Debian Edu / Skolelinux Audacity マニュアル

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1 Audacity マニュアル

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2019 hoxp18
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このマニュアルは Debian Edu Etch 3.0 の audacity 1.2.4b-2.1+b1 バージョンを元にしています。

http://wiki.debian.org/DebianEdu/Documentation/Manuals/Audacity の wiki で頻繁に更新されています。

翻訳 は debian-edu-doc パッケージの一部で、ウェブサーバーにアップロードしてもいいですし、オンラインでもご利用頂けます。

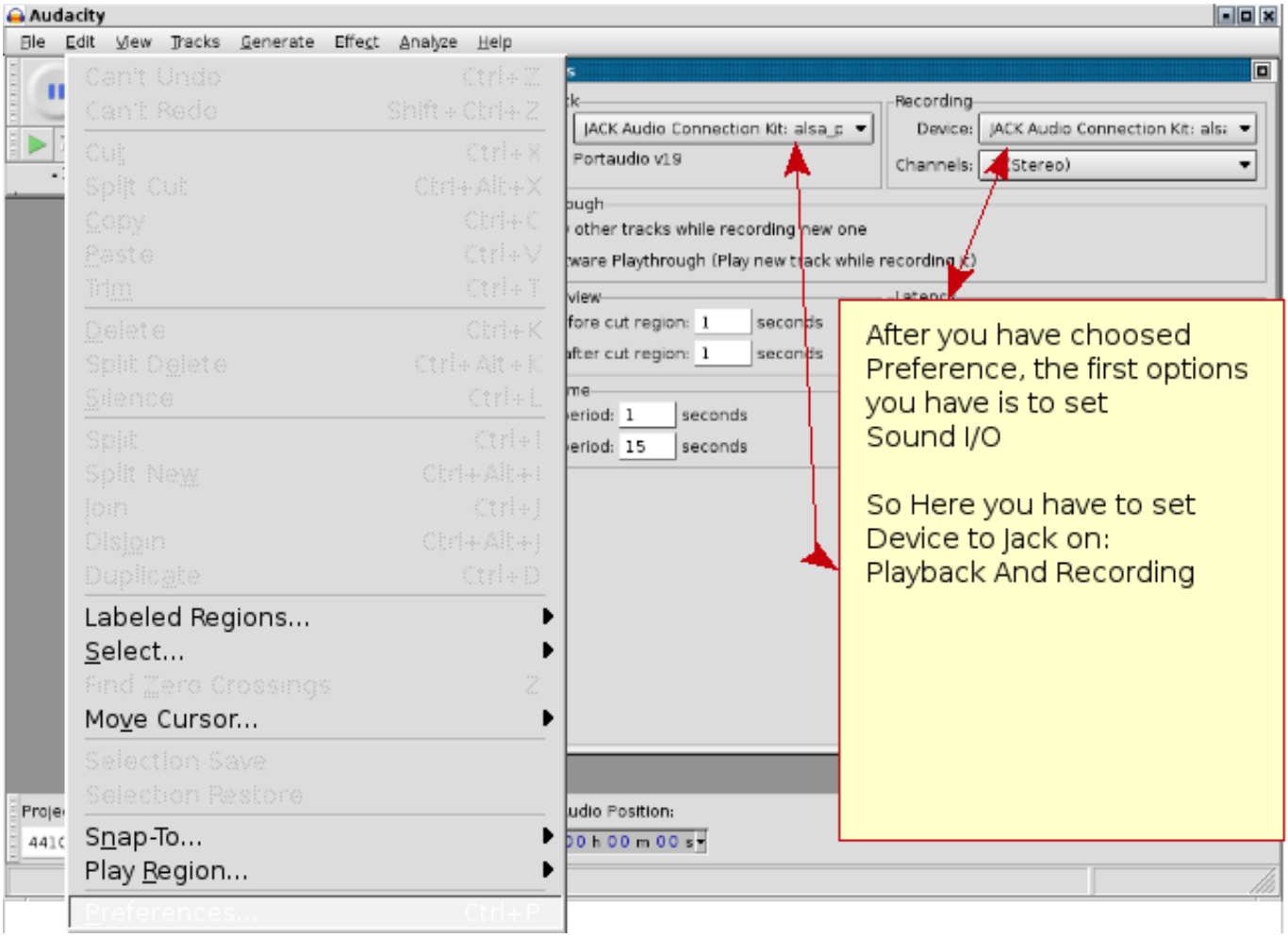
2 はじめる前に

Audacity のセットアップは JACK を使えば難しくはありません。Jack は他のプログラムと音声機能を同時に使えるようにします。JACK 自体のセットアップも難しくありません。次のガイドをご参照ください:

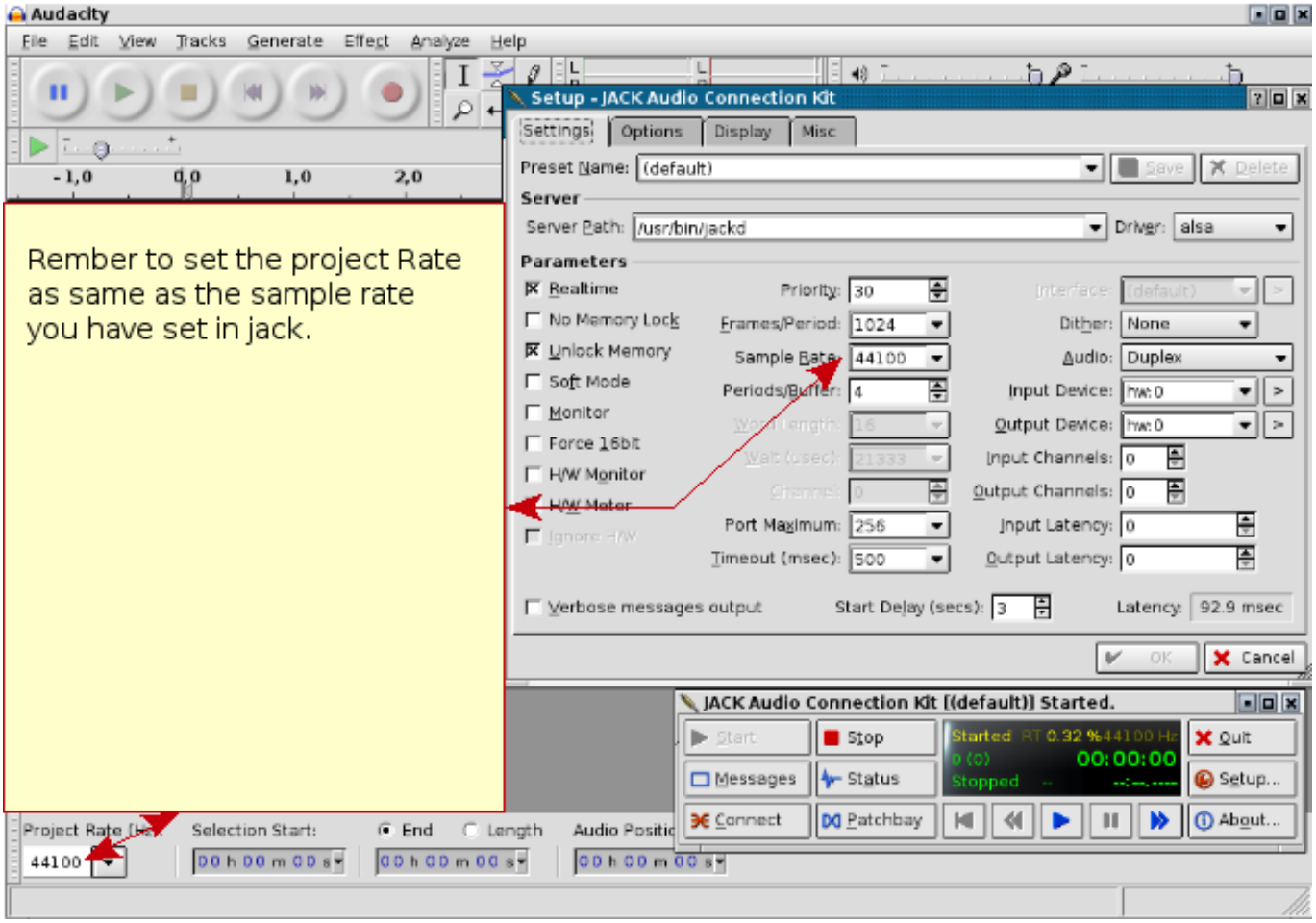
http://wiki.debian.org/DebianEdu/Documentation/Manuals/Rosegarden/Setup

なお、この文書の作成時点での Audacity は 1.3.3-Beta です。

Audacity で Jack を使うには、メニューから --> Edit ---> Preferences を選びます。



プロジェクトで利用するサンプリングレートは Jack のものと同じにある必要があります。



2.1 プラグイン

もし使いたいプラグインがある場合は:

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

fixme: put on some audio plugin you have experience with

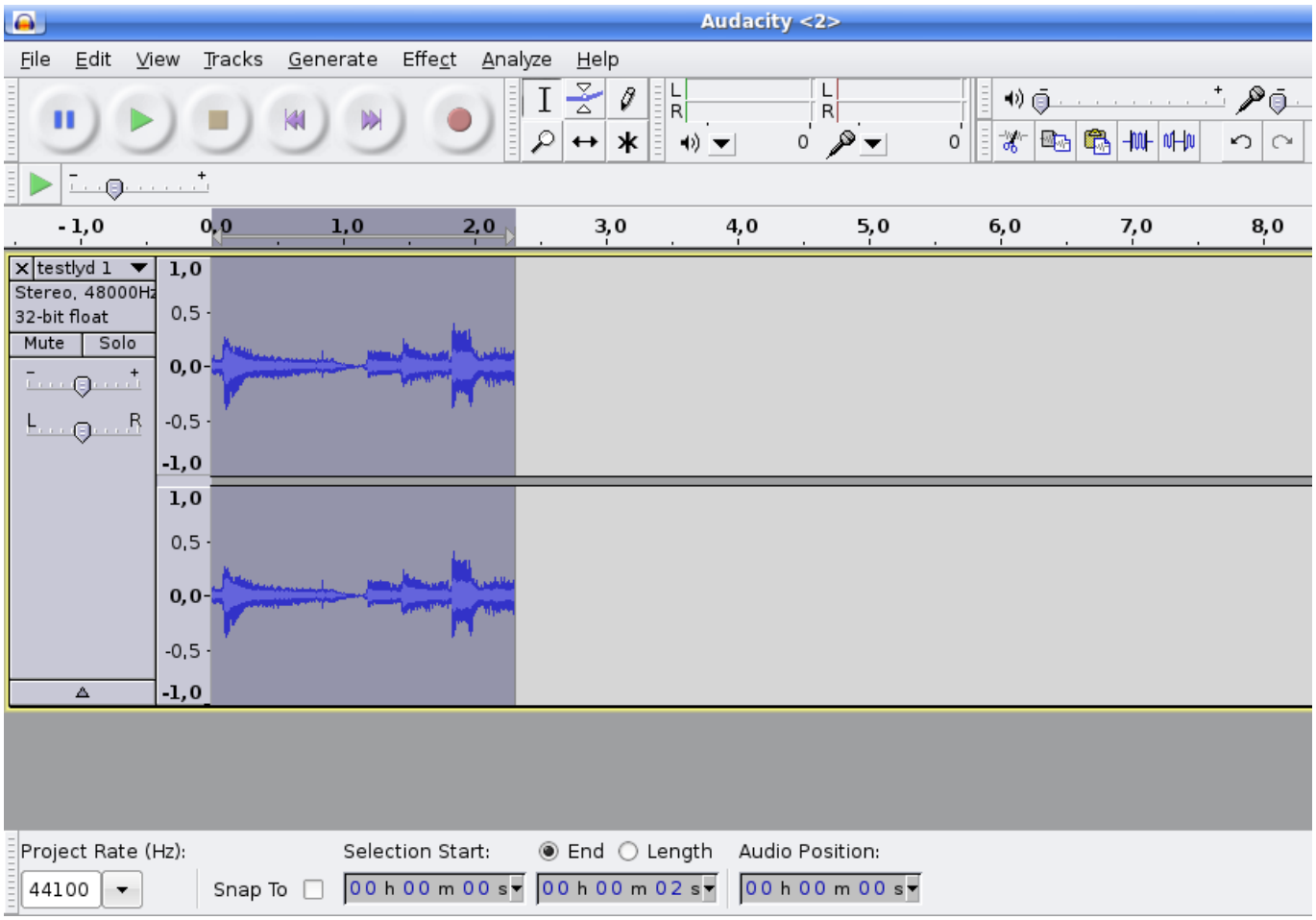
以上で録音の準備は整いました。

2.2 Audacity の本家プロジェクトなどについて

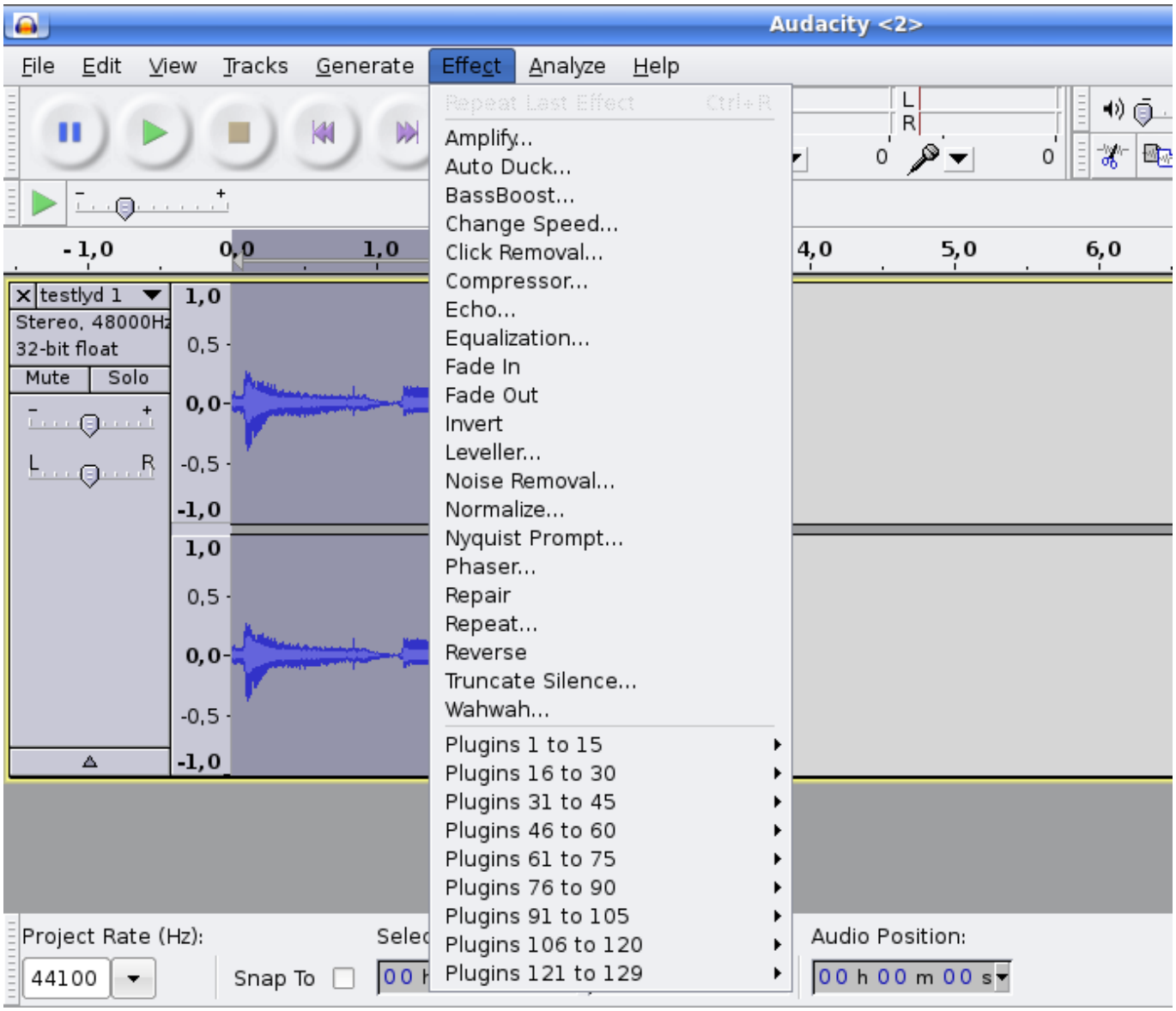
aptitude でインストールできますが、Audacity 自体のプロジェクトのページは http://audacity.sourceforge.net/ です。

3 録音してみる

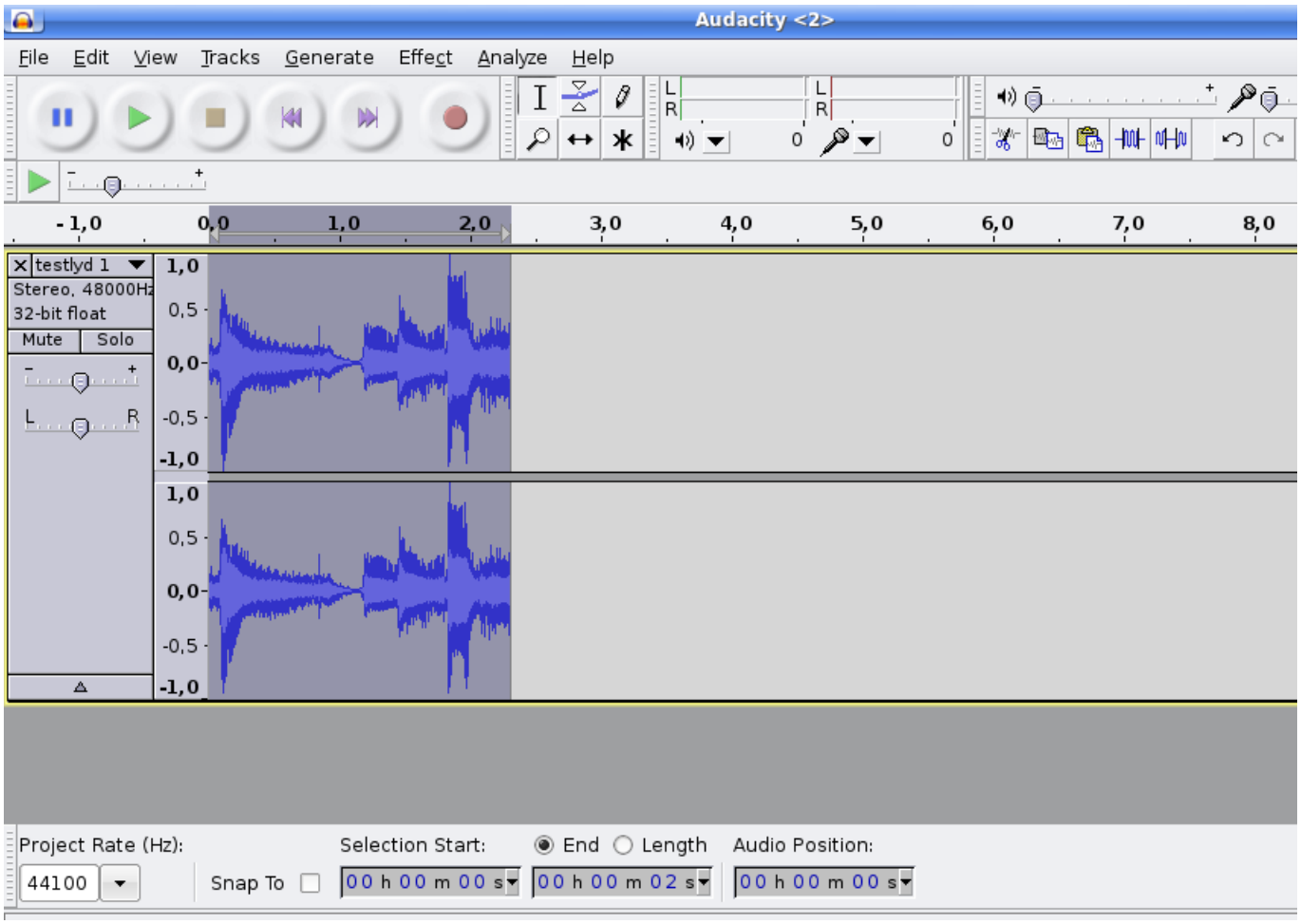
録音するときには、まず録音音量の設定に注意してください。高すぎるとよくありません。録音音量は高めよりも低めがよいです。



