

# **Debian Edu / Skolelinux Audacity manual**

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## Contents

<b>1 Audacity manual</b>	<b>1</b>
<b>2 Before you start</b>	<b>1</b>
2.1 Plugins . . . . .	2
2.2 Where do i find audacity . . . . .	2
<b>3 Doing some recording</b>	<b>2</b>
<b>4 Importing Audio</b>	<b>6</b>
<b>5 Tool section</b>	<b>7</b>
5.1 Selection tool . . . . .	7
5.2 Zooming tool . . . . .	7
5.3 Envelope Tool . . . . .	8
5.4 Time Shifting Tool . . . . .	9
<b>6 Copyright and authors</b>	<b>9</b>
<b>7 Translation copyright and authors</b>	<b>9</b>
<b>8 Translations of this document</b>	<b>9</b>
8.1 HowTo translate this document . . . . .	9
<b>9 Appendix A - The GNU Public License</b>	<b>9</b>
9.1 Audacity manual . . . . .	10
9.2 GNU GENERAL PUBLIC LICENSE . . . . .	10
9.3 TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION . . . .	10

## 1 Audacity manual

This is a manual for audacity, based on the 1.2.4b-2.1+b1 version from the Debian Edu Etch 3.0 release.

The version at <http://wiki.debian.org/DebianEdu/Documentation/Manuals/Audacity> is a wiki and updated frequently.

[Translations](#) are part of the `debian-edu-doc` package, which can be installed on a webserver, and is available [online](#).

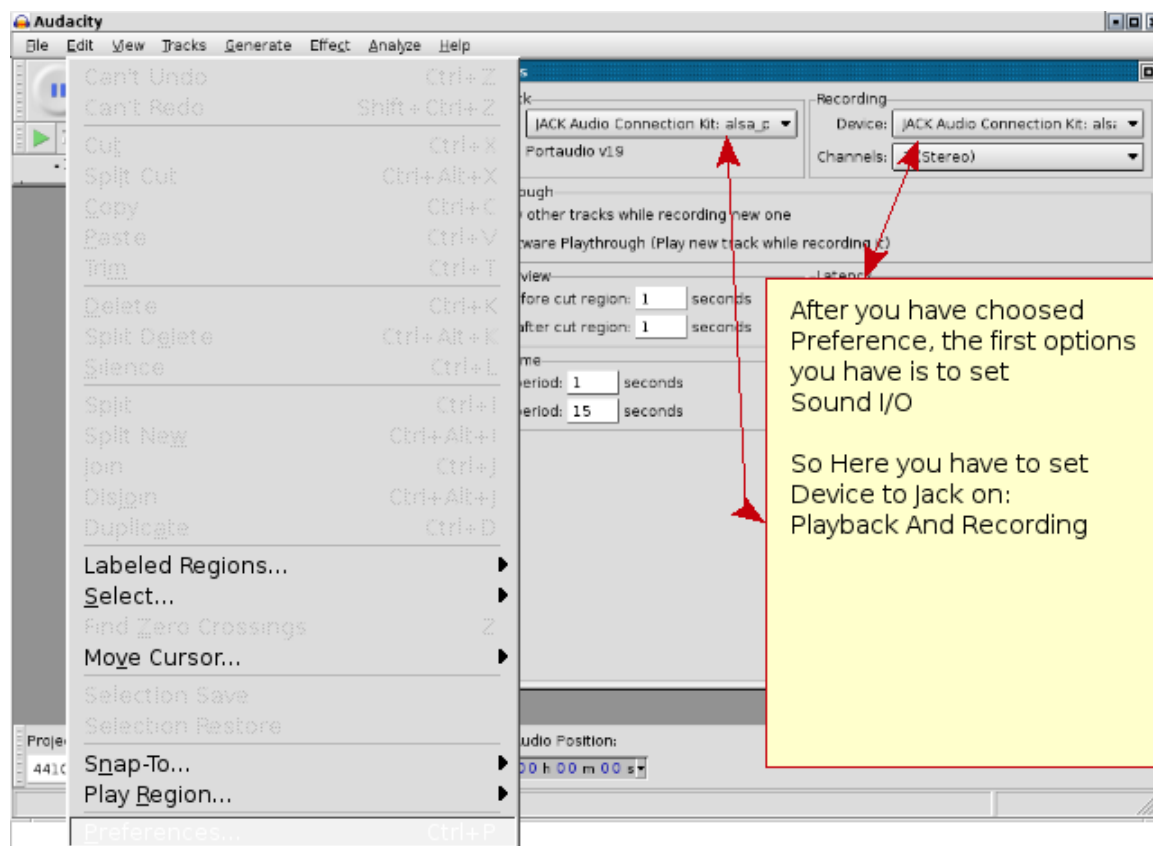
## 2 Before you start

Setup Audacity is not hard, if you remember to setup that Audacity to use Jack, this is to make it possible to run other program that use sound at the same time. How to setup Jack to run smoothly. The guide is here

