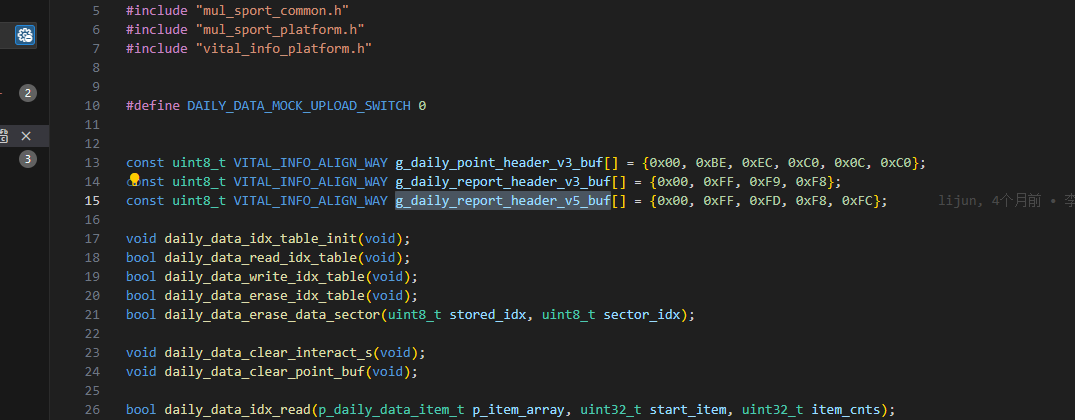
脚本使用指南

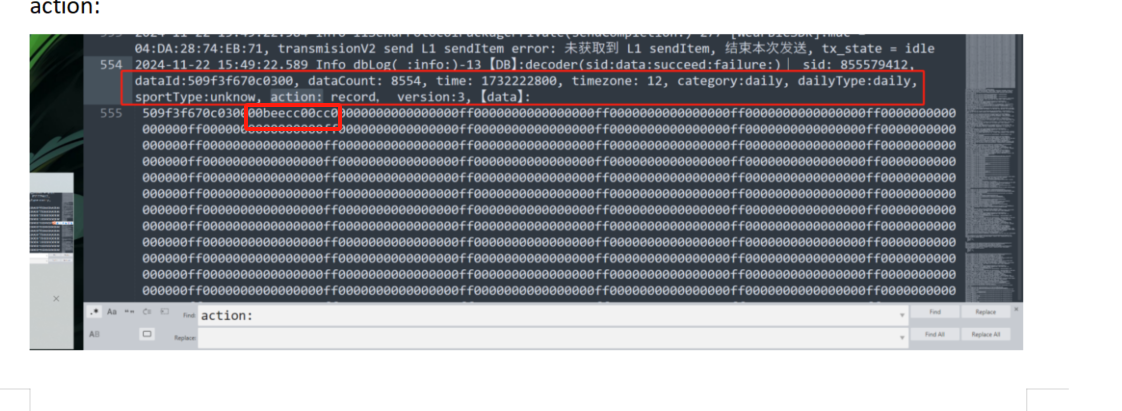
iOS篇

小米打点协议就几种，健康fitness数据就7个字节的header，还有任意字节的有效性存在



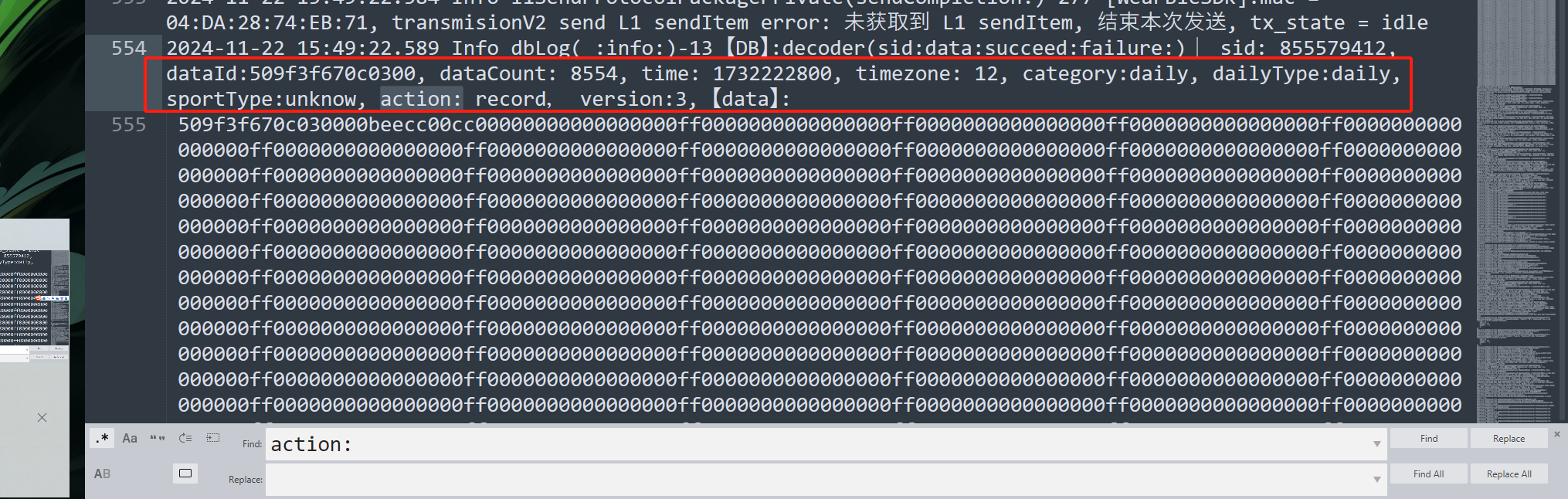


数据有效性就是代码里面的那个header



正好跟原始数据对应上

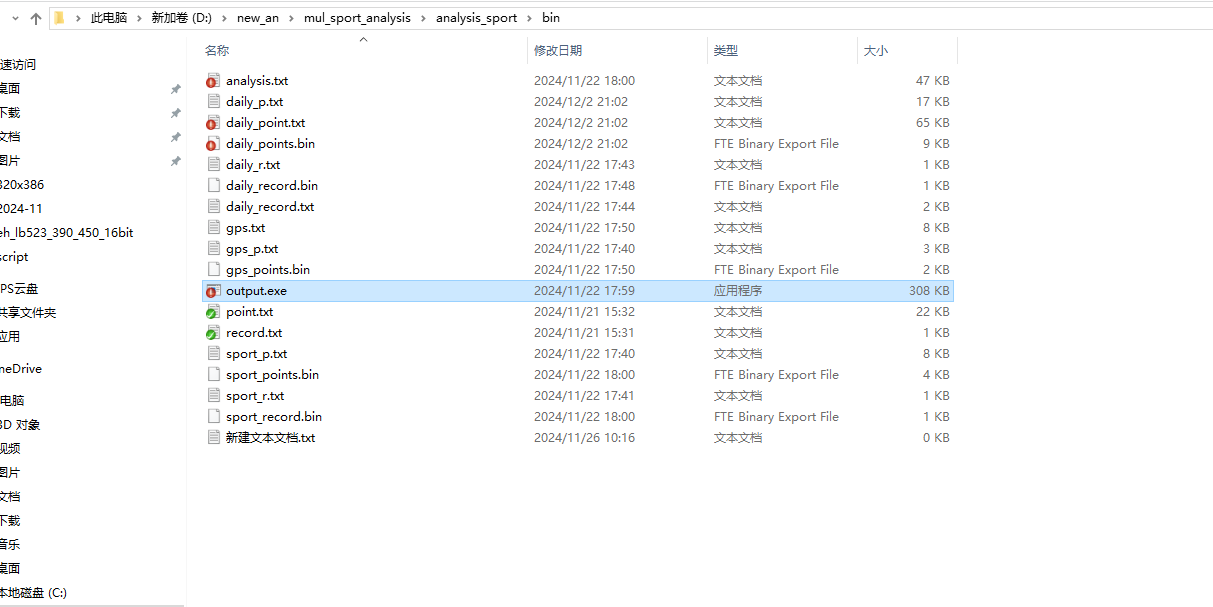
在iOS中，如果我们要查看设备传给app的设备日常打点或者日常报告，在app日志中就搜action:

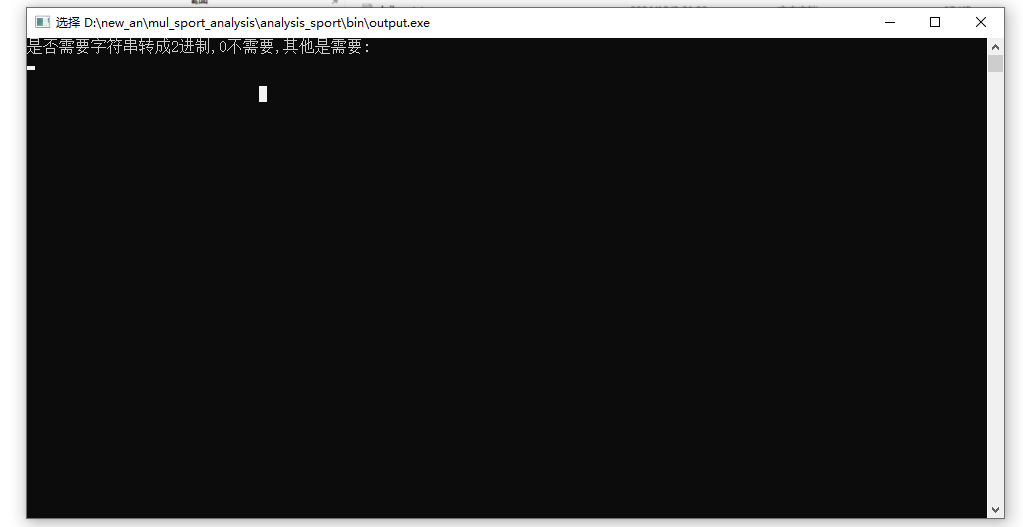


类似于这种解析前七个字节509f3f670c0300分别对应时间戳0x673f9f50->1732222800,时区12,版本V3,查看代码数据有效性，剩下就是打点数据，

