Black Rail FoxPro NX4 game caller programming
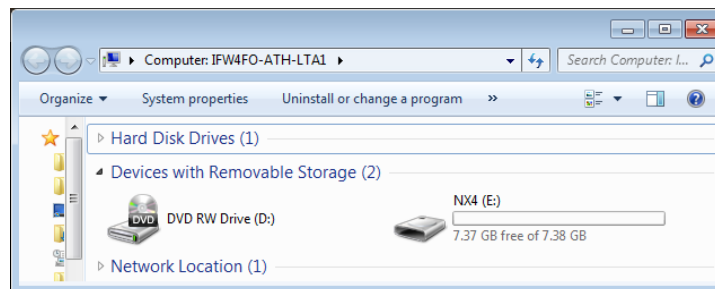
Adam Smith, USFWS Southeast Inventory and Monitoring (adam_d_smith@fws.gov)

29 January, 2019

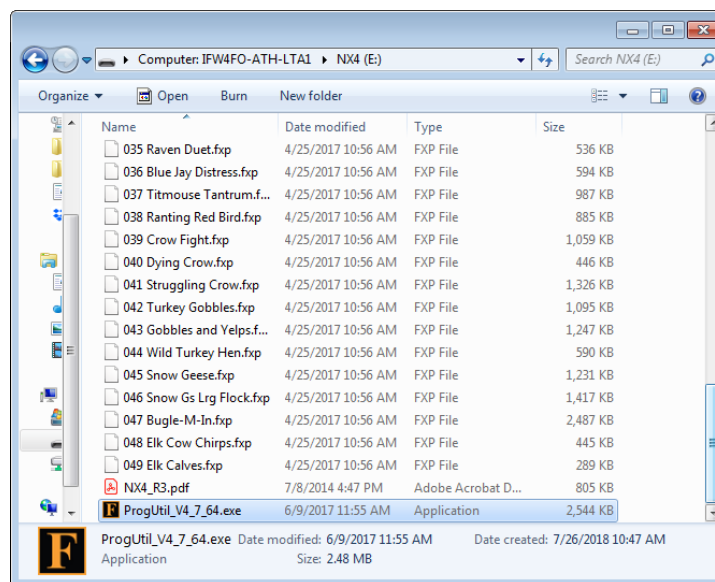These instructions apply specifically to computers running a Windows OS.

1. **Connect the FoxPro NX4 to the computer via USB cable.**

   a. This requires an USB 2.0 A/B cable, which may have come with the FoxPro.
   b. After some driver installation, the NX4 should show up as a removable storage device in File Explorer. Open the device.

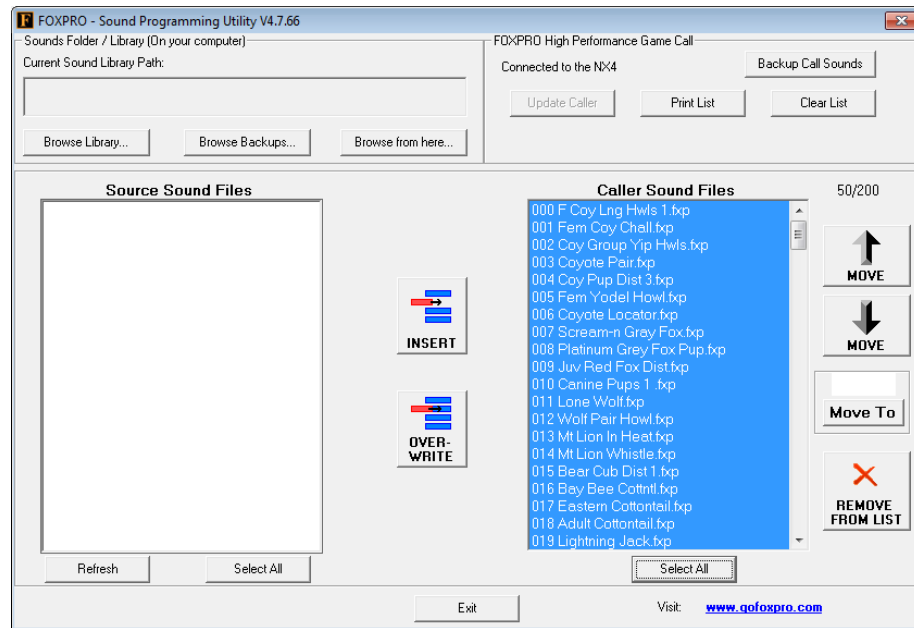2. **Open the FoxPro Sound Programming Utility software.**

   a. The NX4 ships with a version of the software, which you can access by opening the `NX4` device in File Explorer. You may need to scroll below all the included audio files. It will be named along the lines of `ProgUtil4_7_64.exe`. Double-click this file to open the software.

