

# Debian Edu / Skolelinux Audacity 手册

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## Contents

<b>1</b>	<b>Audacity 手册</b>	<b>1</b>
<b>2</b>	<b>开始之前</b>	<b>1</b>
2.1	插件 . . . . .	2
2.2	从何处获取 Audacity . . . . .	2
<b>3</b>	<b>进行一些录制</b>	<b>3</b>
<b>4</b>	<b>导入音频</b>	<b>9</b>
<b>5</b>	<b>工具部分</b>	<b>10</b>
5.1	选择工具 . . . . .	10
5.2	缩放工具 . . . . .	11
5.3	包络工具 . . . . .	11
5.4	时间移动工具 . . . . .	12
<b>6</b>	<b>版权与作者</b>	<b>12</b>
<b>7</b>	<b>本文档的翻译</b>	<b>12</b>
7.1	使用 PO 文件翻译 . . . . .	13
7.2	使用 web 浏览器在线翻译 . . . . .	13
<b>8</b>	<b>附录 A ——GNU 公共许可证</b>	<b>13</b>
8.1	Audacity 手册 . . . . .	13
8.2	GNU GENERAL PUBLIC LICENSE . . . . .	13
8.3	TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION . . . . .	13

## 1 Audacity 手册

<b>b'' 翻 b''b'' 译 b'':</b>  
 2017 Zhang Miao  
 2018, 2020 Ma Yong  
 2019 zlffcn  
 2020 EldersJavas  
 2020 wdggg  
 2020 tao wang

这是一本关于 Audacity 的手册，基于 Debian Edu Etch 3.0 版中的 1.2.4b-2.1+b1 版本。

在 <http://wiki.debian.org/DebianEdu/Documentation/Manuals/Audacity> 上的版本为一 wiki 版，会常常更新。