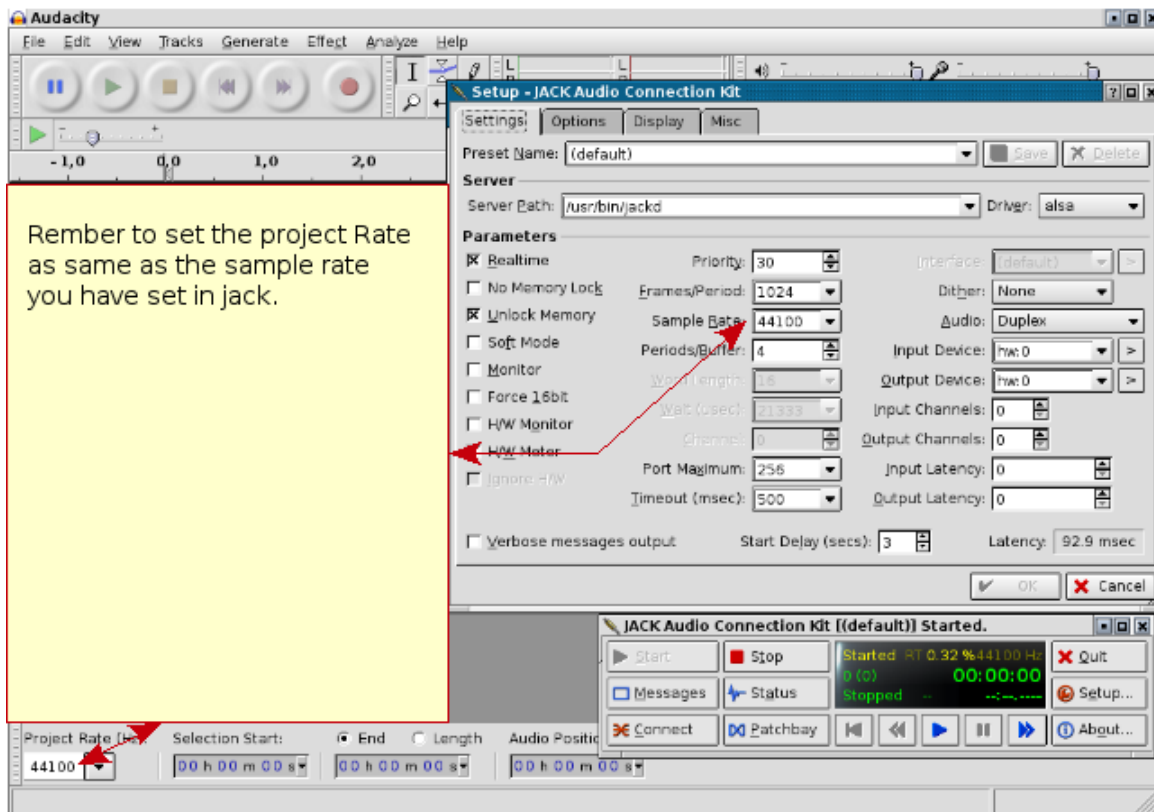
<http://wiki.debian.org/DebianEdu/Documentation/Manuals/Rosegarden/Setup>

I used Audacity 1.3.3-Beta when i make this documentation.

So to set Audacity to use jack you have to go in the menu --> Edit ---> Preferences.



The next thing you have to be aware of that the project rate must be the same sample rate you have set in jack.



## 2.1 Plugins

There are some plugins you probably want:

** audio Plugins **
swh-plugins
mcp-plugins
terminatorx

fixme: put on some audio plugin you have experience with

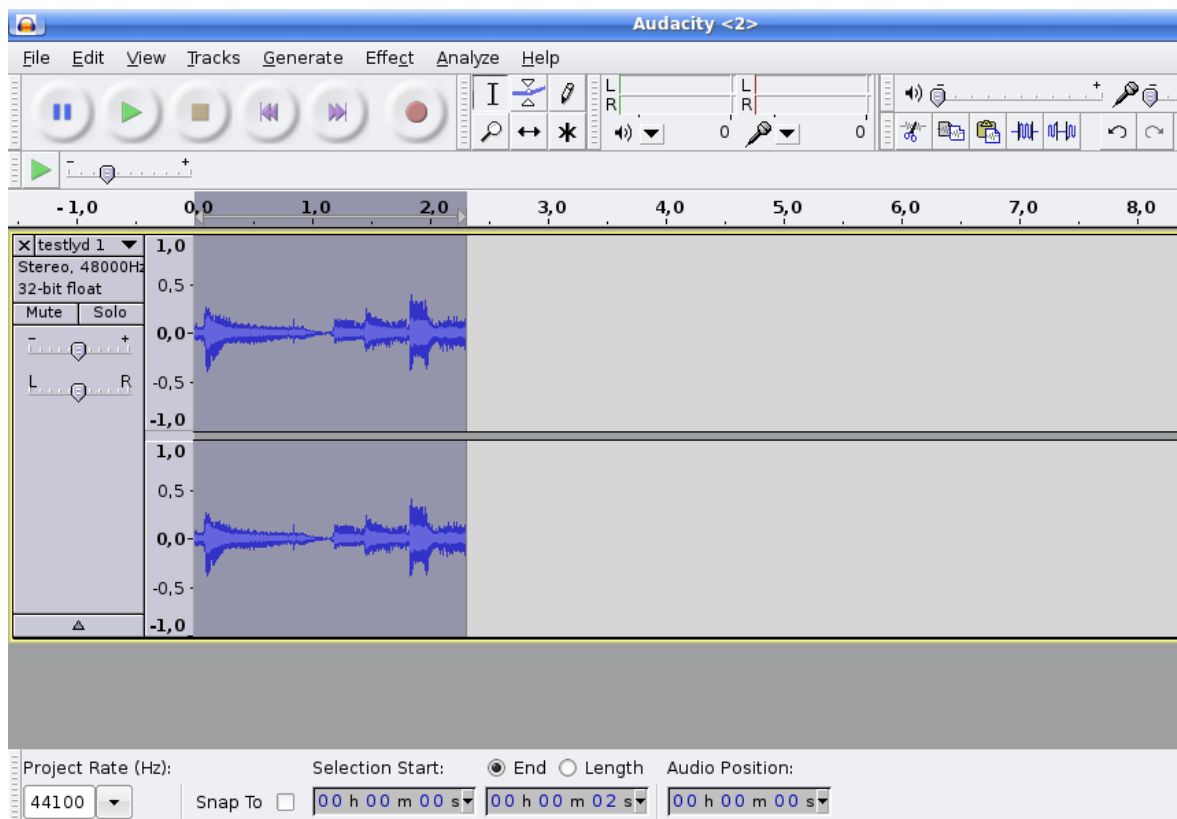
Now you are ready to do some recording

## 2.2 Where do i find audacity

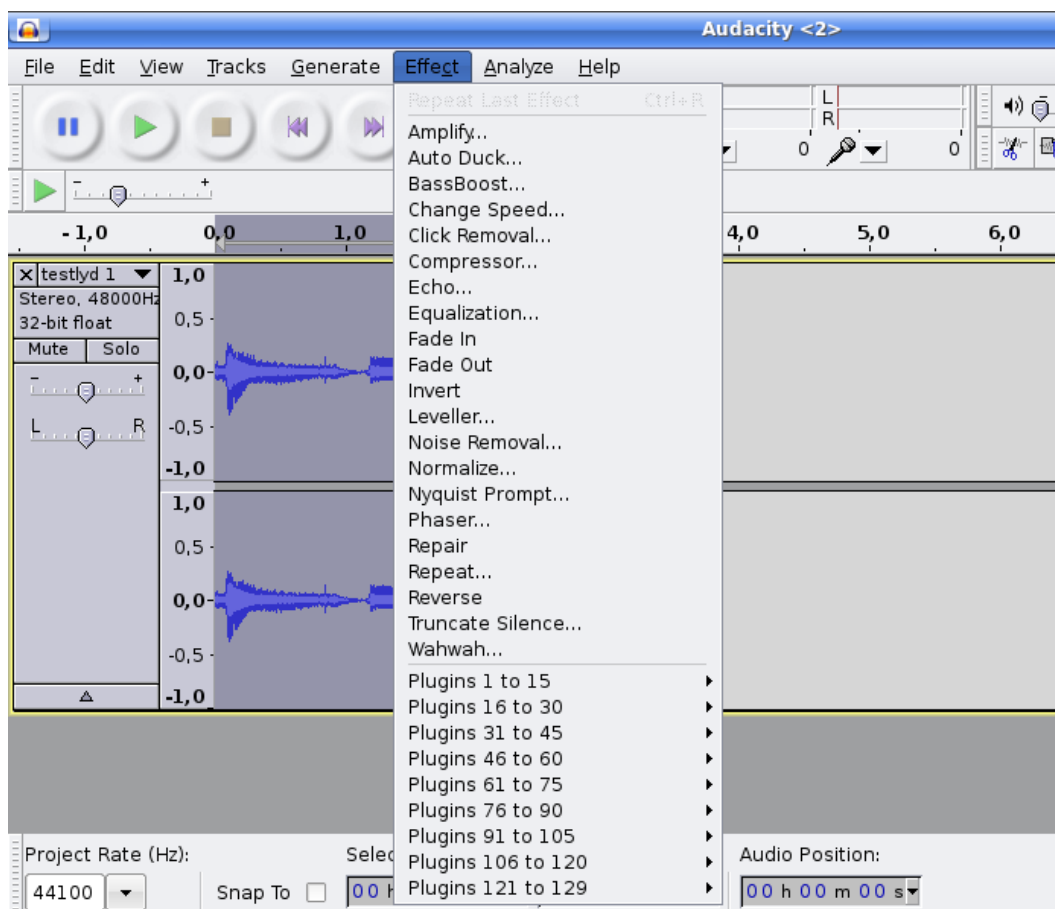
Well you can simply just install it with aptitude, and you can also take a look at the projects page here <http://audacity.sourceforge.net/>

