

*** For Windows users ***

For those of you who are not familiar with command-line operations, here is how to use the sox program from a computer running a Windows operating system.

1. Download sox-14.4.0-win32.exe executable file from <http://sourceforge.net/projects/sox> (the website should detect the download appropriate for your system).

2. Once the executable file is finished downloading, it may automatically start the installation program or you might have to click the executable file to start the installation program.

3. The installation program will give you a choice of components to install. The component "sox-14.4.0" should be checked. Click "Next".

4. Select a folder where the sox program will be installed, hereafter referred to as the "sox folder". The default is "c:\sox-14-4-0" or on Windows 7, "c:\Program Files (x86)\sox-14-4-0".

5. From the Windows menu: click Start -> All Programs -> Accessories -> Command Prompt. A command line window with the title "Command Prompt" should pop up.

6. In Command Prompt window, type: `cd <sox folder>` (use quotes if there is a space in the name)

e.g. `cd "c:\Program Files (x86)\sox-14-4-0"`

7. Copy secret.wav from the homework webpage into the sox folder

8. In Command Prompt window: (with the sound file you wish to convert in the sox folder as well), type

`sox secret.wav secret.dat`

9. Now you should see the converted file secret.dat in the sox folder.

*** For Mac users ***

1. Download sox-14.4.0-macosx.zip from <http://sourceforge.net/projects/sox> (the website should detect the download appropriate for your system).

2. Unzip the file and remember the location of that folder. (To get the location, right-click on the folder, and choose "Get Info". Look for "Where:". What appears after is the location of the folder, e.g. "/Users/alice/sox-14-4-0".)

3. Open Terminal.

4. In Terminal, type: `cd <sox folder>` (use quotes if there is a space in the name)

e.g. `cd /Users/alice/sox-14-4-0`
(this folder has no spaces, so no quotes are necessary)

7. Copy `secret.wav` from the homework webpage into the sox folder

8. In Terminal: (with the sound file you wish to convert in the sox folder as well), type

`./sox secret.wav secret.dat`

9. Now you should see the converted file `secret.dat` in the sox folder.

FAQ:

I am getting an error reading " 'sox' is not recognized as an internal or external command, operable program or batch file. "

Answer:

Try downloading *sox-14.4.2-win32.zip* instead of the installer. Create a new folder `c:\sox\` and extract all of the files directly into that folder. Also place *secret.wav* into that folder.

In the command line type

```
cd c:\sox
sox secret.wav secret.dat
```

With any luck, you should see the file `secret.dat` show up in the `C:\sox` folder.

<https://sourceforge.net/projects/sox/files/sox/14.4.2/> (Links to an external site.)
[Links to an external site.](#)