翻译为 debian-edu-doc 包的一部分，可以安装于 web 服务器上，且可以在线浏览。

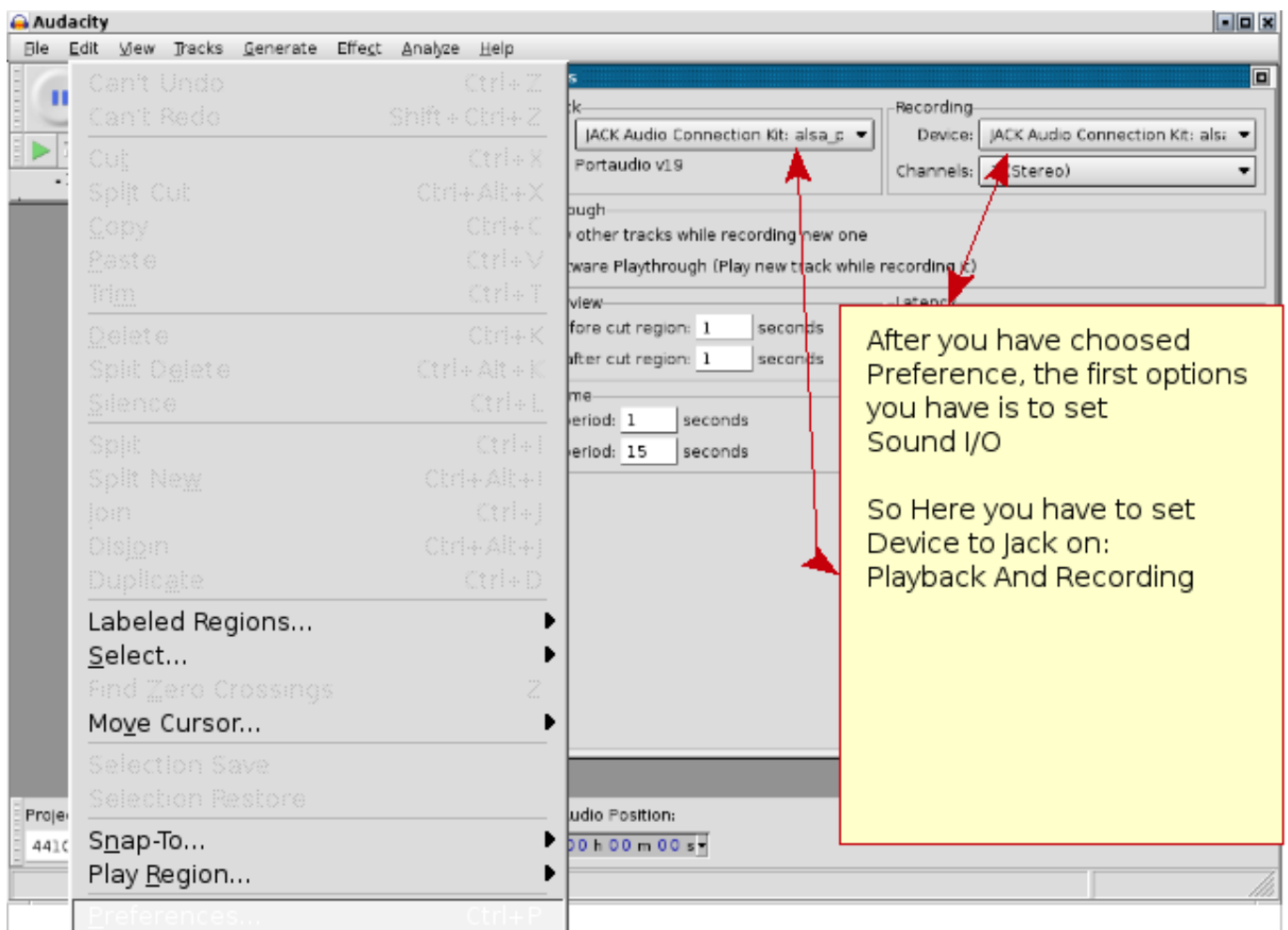
## 2 开始之前

设置 Audacity 并不难，只要您记住设置 Audacity 来使用 JACK，这便能够运行同时使用声音的其他程序。