## 3 Doing some recording

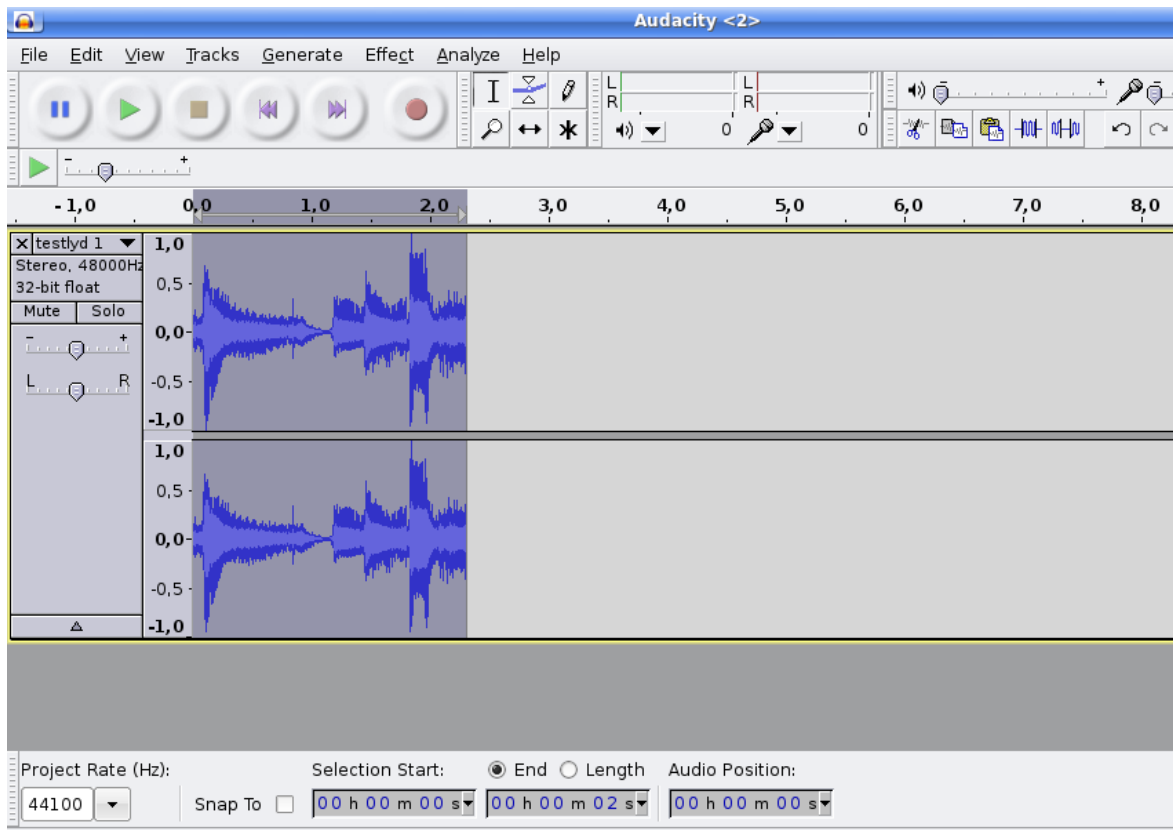
First thing to remember when you do a recording, is that you are careful that the record volume settings, not set to loud. It's better to have to low setting rather to loud on this.



And when you have recorded what you want, you can normalize the recording so the volume automatically sets right volume on the record without any danger of having part of the sound overdriven.



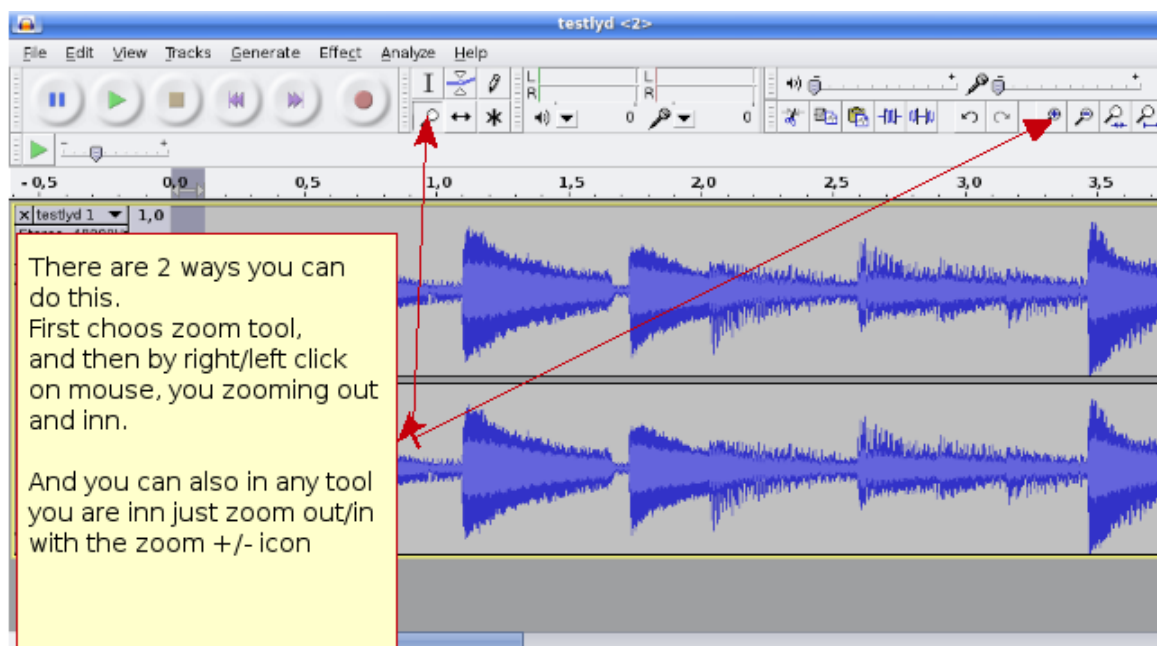
And after you have normalized the recorded segment, it looks like this.