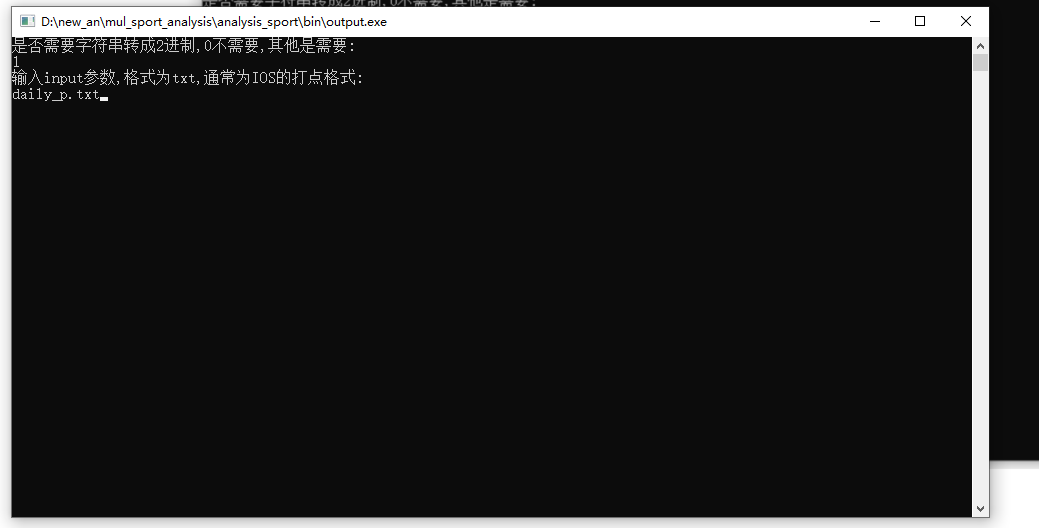
509f3f670c030000beecc00cc00000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000020000000000ff0000010000000000ff0f0001000a000000ff0000020000000000ff0000010000000000ff0000020000000000ff0000000000000000ff0000000000005700ff0000000000000000ff0000000000005300ff0000000000000000ff0000000000005200ff0000000000000000ff0000000000004e00ff0000000000000000ff0000010000004f00ff0000000000005100ff0000000000004c00ff0000010000004f00ff2300020018000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000005900ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000020000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000004800ff0000000000000000ff0000000000000000ff0000000000004000ff2800022019000000ff280002201e005c00ff0000010000000000ff110001000c005b00ff0000000000000000ff0000010000005f00ff0000010000004d00ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000004800ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000003d00ff0000000000000000ff0000000000004100ff0000000000000000ff0000010000004300ff0000000000000000ff0000000000004800ff0000000000000000ff0000010000004000ff0000010000004100ff1300000008005e00ff320002201e000000ff080001000f000000ff0000000000000000ff0000000000000000ff1900010011000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000004800ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000004400ff0000010000000000ff0000000000004200ff0000000000000000ff0000000000003e00ff0000000000000000ff0000000000003d00ff0000000000000000ff0000000000004a00ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000004700230000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000004400ff0000000000000000ff0000000000004500ff0000000000000000ff0000000000004500ff0000010000000000ff0000000000004100ff0000000000000000ff0000000000004400ff0000000000000000ff0000000000004100ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000004300ff0000000000000000ff0000000000000000ff0000000000003b00ff0000000000000000ff0a00010007004d00ff0000000000000000ff0000010000005200ff0000000000000000ff0000000000004200ff0000010000004c00ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000004400ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000004300ff0000010000000000ff0000000000000000ff0000000000000000ff0000010000000000ff140002000e000000ff1300002006000000ff1200020013000000ff0000010000000000ff0000010000000000ff0800010006005100ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000005900ff0000010000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000004900ff0000000000000000ff0000000000004f00ff0000000000000000ff0000000000004d00ff0000000000000000ff0000000000004e00ff0000000000000000ff0000010000005400ff0000000000000000ff0000000000005400ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000010000000000ff1e00022014000000ff0000012000005800ff3c0001002a000000ff0000010000000000ff0000020000005400ff0000000000000000ff1f00010015005d00ff0000012000000000ff2600012016000000ff1500002013006000ff0000012000000000ff0000010000000000ff0000000000005c00ff0000020000004d00ff0000000000000000ff0000010000000000ff0000010000006400ff0000000000005f00ff0000010000000000ff1800010010003f00ff0000020000000000ff0000000000004e00ff0000010000003a00ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000003f00ff0000010000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000004800ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000010000000000ff0000010000000000ff0a00010000000000ff2400020015006900ff2500020024000000ff190001200f000000ff0000022002000000ff1f00020016000000ff4f00022036000