设置 JACK 使其流畅运行的手册如下：

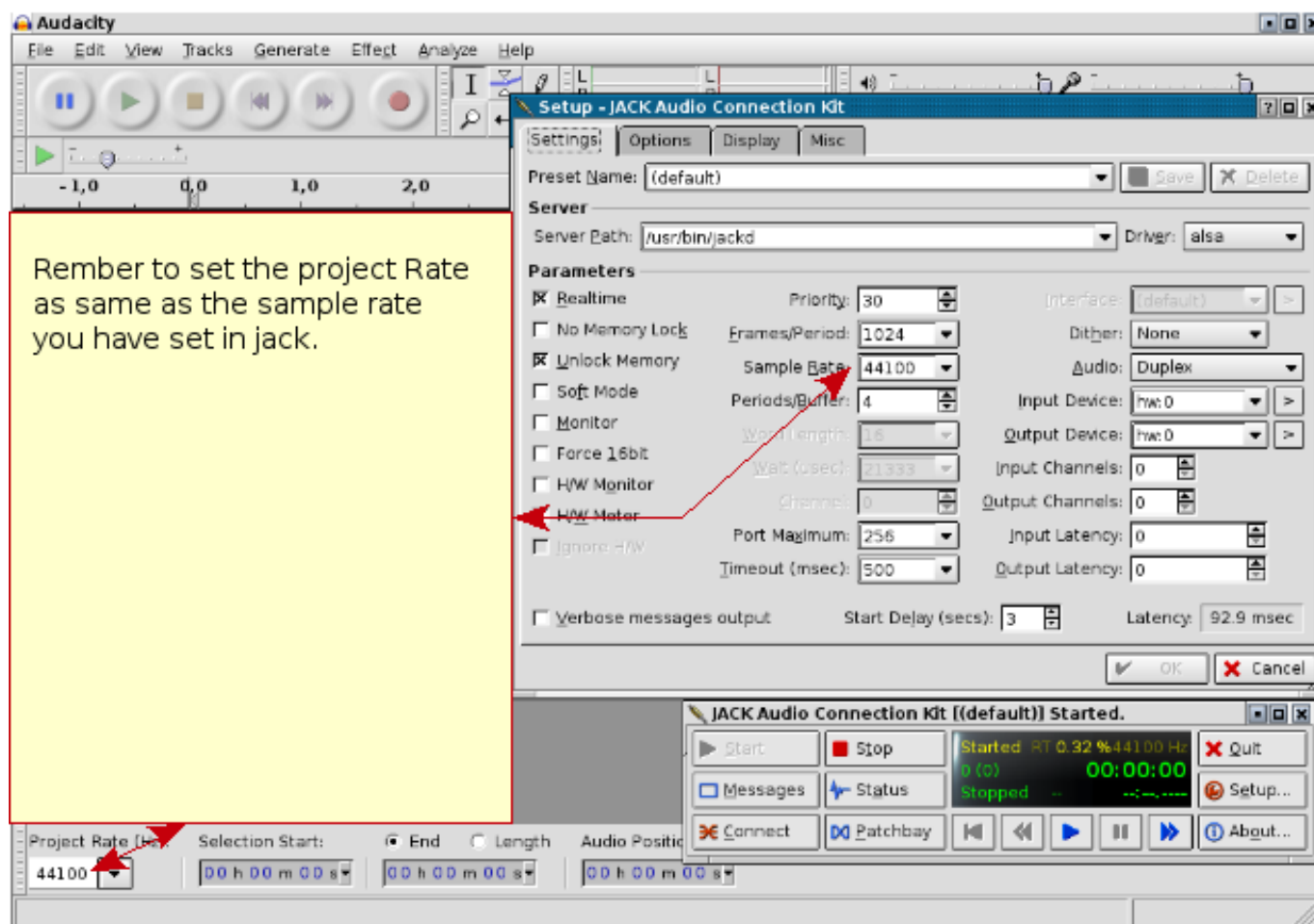
<http://wiki.debian.org/DebianEdu/Documentation/Manuals/Rosegarden/Setup>