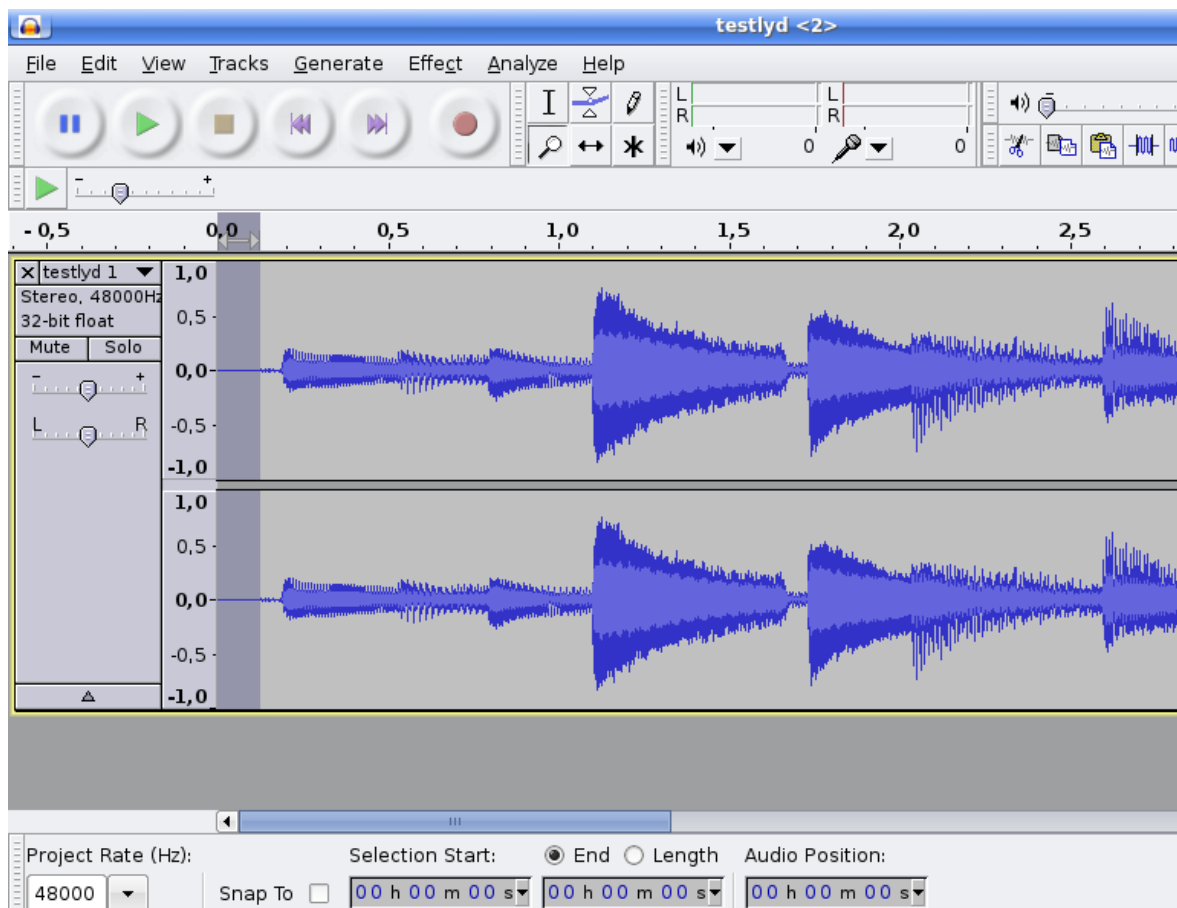
Now the volume on this recorded segment is corrected. This is a better way to be sure that the record you have done not are overdriven, so have to Low setting and afterwards let audacity fix the volume on it.

Now we want to remove noise from the record, maybe some background hiss from your microphone. So first part is to make a "noise profile" of what you want to remove from your recordet segment.

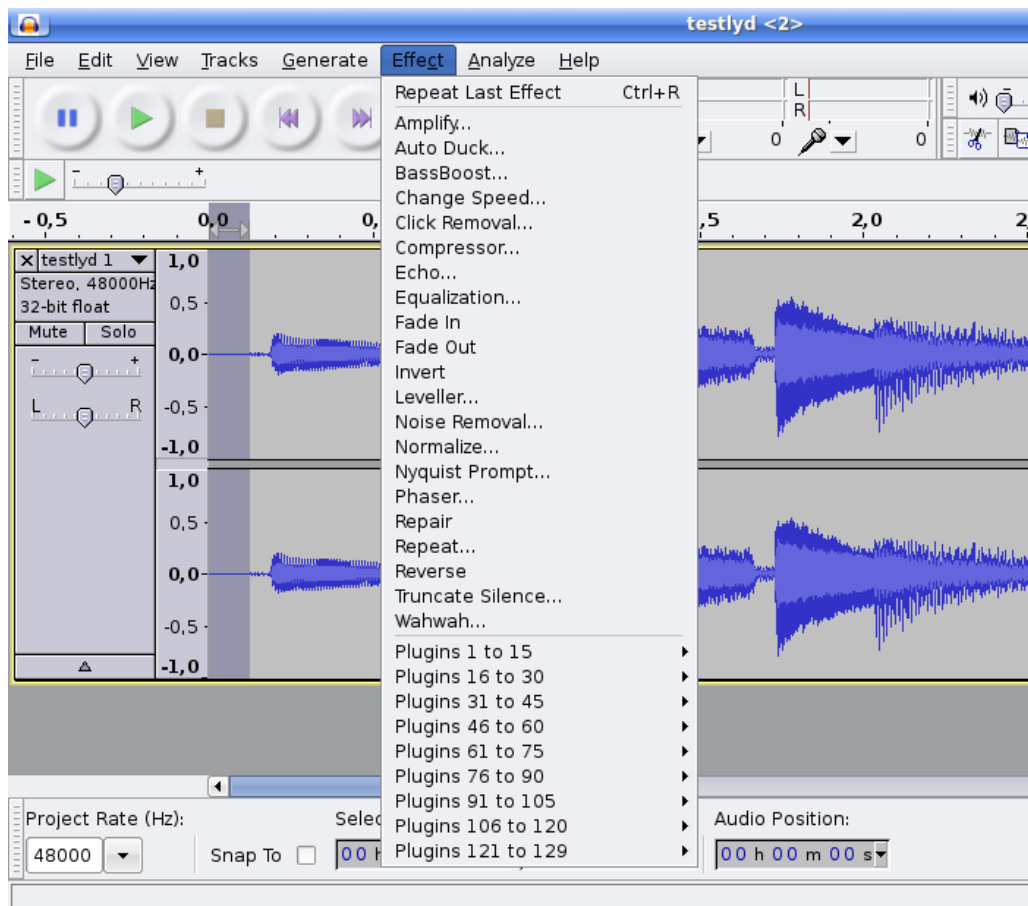
1. First zoom out so you more clearly can see the recording.