録音で音が割れないようにするためには、ノーマライズを利用して自動的に録音音量を設定します。



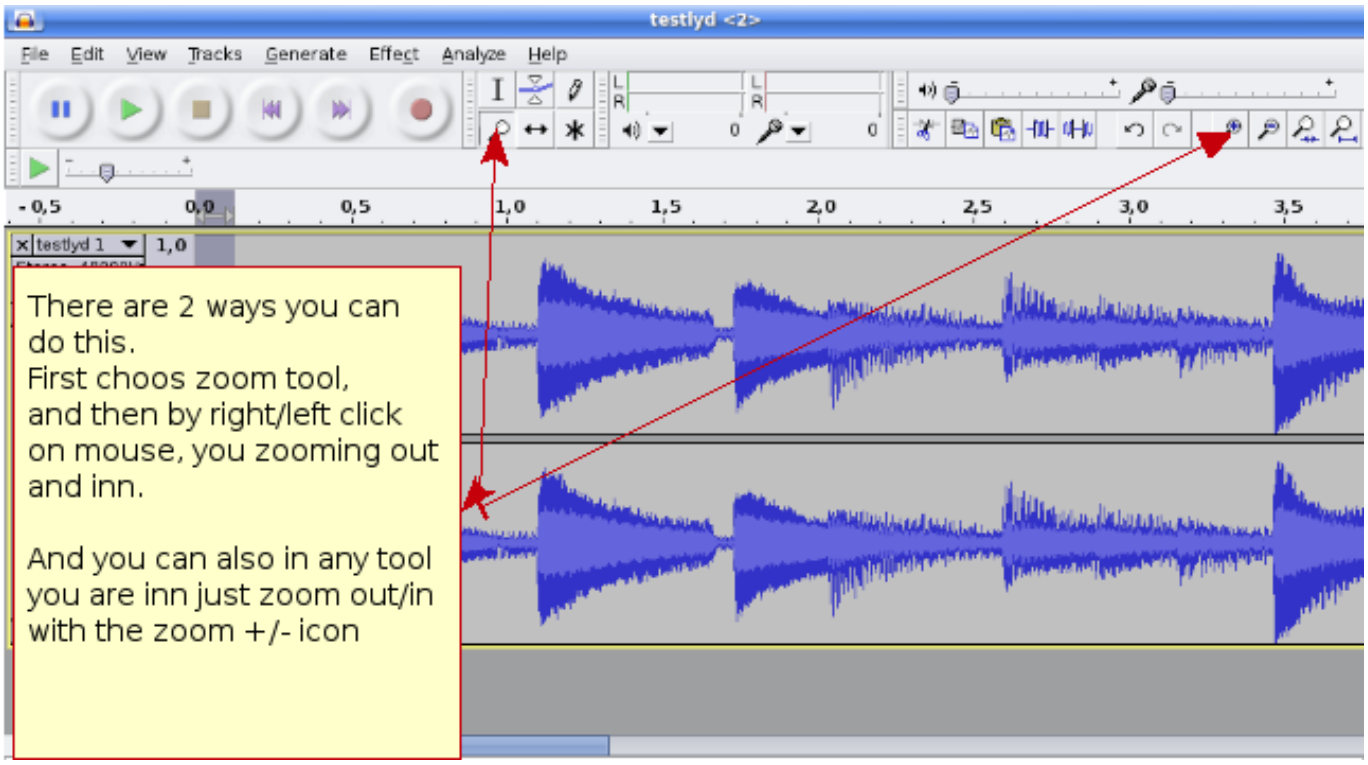
ノーマライズした後はこうなります。



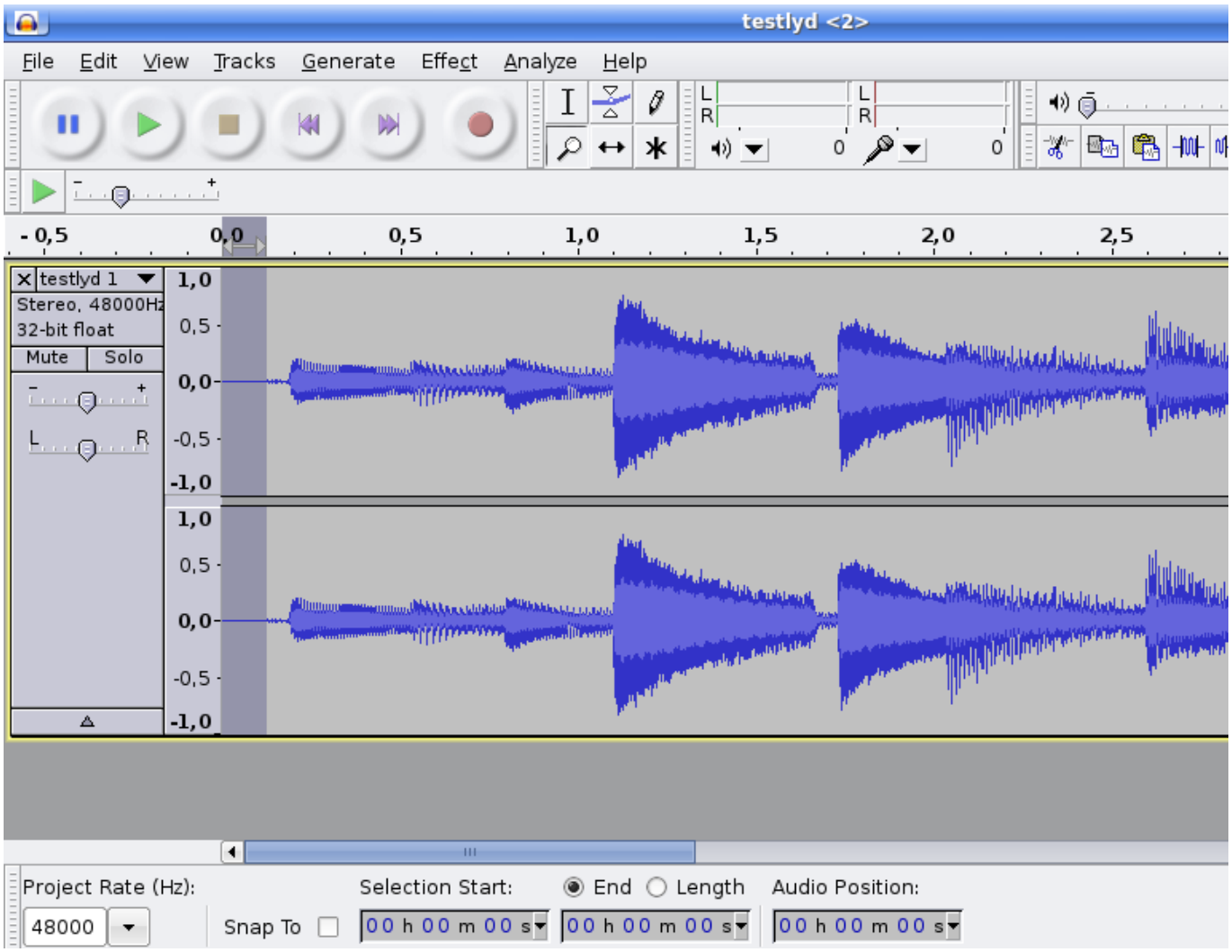
録音部位の音量が調整できました。音割れを防ぐには、低めで録音してから Audacity に後で調整させるのがよいでしょう。