000ff0d00022000000000ff1e0002201e000000ff0000012000000000ff0000010000000000ff0000000000006800ff0000010000000000ff0000010000000000ff0000010000000000ff1a00020012000000ff0000000000000000ff0000010000000000ff0000010000000000ff0000000000000000ff0000020000000000ff0e00000009006500ff0000010000000000ff0000000000000000ff1c00020014000000ff0000010000000000ff0000010000000000ff0000000000000000ff0000010000000000ff0000010000000000ff0000010000000000ff0e00010009005a00ff0000010000000000ff5900020037000000ff1b00046019000000ff0000020000000000ff0000000000000000ff0000020000000000ff0000030000000000ff110003000c000000ff3000020019000000ff4d0002203c005800ff140002200f000000ff0000020000000000ff0000020000000000ff0000020000000000ff470004002c000000ff7100046047006a00ff6800046051000000ff6b00046042006c00ff7200046055006900ff6f00046048006f00ff6d00056053006e00ff7200056046007b00ff6d00046046006b00ff6b00046050006700ff6900056043007300ff690005604f006d00ff630004603f007500ff6a00046051007300ff6600046040006a00ff5300046041006c00ff7100046046006a00ff6f00056055006e00ff6900056044007500ff640004203f006d00ff2200050022007a00ff0000010000000000ff140002000b005b00ff3800022021000000ff0c00022010006900ff0000064000007900ff0000054000006b00ff0000042000006b00ff0000052000006d00ff0900054000007100ff2a00052023006b00ff0000086000008f00ff0000076000008700ff2600076017008000ff0700076008008e00ff0000076000008300ff0000086000008500ff0000076000009500ff0000076000008d00ff0000076000009200ff0000064000007800ff0000076000007900ff0000076000007e00ff0000076000009300ff0000072000007a00ff0000076000008b00ff1f00076014009100ff0200076003008900ff0000054000007800ff0000066000007f00ff110007600c008300ff0000054000007200ff0000054000006d00ff0000062000007f00ff0000042000006800ff0000064000007200ff0000054000007000ff0000054000007800ff0000064000007500ff0000042000006d00ff0400042000006a00ff0f0006400d006e00ff0000054000006f00ff0000062000007f00ff0000064000007200ff0000052000007500ff0000076000007800ff120007600c008400ff2200066016008300ff230006401a007000ff0a00054007007300ff0000054000007000ff100004200b006f00ff340006401f007300ff0300076006008000ff0000020000000000ff6300070033007400ff4e00096043009200ff590008603700a100ff6800098051009300ff330009801900a200ff4100070038009e00ff3a00056028000000ff410008802d009100ff1c00088009009f00ff3c0008802e00ab00ff0000020005009b00ff3c0001001f007300ff480002203b000000ff0000022001007d00ff0000060000000000ff000008800000a400ff000008800000a900ff000008800000ae00ff000008800000ae00ff0000020000000000ff0000026000005a00ff0000020000000000ff0000010000006300ff0000020000000000ff370006601c007a00ff7100076054008500ff6d00086048009300ff5b00078045009700ff6e00088044009500ff6e00088054009800ff640007803f009b00ff600008803c009f00ff630007604b009b00ff6800086042009400ff6b00076051008e00ff6a00076042008b00ff6d00088053009200ff630007803f009e00ff650007604c008c00ff5e0007603c008400ff5600066037008600ff5d00066045007f00ff5800066039007b00ff6200062047007d00ff6200062040007d00ff670007604d008800ff5b0006603a008500ff0000020007000000ff0000000000006800ff0000010000006600ff0000000000000000ff0000000000005c00ff0000010000000000ff0000000000005d00ff0000000000000000ff0000010000000000ff110001000c000000ff0000010000000000ff0000000000000000ff0000000000005800ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000005200ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000000000000000ff0000010000000000ff0000000000000000ff0000000000000000ff0000020000006100ff0000010000000000ff0000020000000000ff0000020000000000ff0000010000000000ff0000010000000000ff0000020000000000ff2500030017000000ff0000010002000000ff