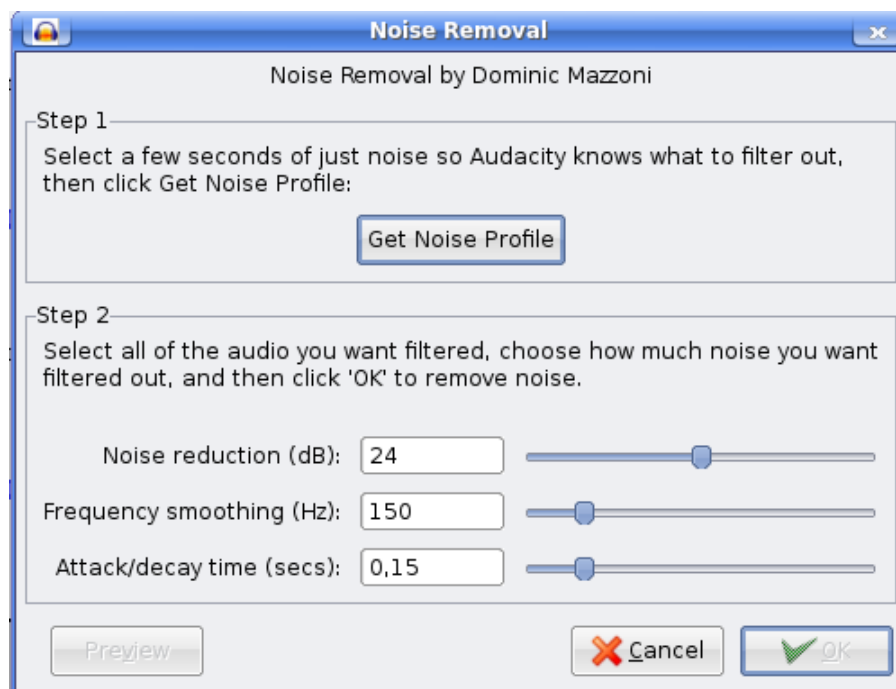
2. Then mark what you want to make a profile of. Buy left click on mouse and hold down on the segment, and drag. You mark the zone you need to get the profile of.



3. Then choose that you want to use Noise removal



### 4. Then Create "noise profile"



5. Then you choose the whole record by clicking CTRL + A, and choose noise removal again from meny, but this time press OK

Then if you want to add some reverb, other nice effekts to your liking, you just search the big menu that is available after you installed the plugins i recommended.

You have several way to export you finished result. You can export it as WAV, AIFF MP3, OGG, FLAC, just choose export in the file menu.