次はマイクの背景ヒス音などのノイズの除去をしてみましょう。まず録音トラックで除去したい「ノイズプロフィール」を設定します。

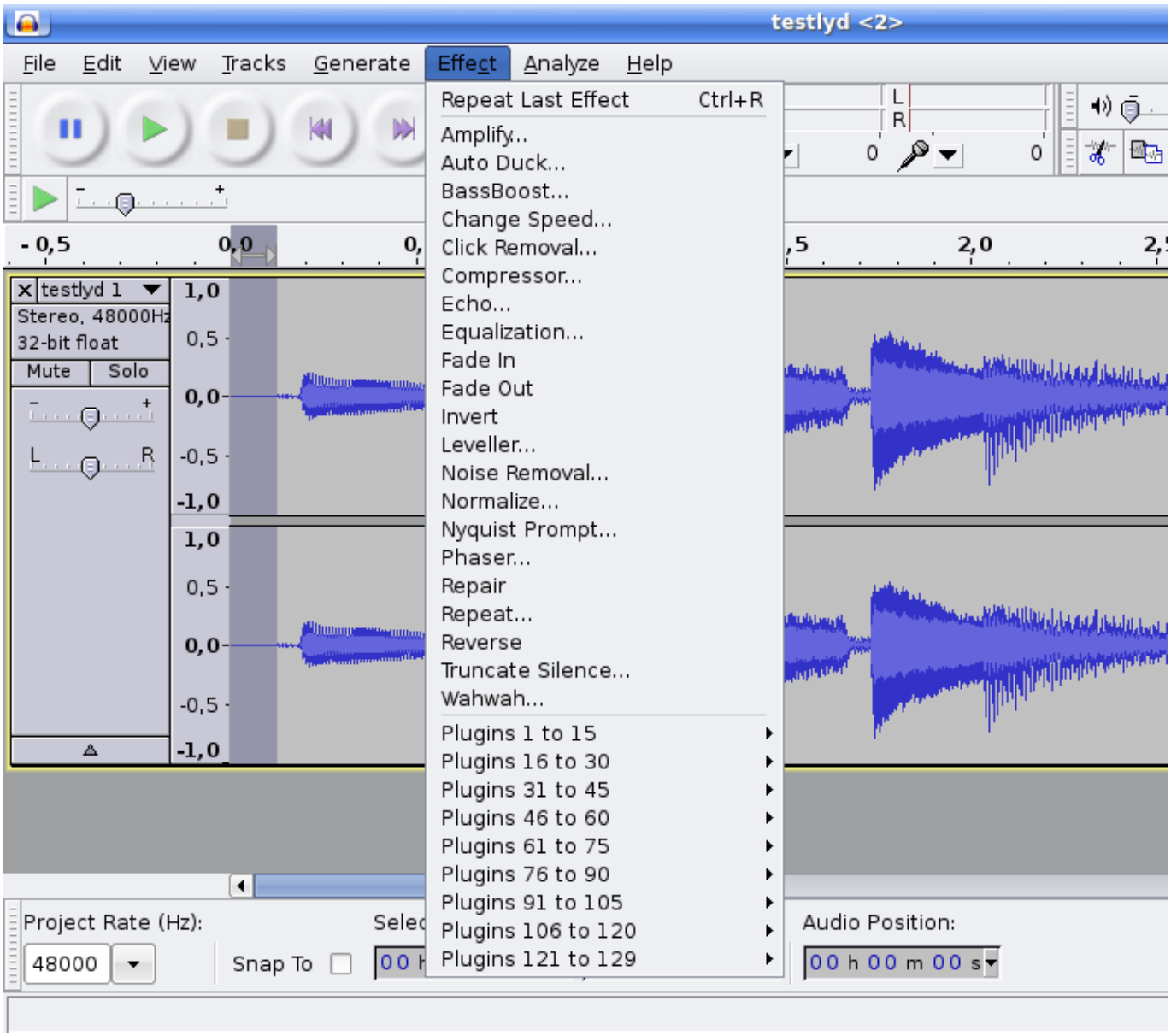
1. まずズームアウトして録音全体が見えるようにします。



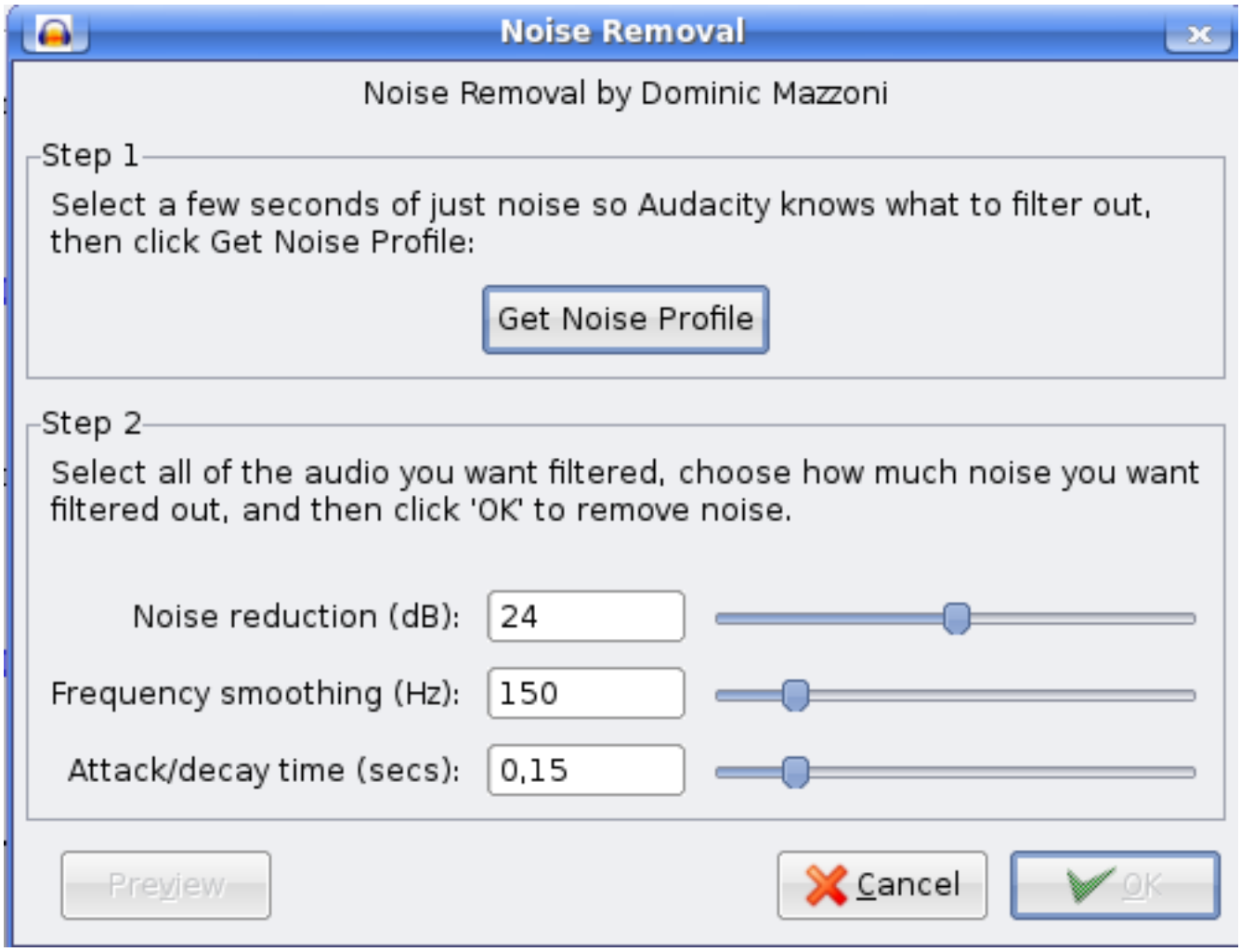
2. 次にノイズ部位をマークします。マウスの左ボタンを押し続けて、ドラッグして部位を選択します。



3. 次に「ノイズ除去」を選びます。



