

ISO Reference Source Code of MPEG-1 Layer I, II and III:

<http://www.mp3-tech.org/programmer/sources/dist10.tgz>

- 1) Download the MP3 code from above link.
- 2) Unzip dist10.tgz.
- 3) Place all the source (the *.c) files in lsf/decode folder to the experiment src directory: (common.c, decode.c, huffman.c, ieeefloat.c, musicout.c, and portableio.c).
- 4) Place all the header (the *.h) files in lsf/decode folder to the experiment inc directory: (common.h, decoder.h, huffman.h, ieeefloat.h, and portableio.h).
- 5) Place all the tables in lsf/decode/tables folder to the experiment tables directory: (1cb0, 1cb1, 1cb2, 1cb4, 1cb5, 1cb6, 1th0, 1th1, 1th2, 1th4, 1th4, 1th6, 2cb0, 2cb1, 2cb2, 2cb4, 2cb5, 2cb6, 2th0, 2th1, 2th2, 2th4, 2th5, 2th6, abstr_0, abstr_1, abstr_2, alloc_0, alloc_1, alloc_3, alloc_4, dewindow, enwindow, and huffdec).
- 6) Build the executable file lsfDec.exe and use the batch file mp3_dec.bat in the experiment data folder to run the MP3 decoder test.
- 7) Play the result MP3 data file using MATLAB.