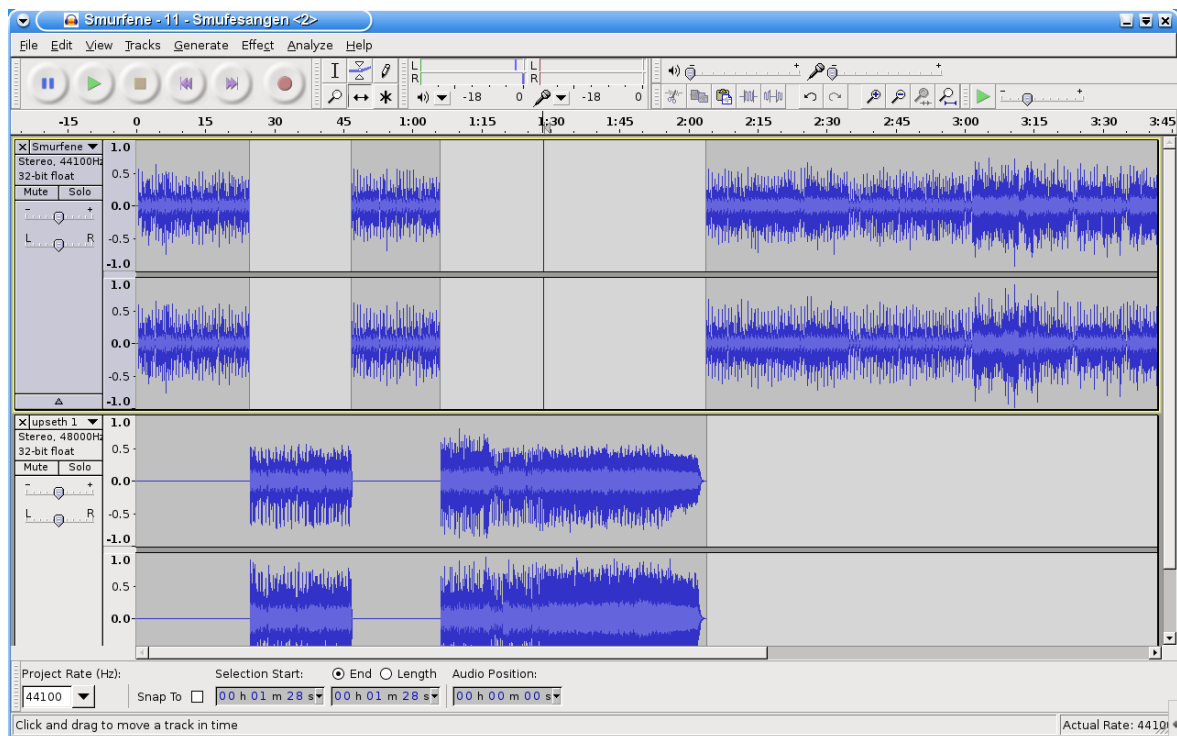
## 4 Importing Audio

With audacity you can import audio that is Audio, Midi, Labels, Raw Data. You can directly import Mp3 files into the project, and mixing different song together in audacity

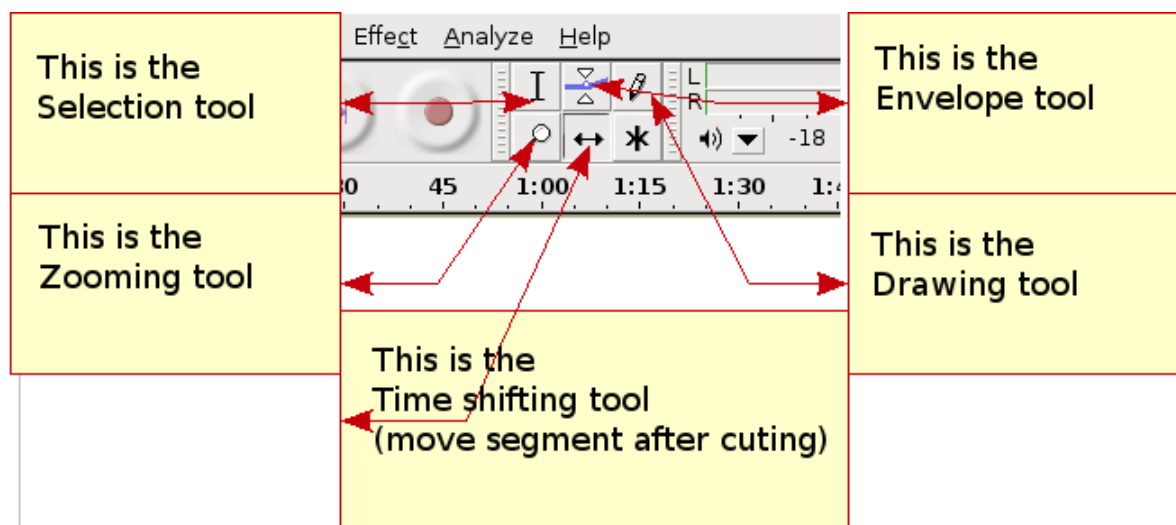
Let me give you example.

First my main song "smurfesangen", and then you can import for mixing, one another song, just choose in the meny > > file > > Import Audio, then the newly importet audio will come under your first audio, the posibility to mixing here is huge.