そして「ノイズプロフィール」を作成します。



5. CTRL + A で全体を選択し、メニューからノイズ除去を再度選んで、OK を押します。

反響音などを除去したいなど、その他のエフェクトを利用するには、インストール時に推奨したプラグインたちをメニューから探してみてください。

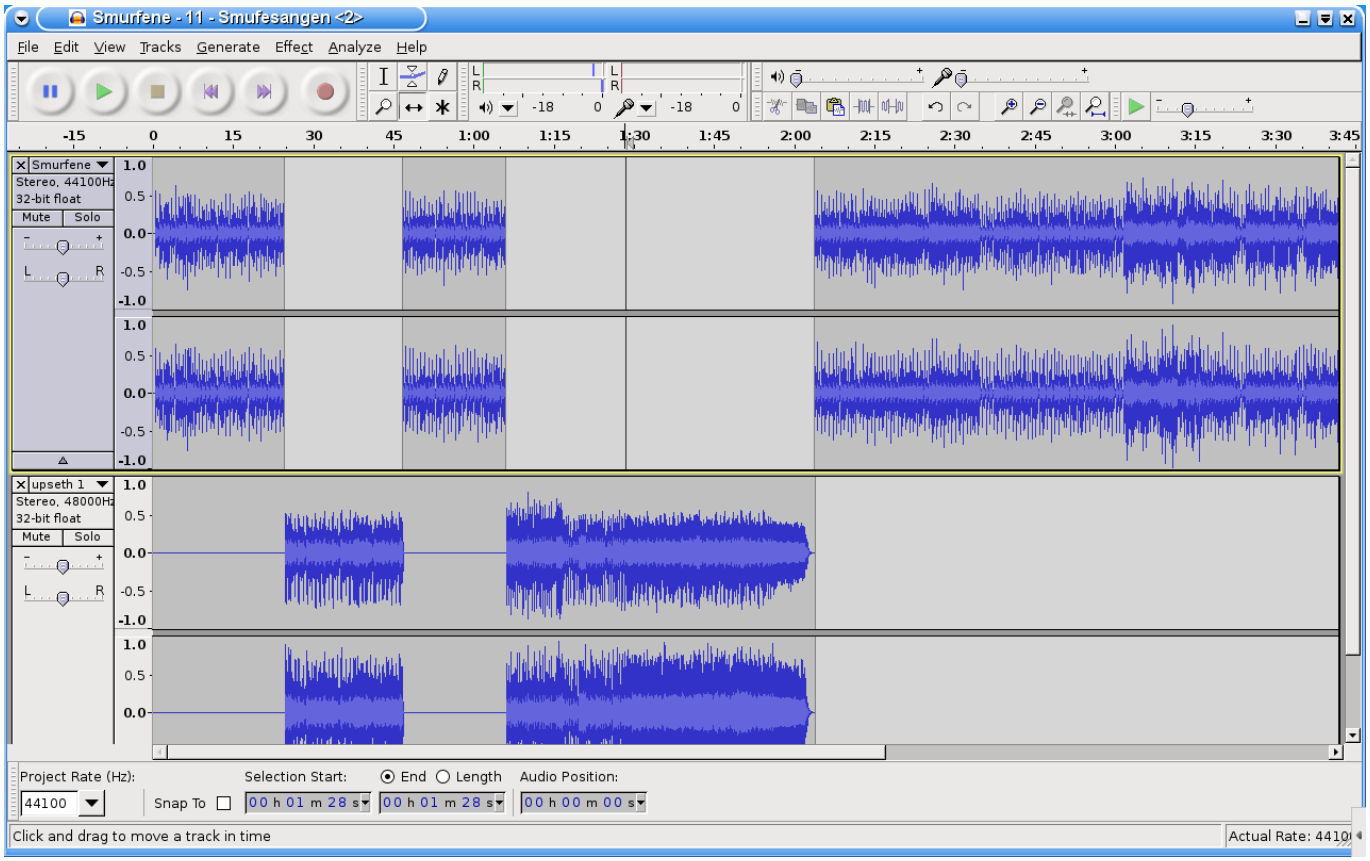
作成した録音データの保存には WAV、AIFF、MP3、OGG、FLAC 形式が利用できます。ファイルメニューで選択してください。

