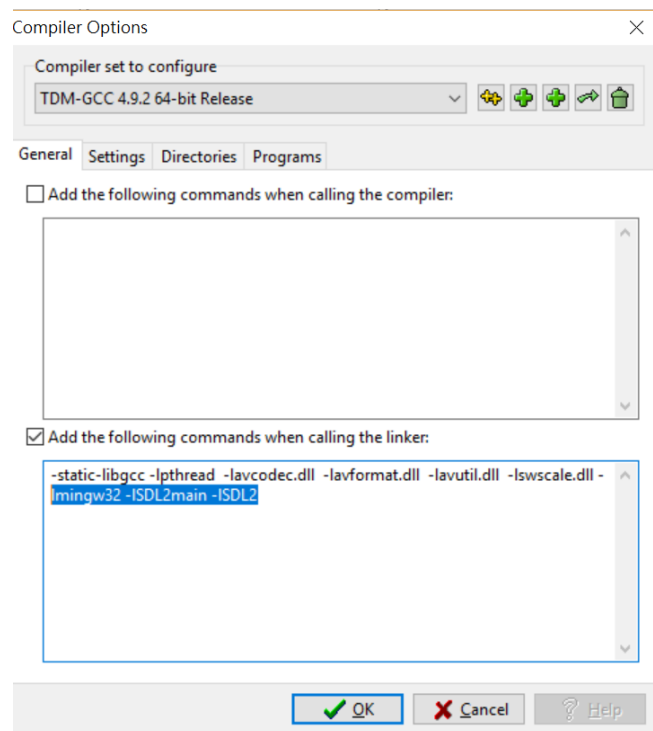


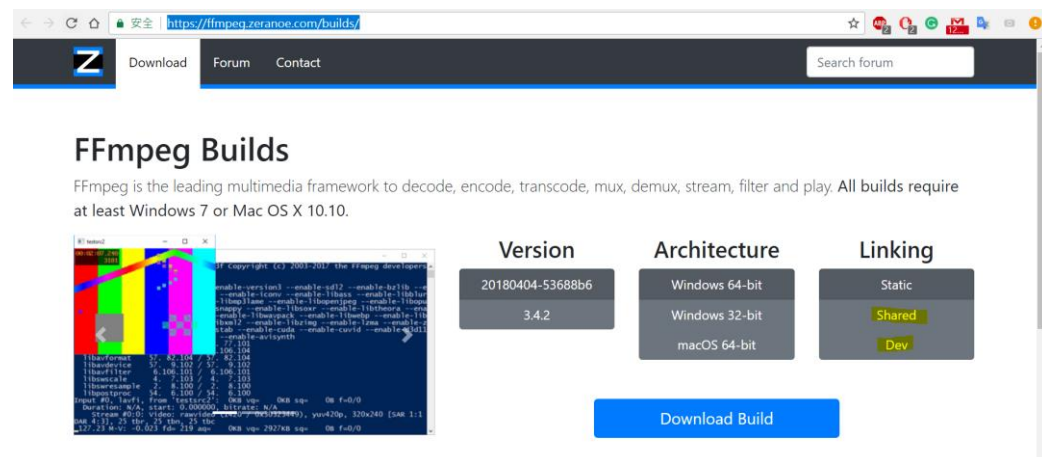
Step1: Setting the DevC++ compiler:

Add: -libgcc -lpthread -lavcodec.dll -lavformat.dll -lavutil.dll -lswscale.dll -lmingw32 -lSDL2main -lSDL2



Step2: First prepare: ffmpeg-20180404

Download the shared and dev



The dev version is for you to include and library in next step.

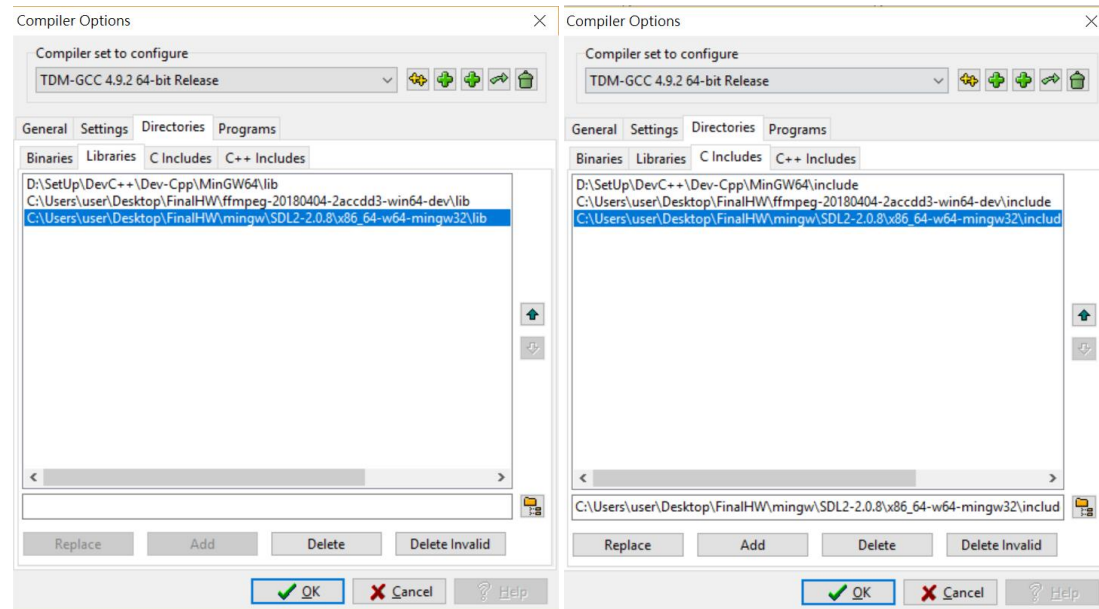
The shared version is for you to take the “dll” file from bin file in next 2 step.

