Handleiding van Debian Edu / Skolelinux voor Audacity

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1 Handleiding voor audacity

Vertaling:
2014, 2018-2020 Frans Spiesschaert

Deze handleiding voor audacity is gebaseerd op versie 1.2.4b-2.1+b1 uit de uitgave Debian Edu Etch 3.0.

De versie op http://wiki.debian.org/DebianEdu/Documentation/Manuals/Audacity is een wiki en wordt regelmatig bijgewerkt.

Vertalingen maken deel uit van het pakket debian-edu-doc, dat op een webserver kan geïnstalleerd worden, en ook online beschikbaar is.

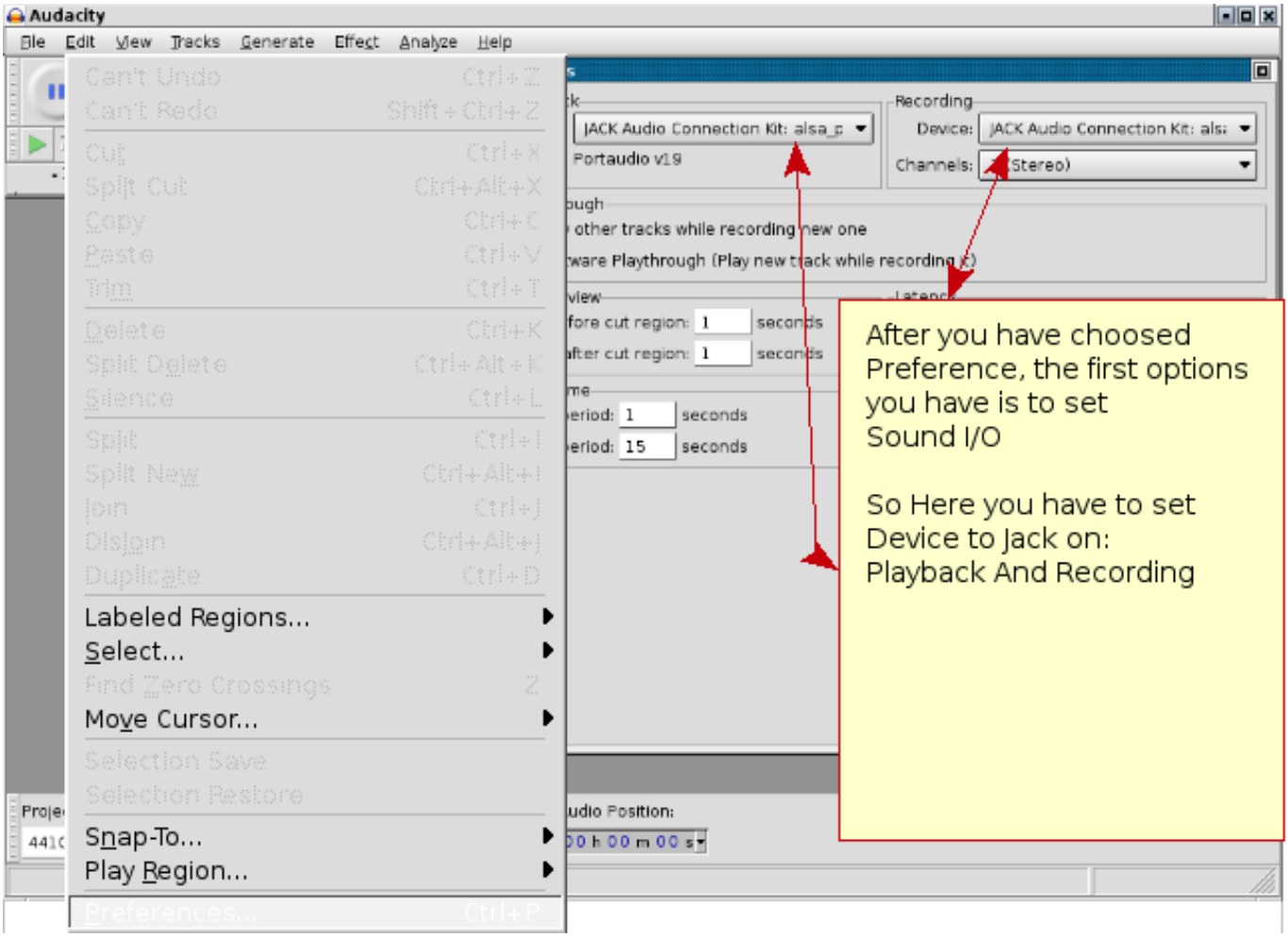
2 Vooraleer u begint

Audacity instellen is niet moeilijk. U moet Audacity instellen om JACK te gebruiken. Dit maakt het mogelijk om gelijktijdig ook andere programma's te gebruiken die met geluid werken. De handleiding voor het instellen van JACK, zodat dit vlot werkt, vindt u hier:

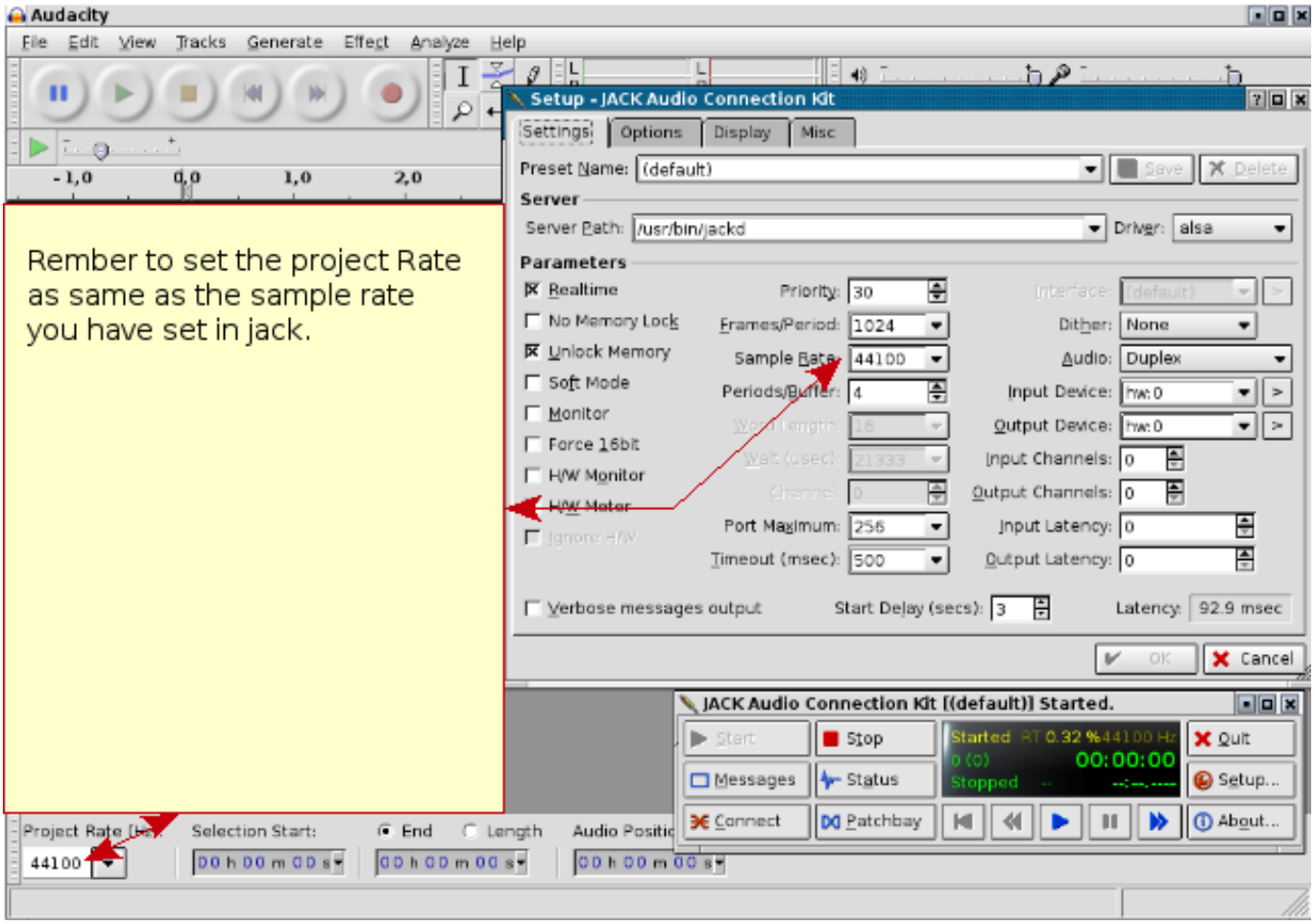
http://wiki.debian.org/DebianEdu/Documentation/Manuals/Rosegarden/Setup

Ik maakte gebruik van Audacity 1.3.3-Beta toen ik deze handleiding schreef.

Om in te stellen dat Audacity jack moet gebruiken kiest u in het menu --> Bewerken ---> Voorkeuren.



Het volgende waarvan u zich bewust moet zijn is het feit dat de frequentie van het project identiek moet zijn aan de bemonsteringsfrequentie die u in Jack ingesteld hebt



2.1 Invoegtoepassingen (plug-ins)

Wellicht wenst u enkele invoegtoepassingen te gebruiken:

** audio-invoegtoepassingen **
swh-invoegtoepassingen
mcp-invoegtoepassingen
terminatorx

fixme: put on some audio plugin you have experience with

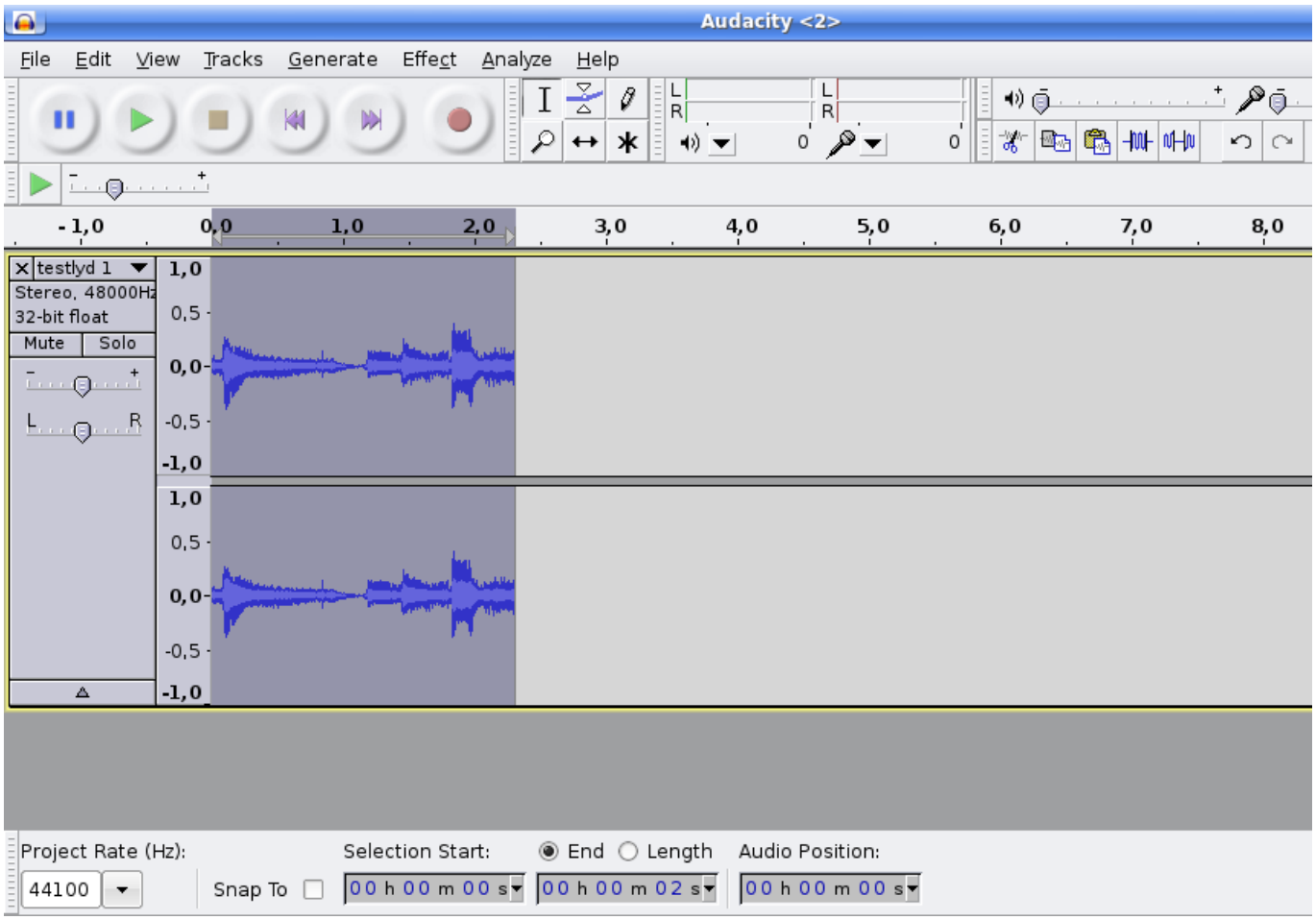
Nu bent u klaar om opnames te maken.