## 5 Tool section

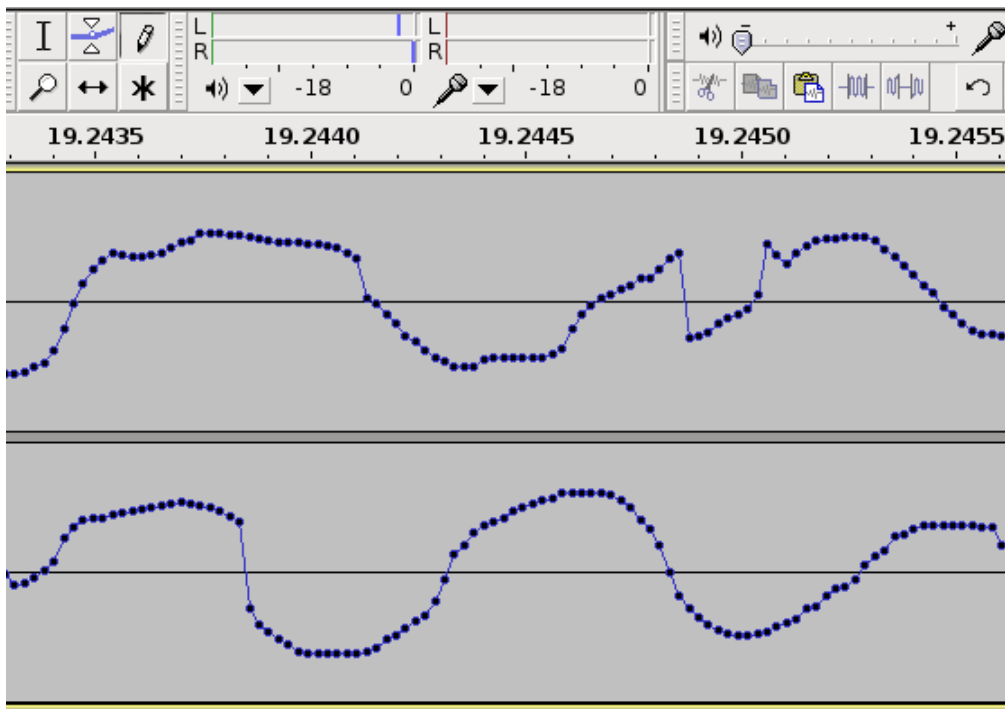


### 5.1 Selection tool

To split the audio so you can move part of it you have to first with the selection tool, choose where you want to cut it. And then with "ctrl + I" split it. And then with time shift tool you can move the segment.

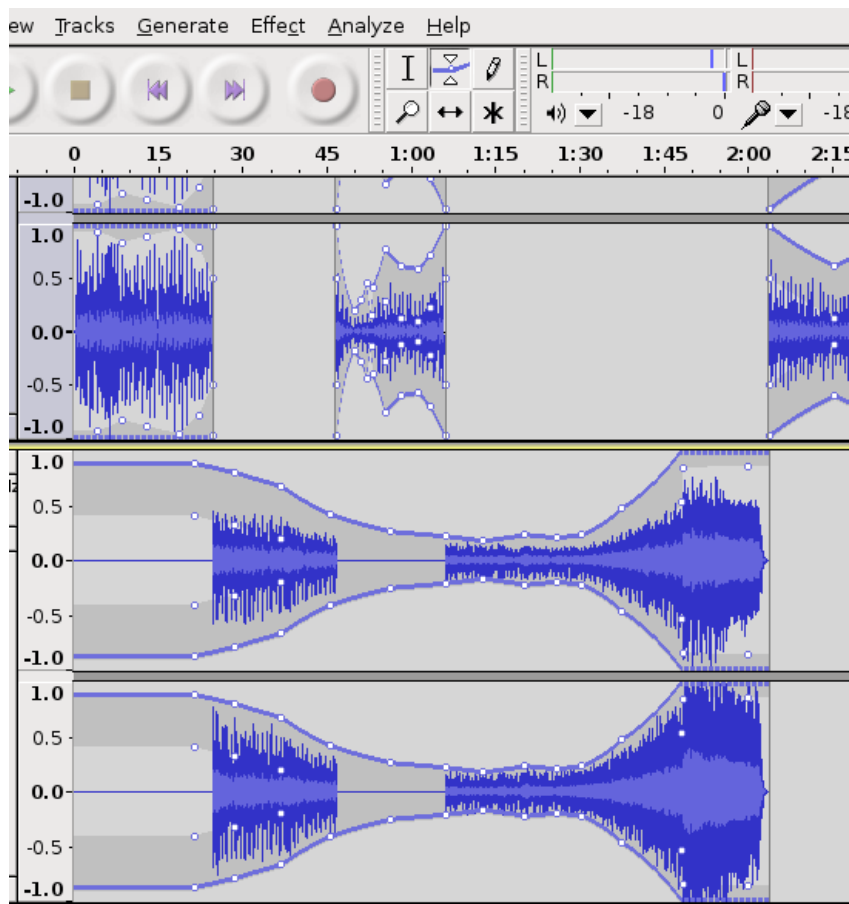
### 5.2 Zooming tool

With the Zooming tool you can zoom into the audio segment and then with the drawing tool manipulating the audio



### 5.3 Envelope Tool

With the envelope tool you can manipulate the volume by decrease and increase volume wherever you are on the segment



## 5.4 Time Shifting Tool

with this you can move your audio segments around.

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## 8 Translations of this document

Fully translated versions of this document are available in French.

### 8.1 HowTo translate this document

Translations of this document are kept in PO files like in many free software projects, read `usr/share/doc/debian-edu-doc-en/README.audacity-manual-translations` for more information on this. Please read also read this, if you want to start/help translating this document.

To commit your translations you need to be a member of the alioth project `debian-edu`. To translate, you just need to check out some files from Subversion (which can be done anonymously), create patches and send those to [debian-edu-doc@packages.qa.debian.org](mailto:debian-edu-doc@packages.qa.debian.org).

You can checkout the `debian-edu-doc` source anonymously with the following command (you need to have the `subversion` package installed for this to work):

- `svn co svn://svn.debian.org/svn/debian-edu/trunk/src/debian-edu-doc`

Then edit the `documentation/audacity/audacity-manual.$CC.po` (where you replace `$CC` with your language code). There are many tools for translating available, we suggest to use `lokalize`.

Then you either commit the file directly to Subversion (if you have the rights to do so) or send the file to the mailinglist.

To update your local copy of the repository use the following command inside the `debian-edu-doc` directory:

- `svn up`

Read `/usr/share/doc/debian-edu-doc-en/README.audacity-manual-translations` to find information how to create a new PO file for your language if there is none yet, and how to update translations. If you are new to Subversion, look at the [Version Control with Subversion](#), it has a chapter on the [basic workflow with Subversion](#).

Please report any problems.

## 9 Appendix A - The GNU Public License

Note to translators: there is no need to translate the GPL license text.

## 9.1 Audacity manual

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