本人制作本文档时，使用的是 Audacity 1.3.3-Beta 版本。

设置 Audacity 使用 Jack，您需要进入菜单 --> 1 编辑 ---> 2 首选项目。



接下来要注意的是，项目速率必须与在 jack 中设置的样本速率相同。



## 2.1 插件

这里是一些你大概需要的插件：

**\*\* 音频插件 \*\***

swh-plugins

mcp-plugins

terminatorx

放一些你有一定经验的插件

现在您已做好开始录制的准备了。

## 2.2 从何处获取 Audacity

您可以方便的使用 aptitude 来安装它，也可以在如下项目页面看一下 <http://audacity.sourceforge.net/>

### 3 进行一些录制

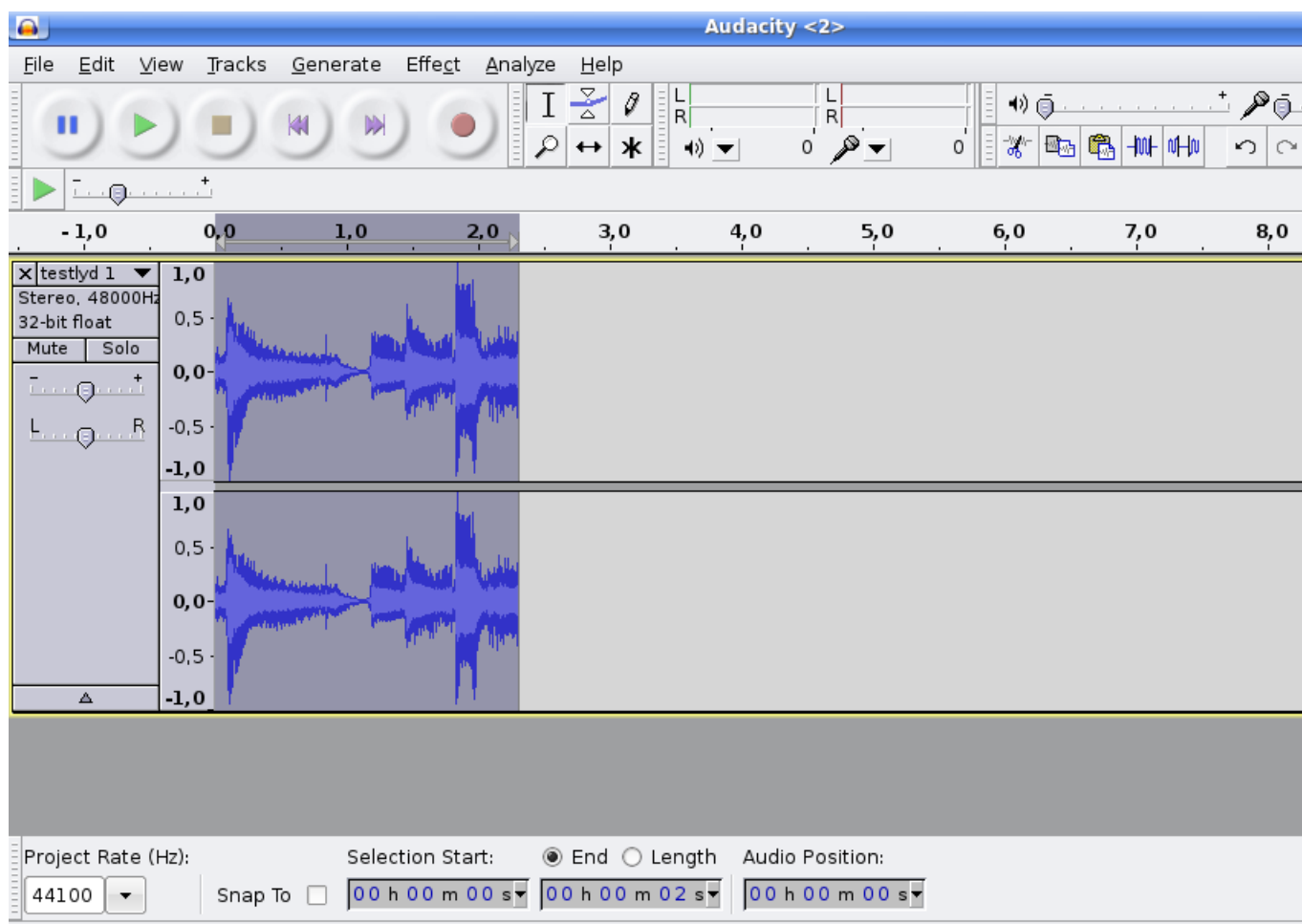
当你录音时最好记住不要将音量设置的过大，往往设置低一点比较合适。



当你录制了你想要的内容时，你可以对录音进行标准化处理，在录音中自动设置正确的音量而不会有部分声音过载的危险。



而后你有一小段合格的录音，看着像这样：



现在，这个录音段落的音量被纠正了。这是较好的方式，来确保您完成的录音不会过载，而必须降低设置，此后，让 Audacity 来修正它的音量。