2.2 Waar vind ik audacity?

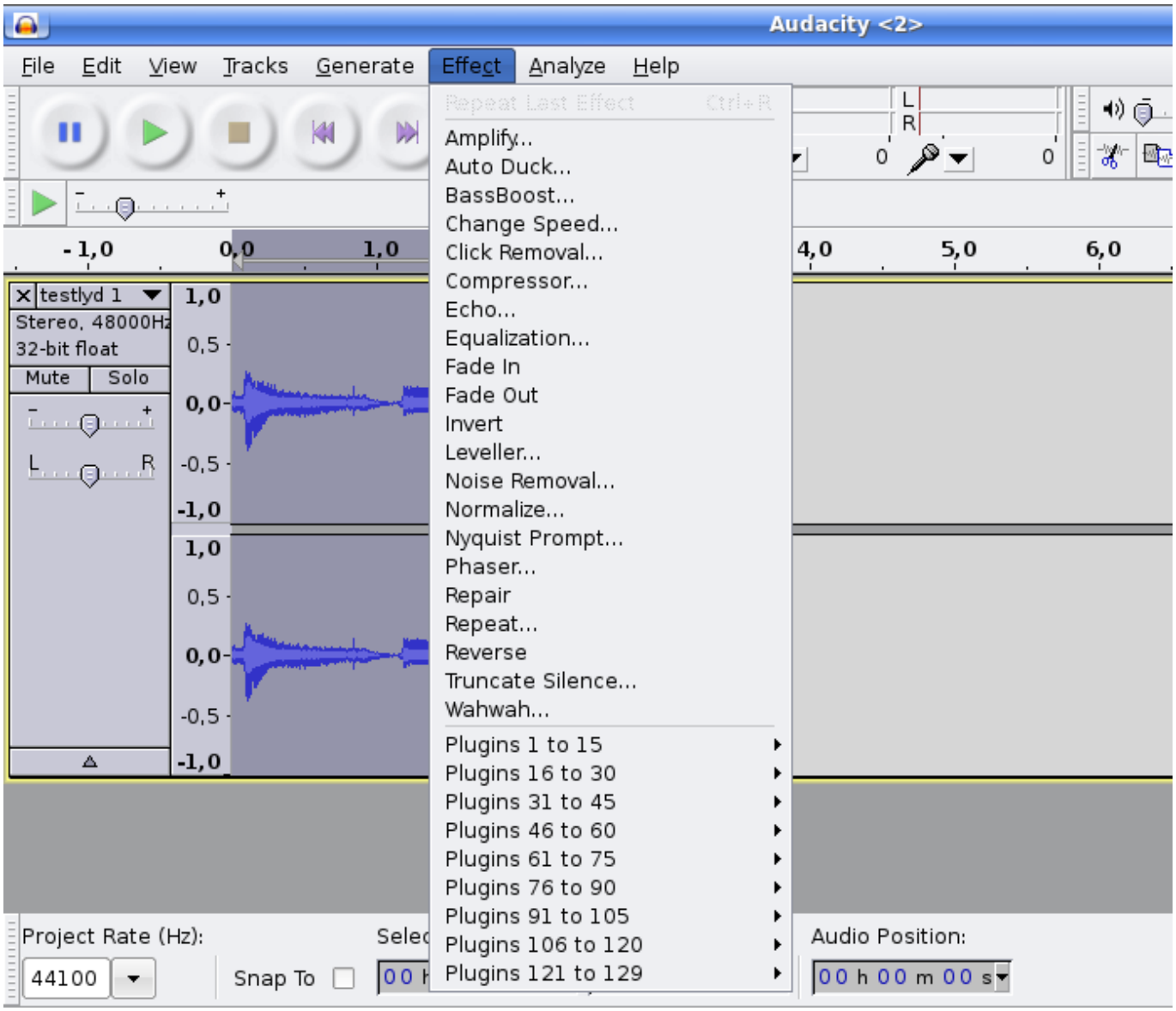
U kunt het gewoon installeren met aptitude. Hier http://audacity.sourceforge.net/ kunt u een kijkje nemen op de startpagina van het project.

3 Een opname maken

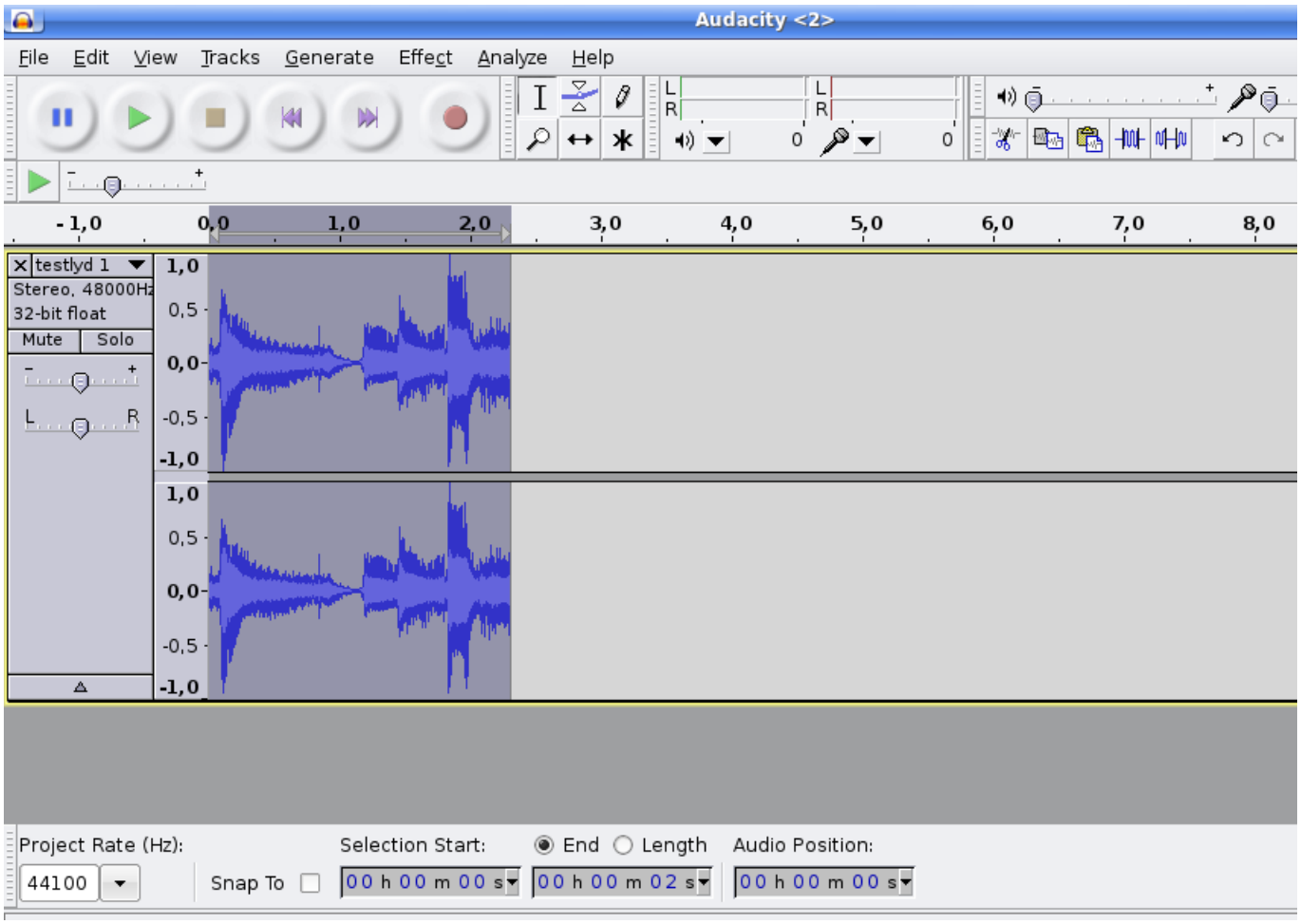
Het eerste waarop u dient te letten bij het maken van een opname, is dat u het opnamevolume niet te luid instelt. Het is beter het volume te laag in te stellen dan te hoog.