   b. If you want the most up-to-date software version, or if the software is missing, it is freely available for Windows or Mac.
   c. Ignore any request to back up the sounds on your caller.
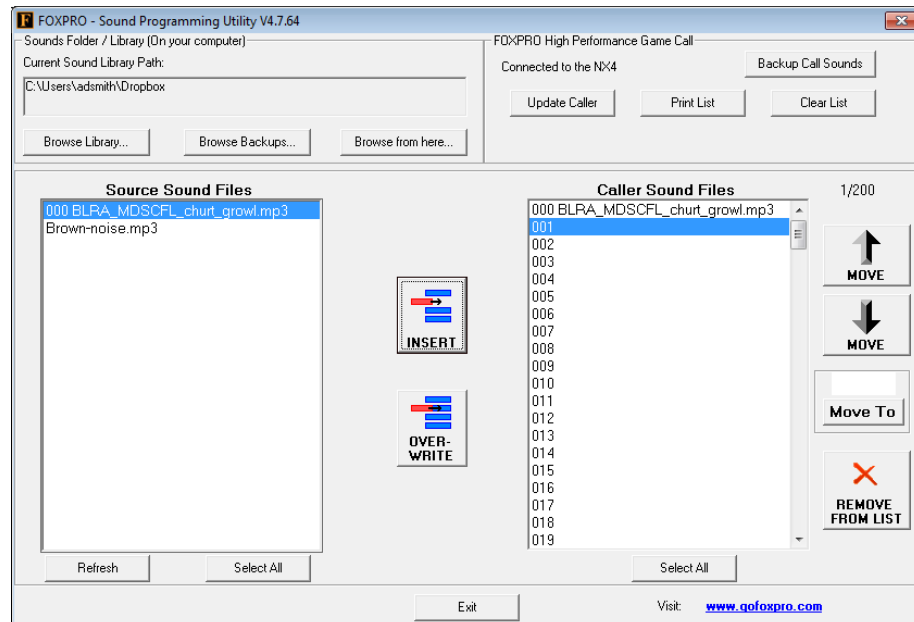
3. **Remove any unwanted sounds on the NX4.**

a. The NX4 typically ships with a library of 50 game calls, displayed in the `Caller Sound Files` window of the software programming interface. Press the `Select All` button below this window to select all the audio files on the NX4.
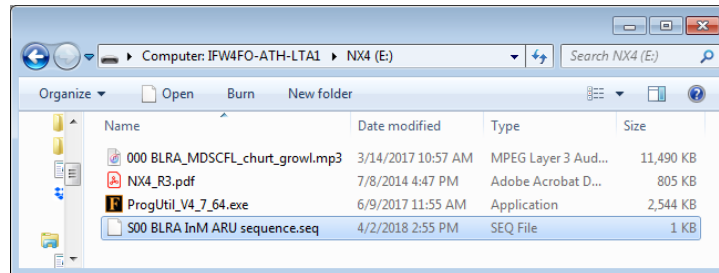

b. Click the `REMOVE FROM LIST` button to the right of the window.

4. **Add the Black Rail broadcast sequence audio file to the NX4.**

a. Click the `Browse Library` button near the top left of the interface.
b. Browse to the location and open the `000 BLRA_MDSCFL_churt_growl.mp3`, the 12-minute playback created for use with the R4 I&M secretive marshbird surveys (2017-2019).
c. Highlight `000 BLRA_MDSCFL_churt_growl.mp3` in the `Source Sound Files` window.
d. Click the `INSERT` button to the right of this window to copy the file to the `Caller Sound Files` window.

    e. Click the `Update Caller` above the `Caller Sound Files` window. When finished, an `Update Complete` window should notify you of the success or failure of the update.

5. **Close the FoxPro Sound Programming Utility software.**

6. **Return to the `NX4` device in File Explorer (see Step 2).**

7. **Copy the `S00 BLRA InM ARU sequence.seq` file onto the NX4 device.**

    a. This file programs the NX4 to play file `000` (the BLRA broadcast file) one time upon power up.

    b. The device should now resemble the following:

8. **Safely disconnect the NX4 from your computer.**