现在我们想要从录音中去除噪音，也许是一些来自您麦克风的背景的嘶嘶声。所以第一部分是制作从您录音片段中想要去除的“噪音剖面”。

1. 首先缩小，使您能够更清晰地看到录音。



2. 然后，将您想要制作剖面的部分进行标记。通过在录音段落上左击鼠标并按住，然后拖动。这样您标记了需要得到剖面的部分。

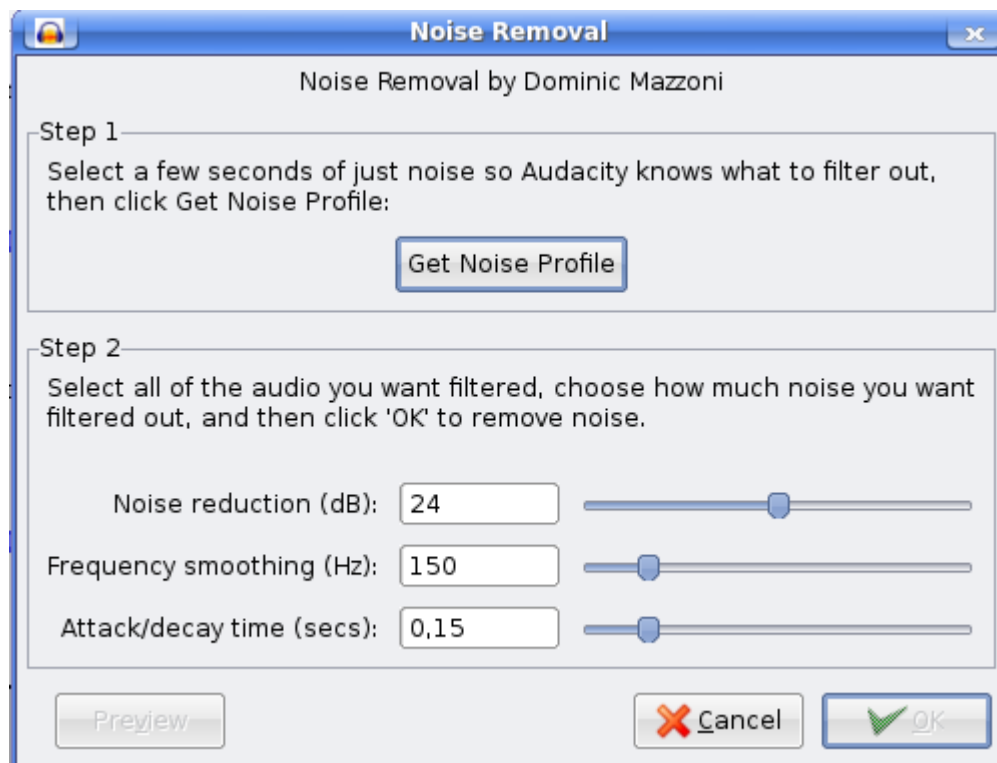




3. 然后选择需要使用的 Noise removal.



4. 然后创建“噪音设定”。



5. 然后点击 CTRL + A 选择完整录音，并再次从菜单选择杂音去除，而这次按 OK。

还有如果想要添加某些回声，你所喜爱的其他宜人效果，就搜寻建议安装插件后能用到的大菜单。

有几个途径来输出完成的成果。可以输出为 WAV，AIFF MP3，OGG，FLAC，就在文件菜单里选择输出。

## 4 导入音频

使用 Audacity 可以导入多种常规音频：音频、MIDI、标签和原始数据。可以直接导入 MP3 文件进入项目，并在 Audacity 里混合不同的歌曲到一起。

举例。

第一个主歌曲”smurfesangen”，而后为混合可以导入，另一首歌，就在菜单中选择 > > 文件 > > 导入音频，然后新导入的音频会出现在第一个音频下面，混合能力极大。