Step3: Add the ffmpeg-20180404 into the Libraries and C Includes

Download: <https://ffmpeg.zeranoe.com/builds/>

Add the SDL 2 (mingw32) into the Libraries and C Includes

Download: <https://www.libsdl.org/download-1.2.php>



If you use official coding <http://dranger.com/ffmpeg/tutorial01.html>

, you need to change the “PIX_FMT_RGB24” to “AV_PIX_FMT_RGB24”

Step4: Make sure all “dll.file” in the same package with the “2PlayerWindow.c” for executing

avcodec-58.dll	2018/4/4 上午 03:33	應用程式擴充	38,829 KB
avutil-56.dll	2018/4/4 上午 03:33	應用程式擴充	637 KB
postproc-55.dll	2018/4/4 上午 03:33	應用程式擴充	124 KB
swresample-3.dll	2018/4/4 上午 03:33	應用程式擴充	369 KB
swscale-5.dll	2018/4/4 上午 03:33	應用程式擴充	526 KB
avdevice-58.dll	2018/4/4 上午 03:33	應用程式擴充	1,427 KB
avfilter-7.dll	2018/4/4 上午 03:33	應用程式擴充	6,829 KB
avformat-58.dll	2018/4/4 上午 03:33	應用程式擴充	5,958 KB
SDL2.dll	2018/3/1 下午 05:38	應用程式擴充	1,303 KB

Step5: Compile and Run the “2PlayerWindow.c”

Generate the “2PlayerWindow.exe” file

Step6: Execute “**2PlayerWindow YourVideoFileName.mp4**”in cmd window

Ex: **2PlayerWindow** kano.mp4

Ex: **2Thread** YourVideoFileName**1**.mp4 YourVideoFileName**2**.mp4

```
命令提示字元
C:\Users\User\Desktop\FinalHW\ffmpeg-tutorial-master>2Player kano.mp4
Input #0, mov,mp4,m4a,3gp,3g2,mj2, from 'kano.mp4':
  Metadata:
    major_brand      : isom
    minor_version    : 512
    compatible_brands: isomiso2avc1mp41
    encoder          : Lavf57.66.102
  Duration: 00:05:17.02, start: 0.000000, bitrate: 1615 kb/s
  Stream #0:0(und): Video: h264 (Main) (avc1 / 0x31637661), yuv420p(tv, bt709), 1280x720 [SAR 1:1 DAR 16:9], 1514 kb/s, 24 fps, 24 tbr, 90k tbn, 48 tbc (default)
  Metadata:
    handler_name      : VideoHandler
  Stream #0:1(eng): Audio: aac (LC) (mp4a / 0x6134706D), 44100 Hz, stereo, fltp, 95 kb/s (default)
  Metadata:
    handler_name      : SoundHandler
^C
C:\Users\User\Desktop\FinalHW\ffmpeg-tutorial-master>2Player kano.mp4
Input #0, mov,mp4,m4a,3gp,3g2,mj2, from 'kano.mp4':
  Metadata:
    major_brand      : isom
    minor_version    : 512
    compatible_brands: isomiso2avc1mp41
    encoder          : Lavf57.66.102
  Duration: 00:05:17.02, start: 0.000000, bitrate: 1615 kb/s
  Stream #0:0(und): Video: h264 (Main) (avc1 / 0x31637661), yuv420p(tv, bt709), 1280x720 [SAR 1:1 DAR 16:9], 1514 kb/s, 24 fps, 24 tbr, 90k tbn, 48 tbc (default)
  Metadata:
    handler_name      : VideoHandler
  Stream #0:1(eng): Audio: aac (LC) (mp4a / 0x6134706D), 44100 Hz, stereo, fltp, 95 kb/s (default)
  Metadata:
    handler_name      : SoundHandler
^C
C:\Users\User\Desktop\FinalHW\ffmpeg-tutorial-master>2Player kano.mp4
```

Step7: Result