Eens de opname gemaakt, kunt u ze normaliseren, zodat het geluidsvolume op de grammofoonplaat automatisch goed ingesteld wordt, zonder het gevaar te lopen dat sommige delen van het geluid overstuurd werden.



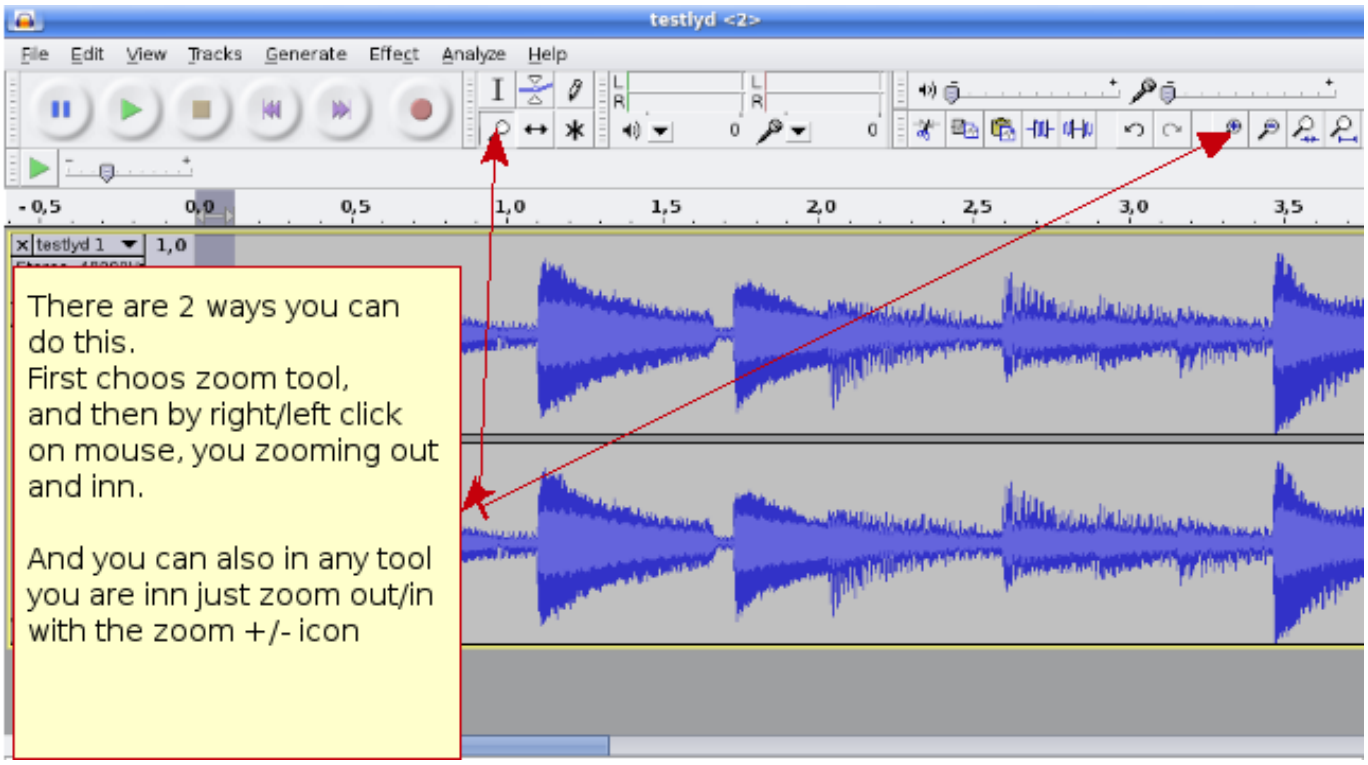
En nadat u het opnamesegment genormaliseerd heeft, ziet het er zo uit:



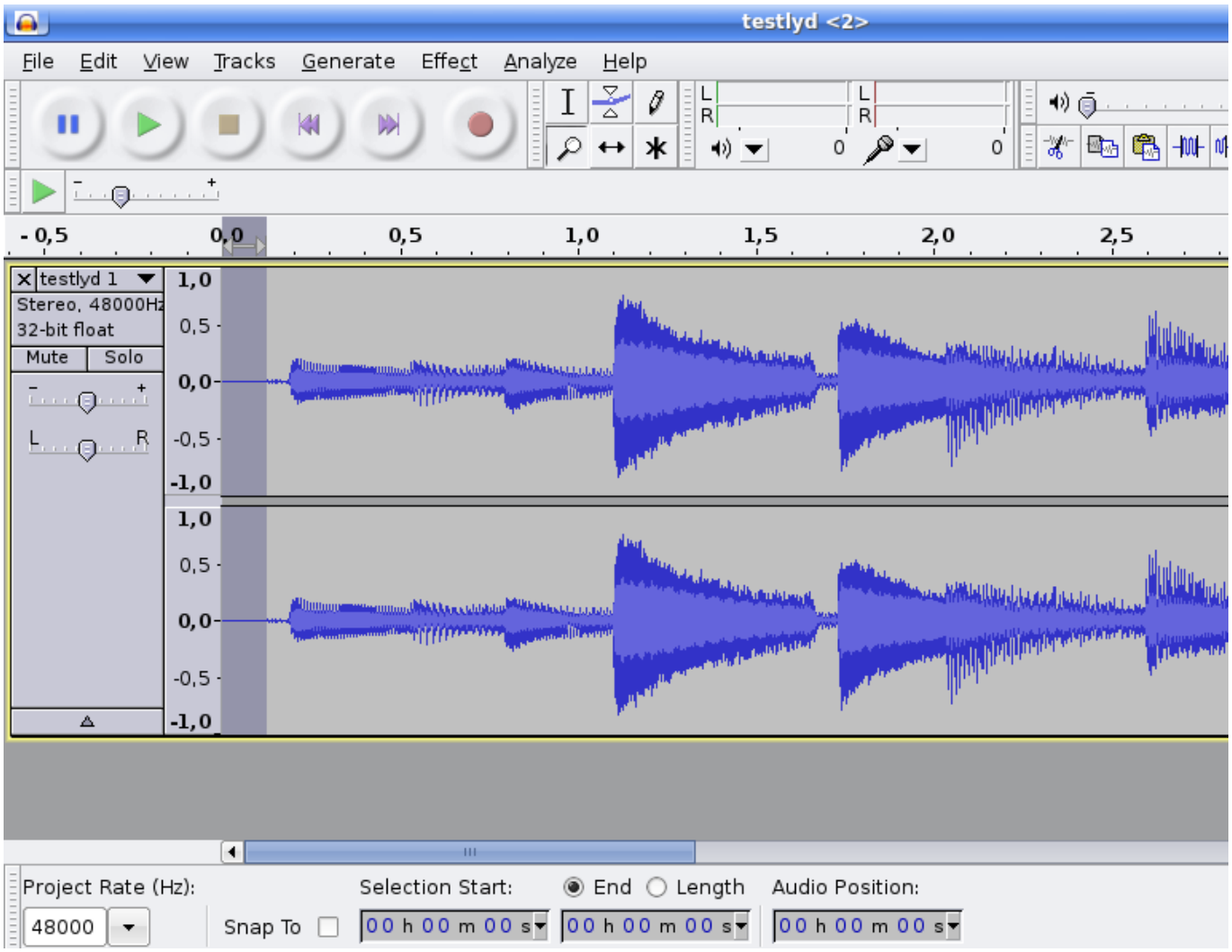
Het volume van dit segment van de opname is nu gecorrigeerd. Dit is een werkwijze die meer zekerheid biedt dat de opname die u maakt niet overstuurd wordt: het volume instellen op 'Low' en audacity dit volume nadien laten bijstellen.

Nu willen we ruis uit de opname verwijderen. Het kan bijvoorbeeld gebeuren dat uw microfoon wat achtergrondgeluid produceert. Eerst moet u een "ruisprofielöpmaken van wat u uit het opgenomen segment wenst te verwijderen.

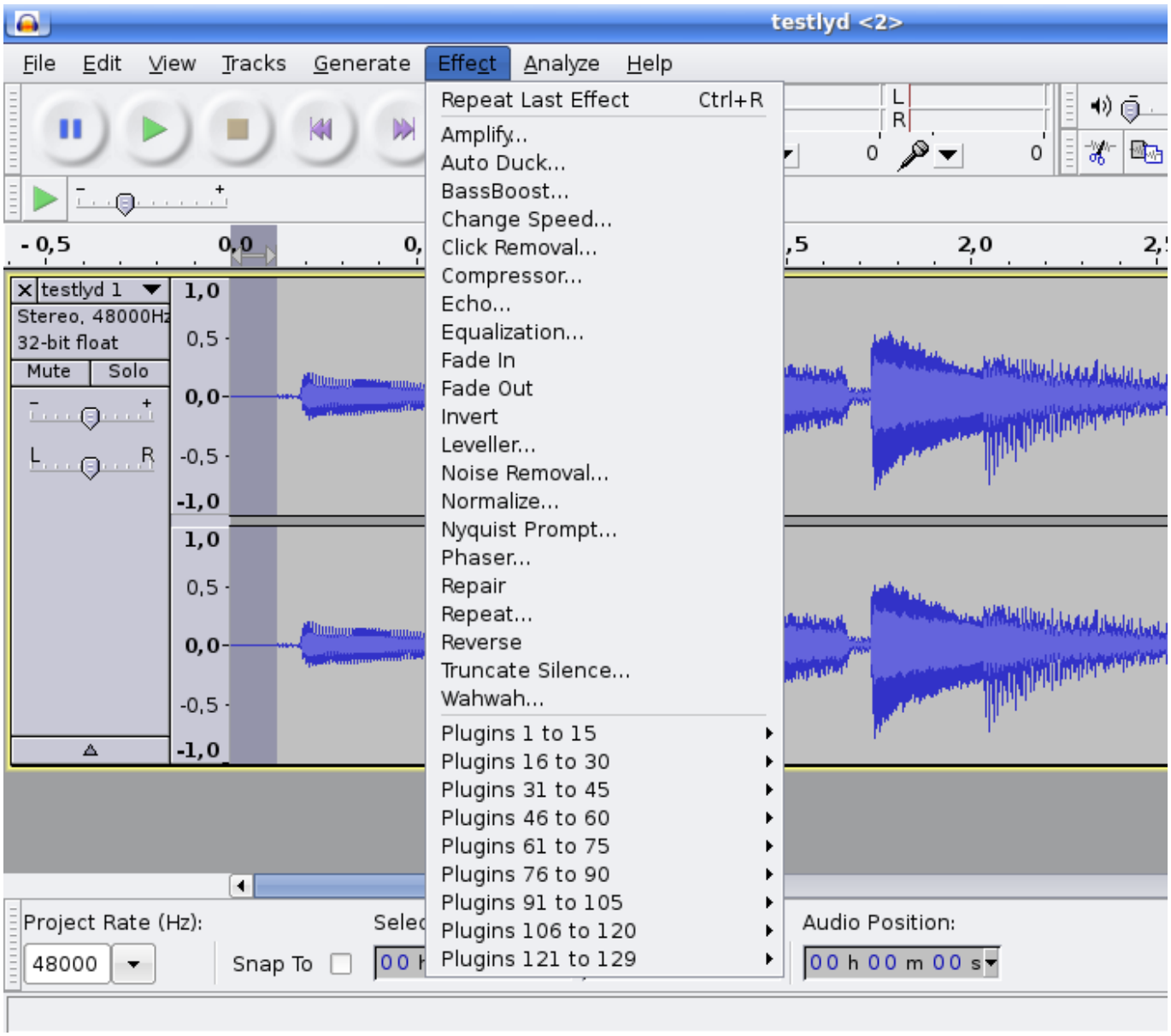
1. Zoom vooreerst uit, zodat u een beter zicht krijgt op de opname.