4 音声のインポート

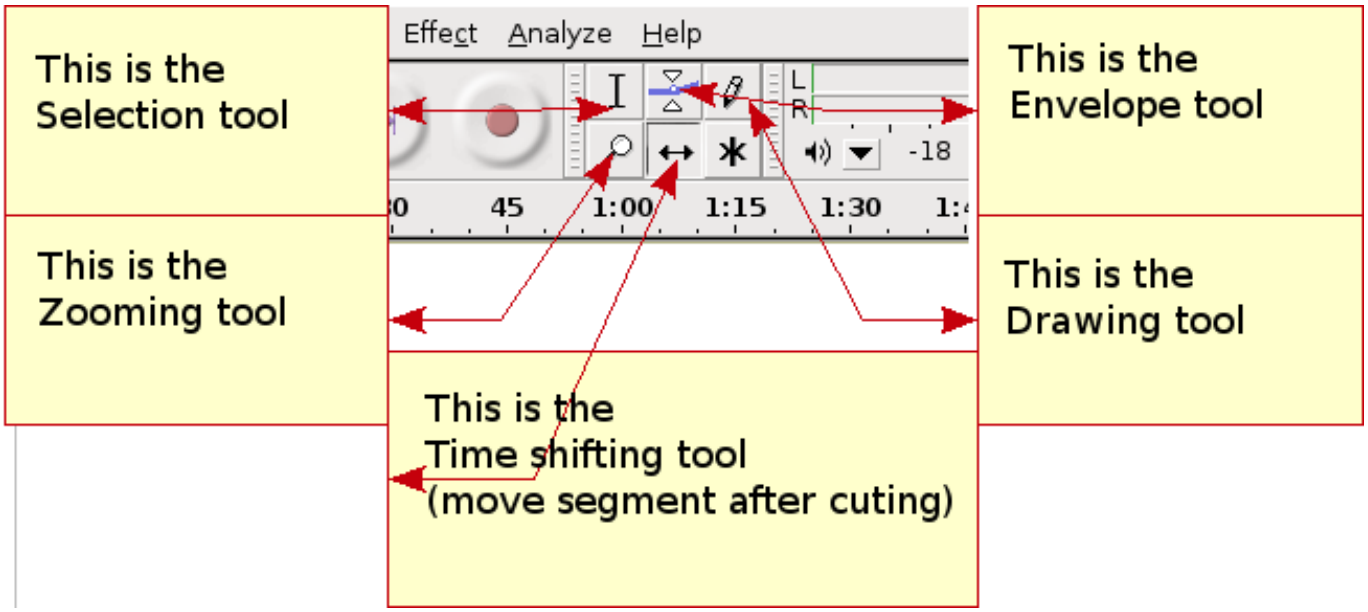
Audacity を用いれば様々な形式の音声をインポートできます。音声入力、MIDI、レコードレーベル、それに生の波形データなどからインポートできますし、MP3 ファイルも直接プロジェクトにインポートできますので、複数の曲のミックスも可能です。

試してみましょう。

まず私の十八番の"smurfesangen" を、そして次にミキシングしたいものをインポートしていきます。メニューの「File」から「Import Audio」で追加していけば、トラックが下に追加されていきます。ミキシングはかなり自由で大量にできます。



