not always work	Low	Triaged	
 508464	GStreamer problem playing video	Low	Triaged	
 509092	Pitivi still needs hal	High	Triaged	
 541613	xptv pitivi project files mimetype should be associated with pitivi	Low	Triaged	

# pitivi crashed with AttributeError in update\_priority()



Ubuntu » "pitivi" package » Bugs » **Bug #550181**

This bug report will be marked for expiration in 59 days if no further activity occurs. ([find out why](#))

This bug affects 1 person. Does this bug affect you?

Affects	Status	Importance	Assigned to	Milestone
pitivi (Ubuntu)	Incomplete	Undecided	Unassigned	Target to milestone

Also affects project Also affects distribution Nominate for release

## Bug Description



Binary package hint: pitivi  
 During video editing, I got this crash.

ProblemType: Crash  
DistroRelease: Ubuntu 10.04  
Package: pitivi 0.13.4-0ubuntu1  
ProcVersionSignature: Ubuntu 2.6.32-17.26-generic 2.6.32.10+drm33.1  
Uname: Linux 2.6.32-17-generic i686  
Architecture: i386  
CheckboxSubmitter: cadfd2912  
CheckboxSystem: fecf77e  
Date: Sun Mar 28 10:10  
EcryptfsInUse: Yes  
ExecutablePath: /usr/bin/pitivi  
InterpreterPath: /usr/bin/python  
PackageArchitecture: i386  
ProcCmdline: python /usr/bin/pitivi  
ProcEnviron: LANGUANGE=fr\_FR.UTF8:en  
LANG=fr\_FR.UTF8  
SHELL=/bin/bash  
PythonArgs: [/usr/bin/pitivi  
SourcePackage: pitivi  
Title: pitivi crashed with AttributeError in update\_priority()  
UserGroups: adm admin audio cdrom dialout dip fax floppy fuse lpadadmin netdev plugdev pulse pulse-access scanner tape users video

# FAIL

# Nyan~!

- Info, documentation et tout ça: <http://pitivi.org>
- Me contacter, blog: <http://jeff.ecchi.ca>
- Mes (vieux) films: <http://studios.ecchi.ca>