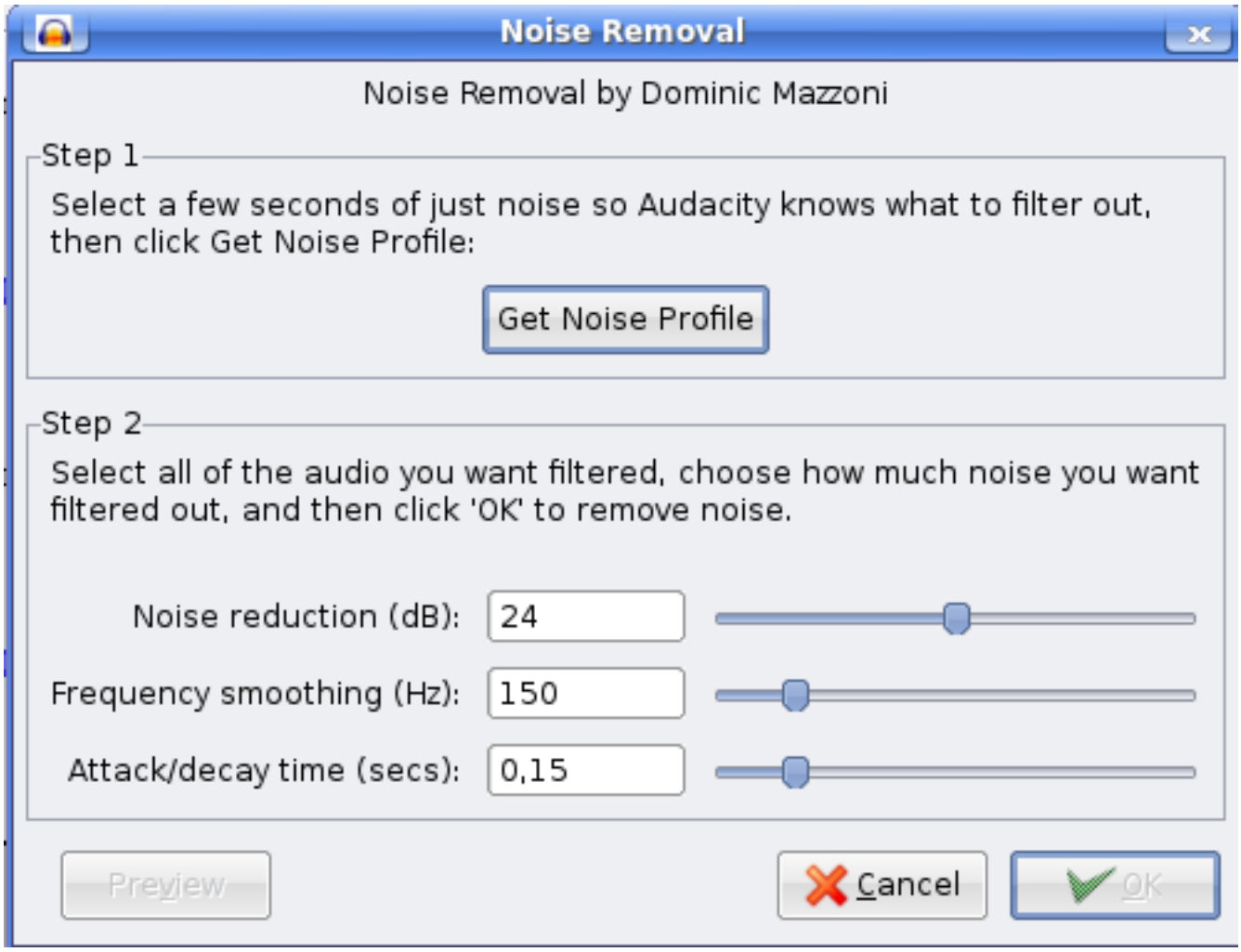
2. Markeer vervolgens het stukje dat u als profiel wilt. Klik met de linkermuisknop en houdt die ingedrukt terwijl u de muis over het geluidssegment sleept dat u voor het profiel wilt gebruiken.



3. Duidt vervolgens "ruisonderdrukking"(Noise removal) aan als gewenste keuze.



4. Maak vervolgens het "ruisprofieläan.



5. Selecteer tenslotte het volledige opnamefragment met CTRL + A en kies in het menu opnieuw voor ruisonderdrukking, maar klik deze keer op OK.

Indien u nu galm wenst toe te voegen aan uw geluidsfragment of andere leuke geluidseffecten, kiest u die uit het uitgebreide menu waarover u kunt beschikken als u de invoegtoepassingen heeft geïnstalleerd die ik u aanraadde.

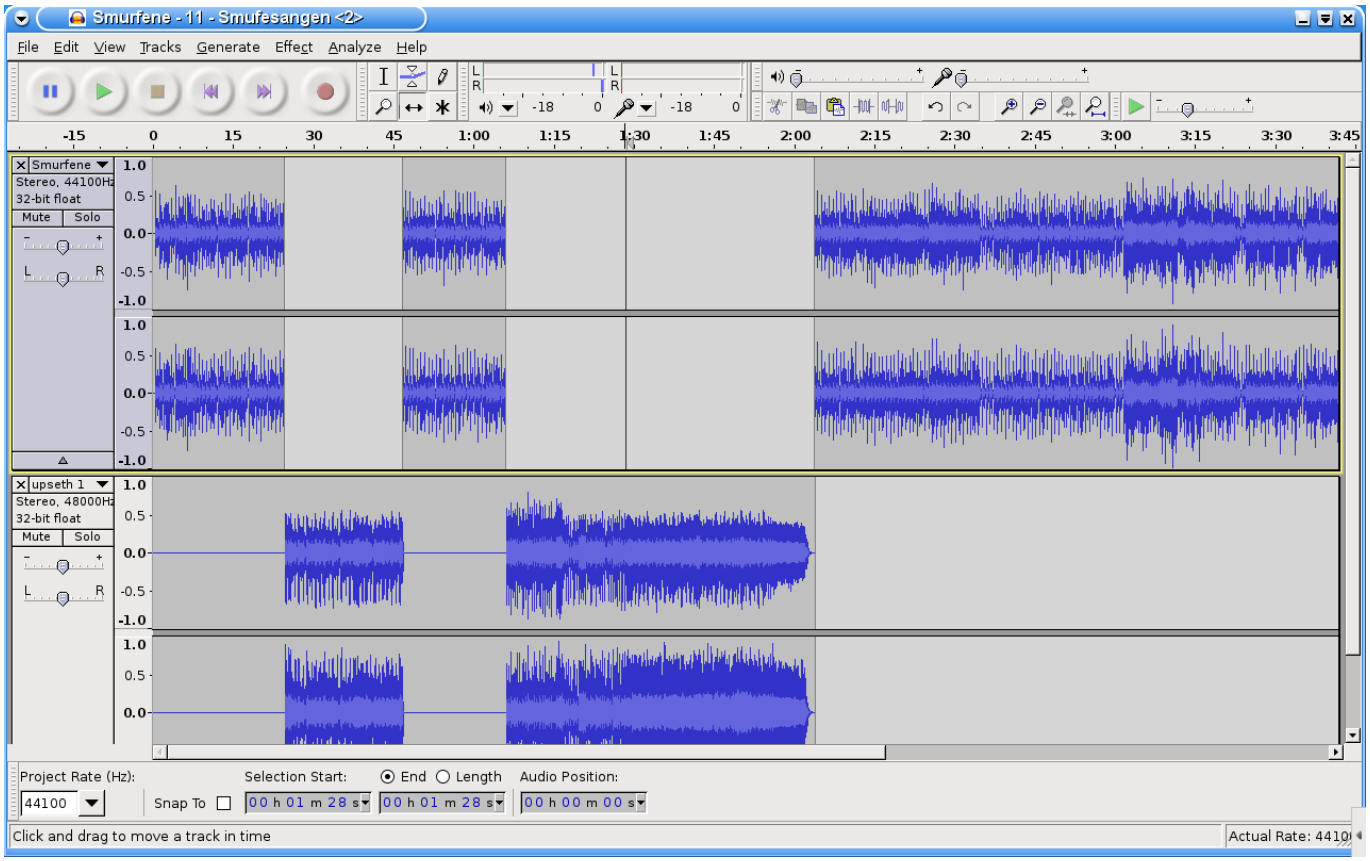
U kunt het afgewerkte resultaat exporteren in verschillende formaten: WAV, AIFF MP3, OGG, FLAC. Klik op ëxporterenïn het menu "bestand".