5 ツールについて

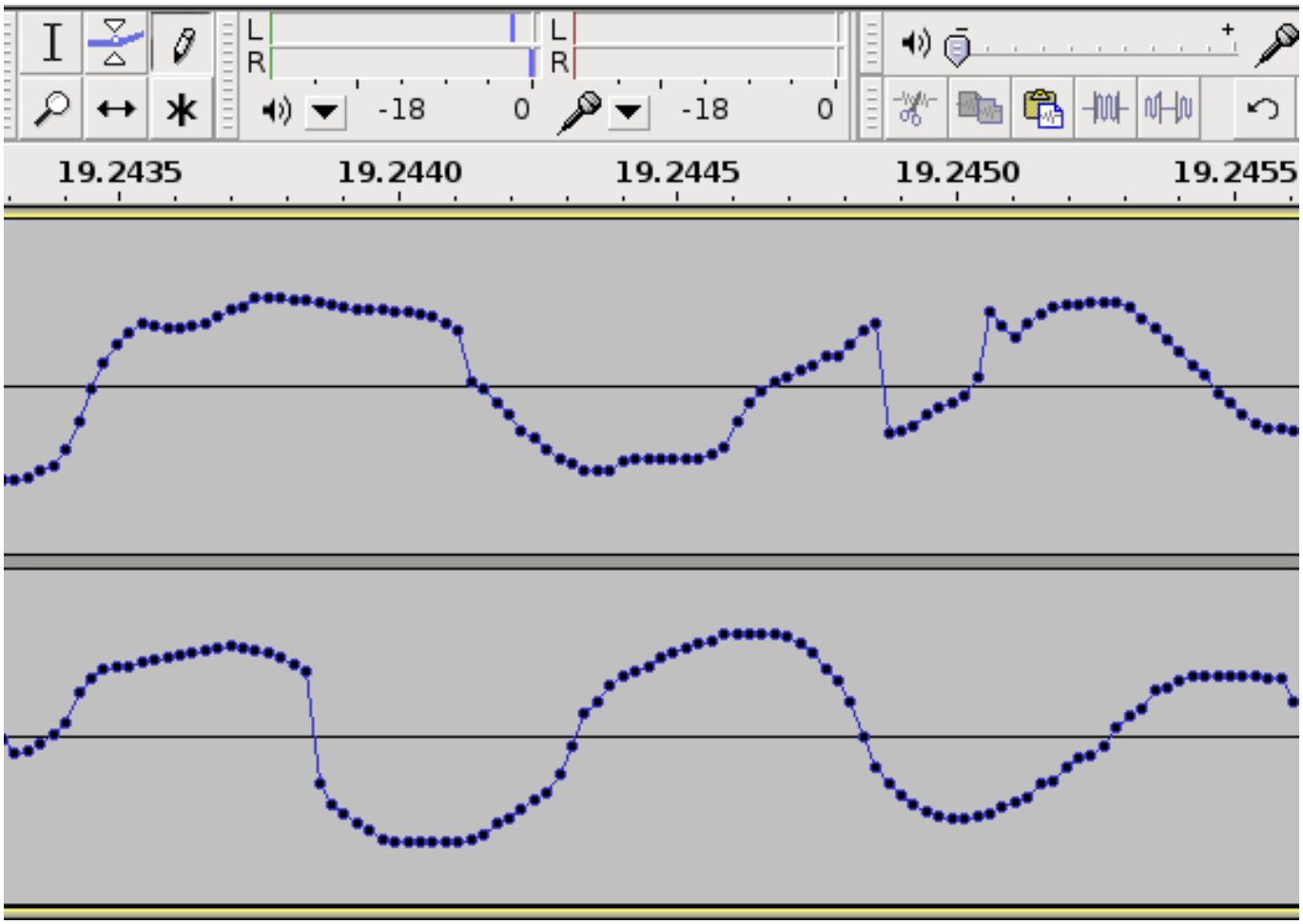


5.1 選択ツール

例えば部分的に音を分割して移動させたい場合などは、まず選択ツールで対象部位を選びます。次に「Ctrl + I」で分割します。そしてタイムシフトツールで対象部位を動かします。

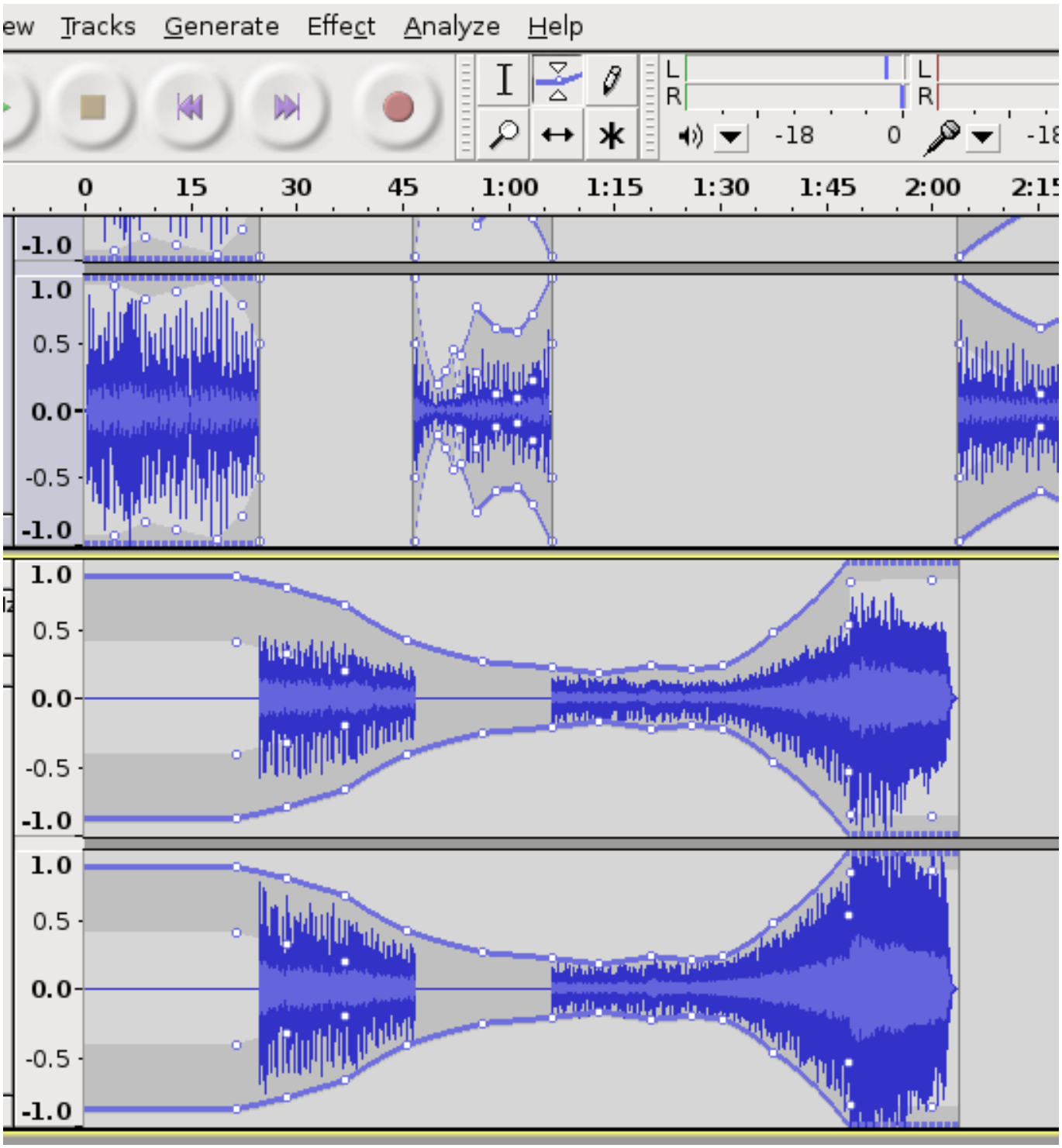
5.2 拡大ツール

拡大ツールを用いれば特定の部位の波形を編集もできます。



5.3 エンベロープツール

エンベロープツールを使えば任意の部位で音量を上げたり下げたりできます。



5.4 タイムシフトツール

特定部位の音を移動させることができます。

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Version 2, June 1991

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