## 5 工具部分

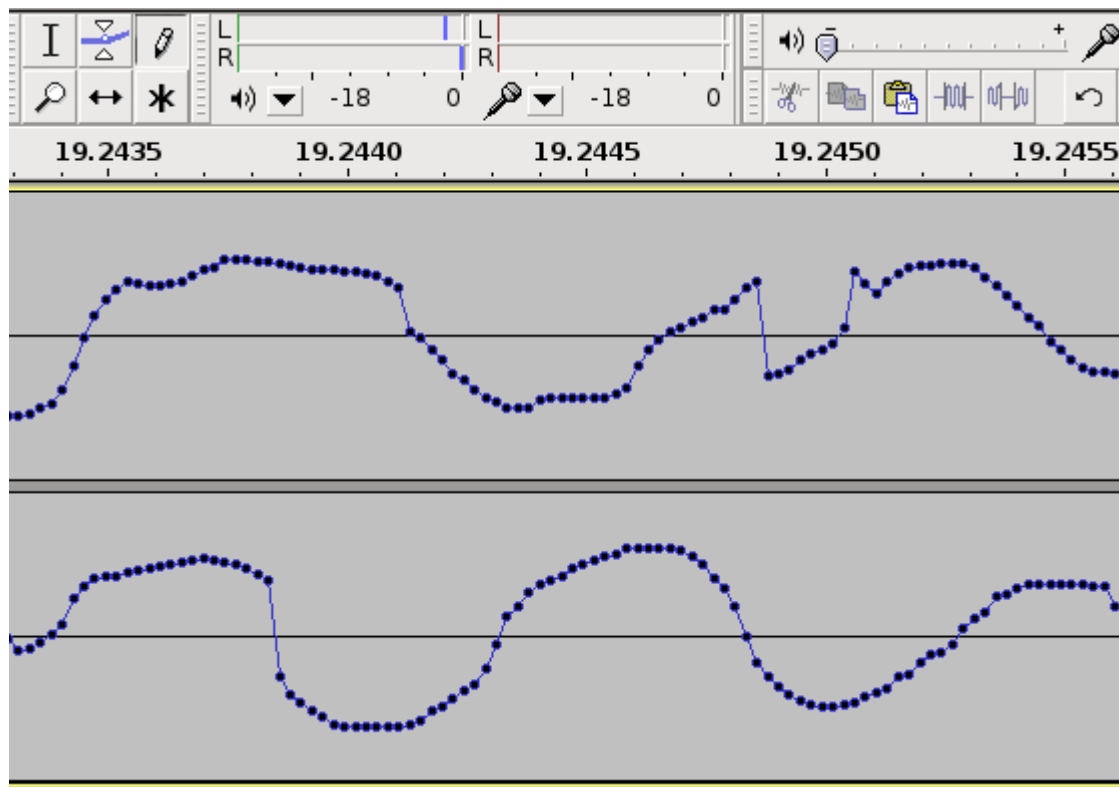


### 5.1 选择工具

要分离可以移动的部分音频首先要使用选择工具，选取需要剪切的。而后使用”ctrl + I”分离。然后使用时间移动工具移动标出的部分。

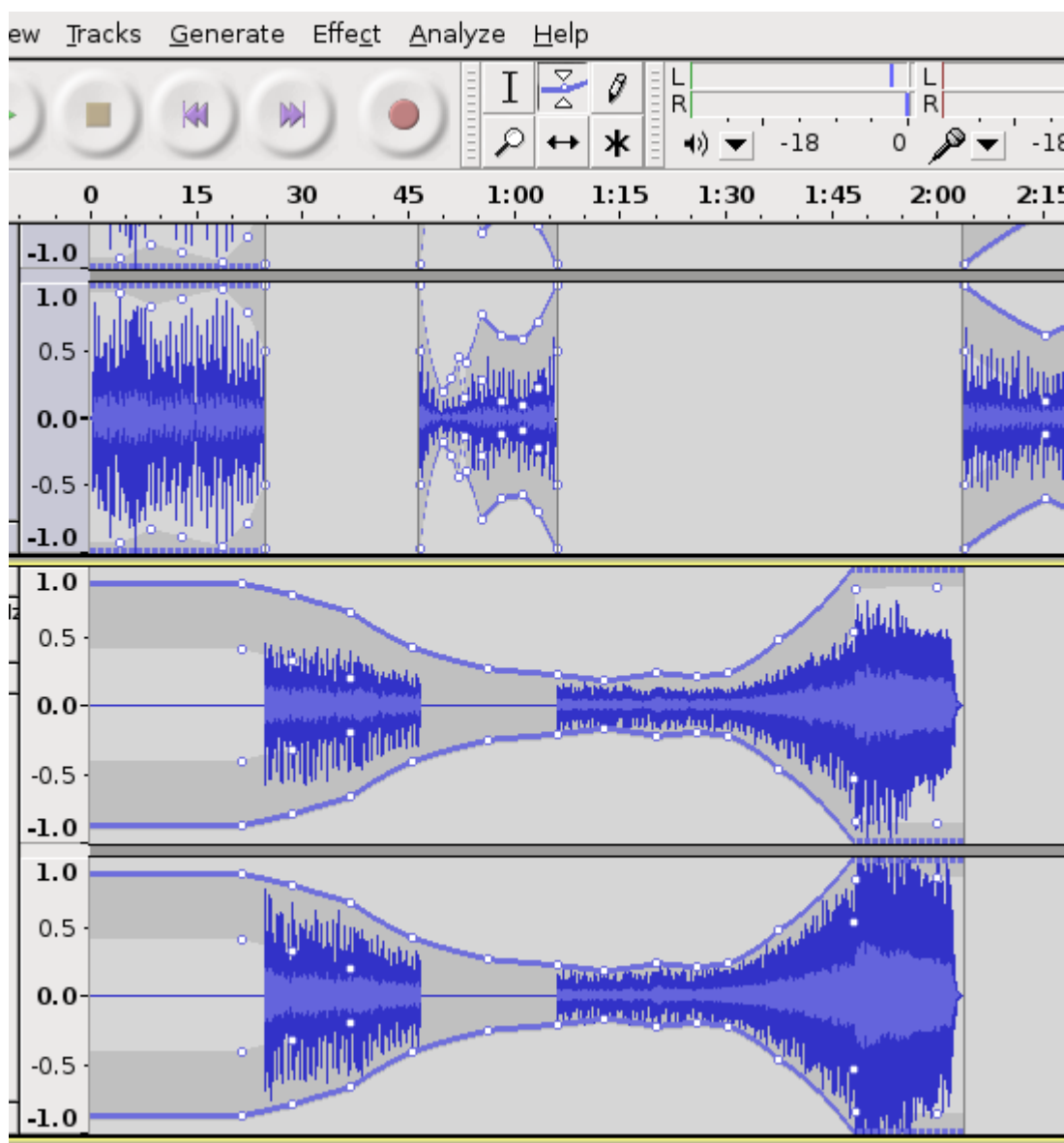
## 5.2 缩放工具

使用缩放工具可以缩放音频的标出部分然后用绘制工具操作这一音频。



## 5.3 包络工具

使用包络工具可以控制任何标出部分的音量大小。



## 5.4 时间移动工具

使用时间移动工具可以在一定范围内到处移动音频的标出部分。

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## 7 本文档的翻译

现有翻译为书面挪威语、法语和荷兰语的这版文档。未完成的翻译有波兰语、瑞典语和简体中文。这里有 [所携带翻译的在线概况](#)。

## 7.1 使用 PO 文件翻译

在很多自由软件项目中, 本文档的翻译保存为 PO 文件。过程的更多信息可以在 `/usr/share/doc/debian-edu-doc/README.de` 中找到。

## 7.2 使用 web 浏览器在线翻译

某些语言团队决定通过 Weblate 来翻译。更多信息参看 <https://hosted.weblate.org/projects/debian-edu-documentation/audacity/>。

请报告任何问题。

# 8 附录 A ——GNU 公共许可证

## 8.1 Audacity 手册

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Version 2, June 1991

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