4 Geluid importeren

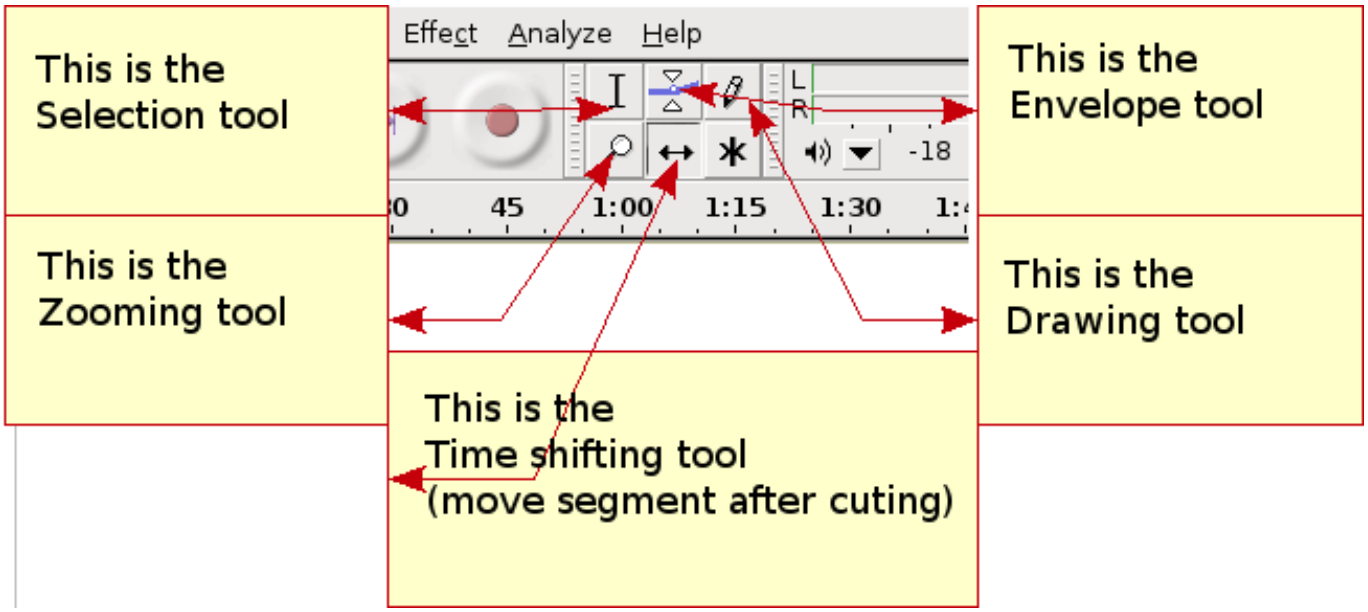
Met audacity kunt u de gebruikelijke verscheidenheid van audioformaten importeren: audio, MIDI, metadata, ruw materiaal. U kunt ook mp3-bestanden rechtstreeks in het project importeren, zodat u in audacity verschillende liedjes kunt samenvoegen.

Een voorbeeld.

Veronderstel dat we het "smurfenlied"nemen als basislied. Vervolgens kunt u een ander lied importeren om ze te mixen. Kies daarvoor gewoon in het menu > > bestand > > audiobestand importeren. Het geïmporteerde audiobestand komt nu onder het oorspronkelijke audiobestand te staan. De mogelijkheden om nu te gaan mixen zijn enorm.



5 Sectie hulpmiddelen

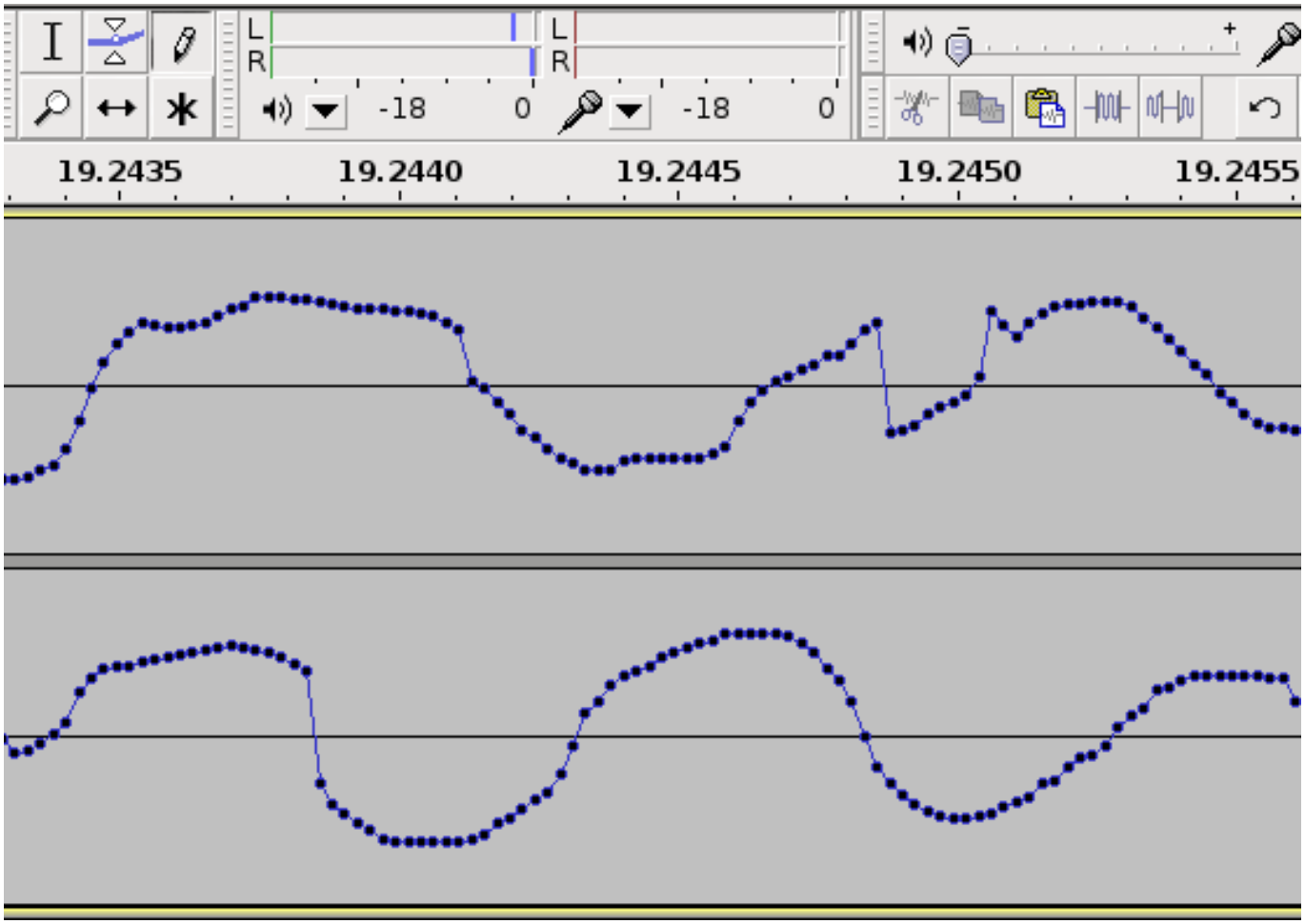


5.1 Selectiegereedschap

Om een audiofragment te kunnen afsplitsen en verplaatsen, moet u eerst met het selectiegereedschap aangeven waar u het wenst door te knippen. Splits het daarna met Ctrl+I. Daarna kunt u het fragment verplaatsen met het time-shiftgereedschap.

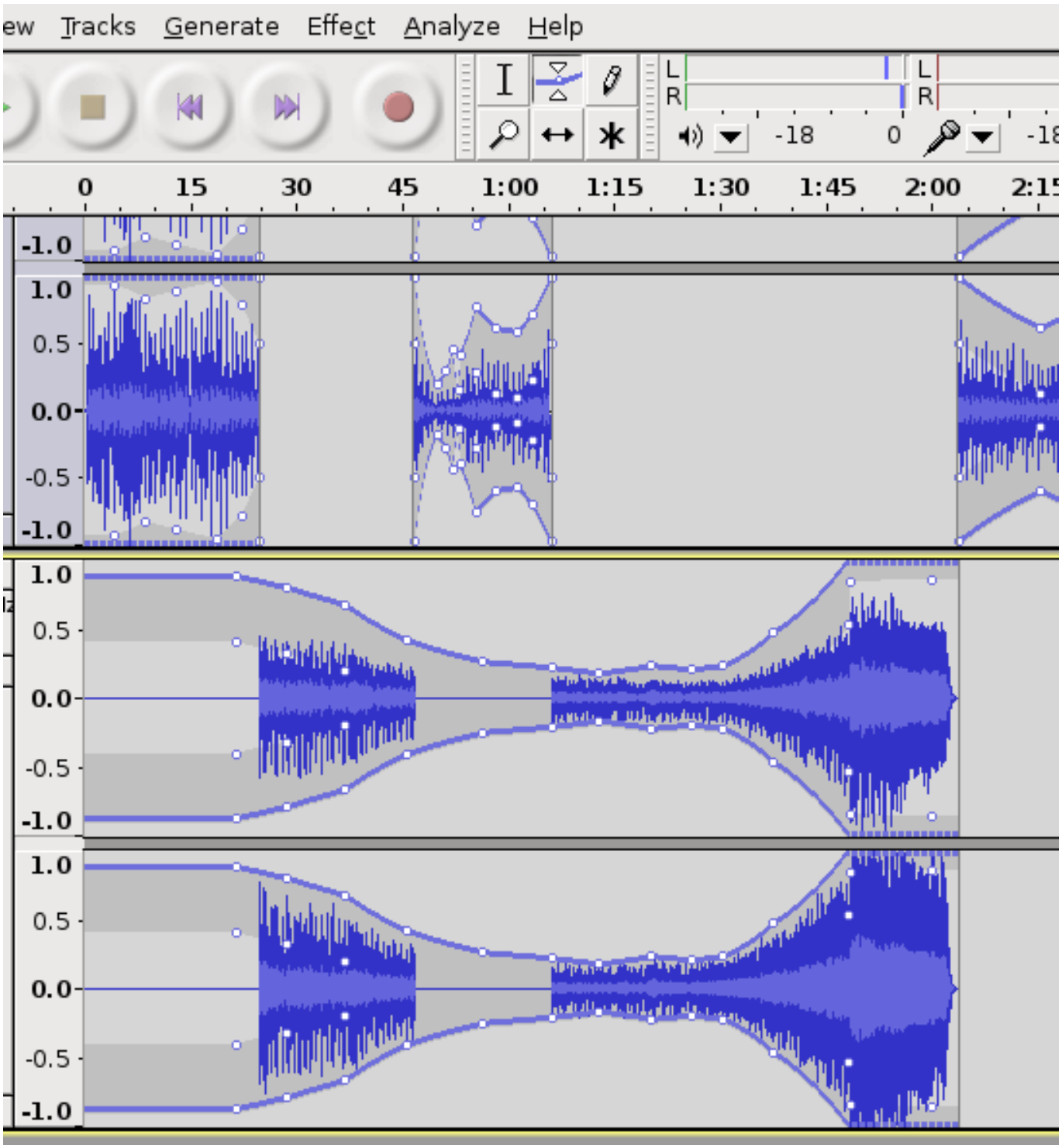
5.2 Zoomgereedschap

Met het zoomgereedschap kunt u inzoomen op een audiofragment en het dan bijwerken met het gereedschap om retouches te maken.



5.3 Het omhullende-werktuig

Met behulp van het verloopgereedschap kunt u waar ook in het fragment het geluidsvolume versterken of verminderen



5.4 Time-shiftgereedschap

met dit gereedschap kunt u uw audiofragmenten verplaatsen.

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