新建一个txt文本,我们把上面的数据拷贝到txt文本当中（我这里的名称是daily\_p.txt），然后打开output.exe





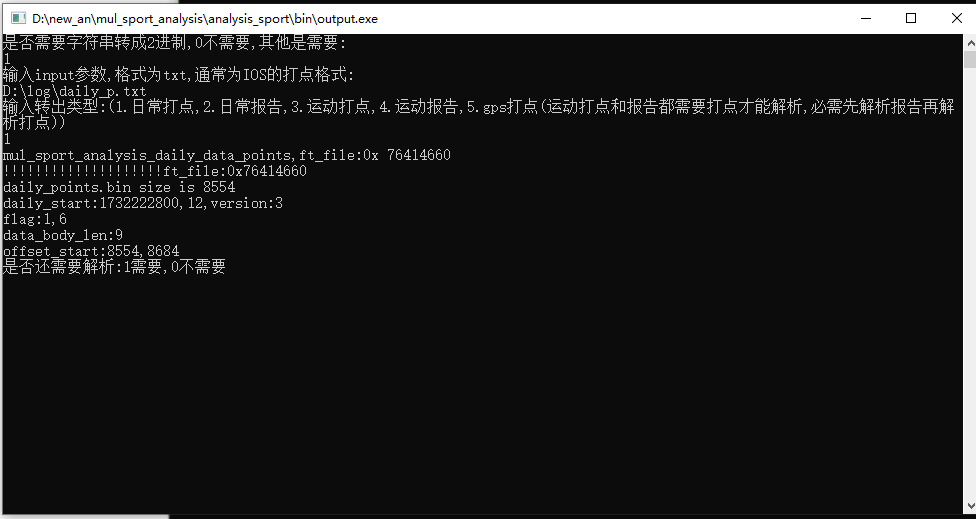
因为我们现在是文本要转成bin文件，所有要执行第一步，解下来输入刚才要转化的txt文本



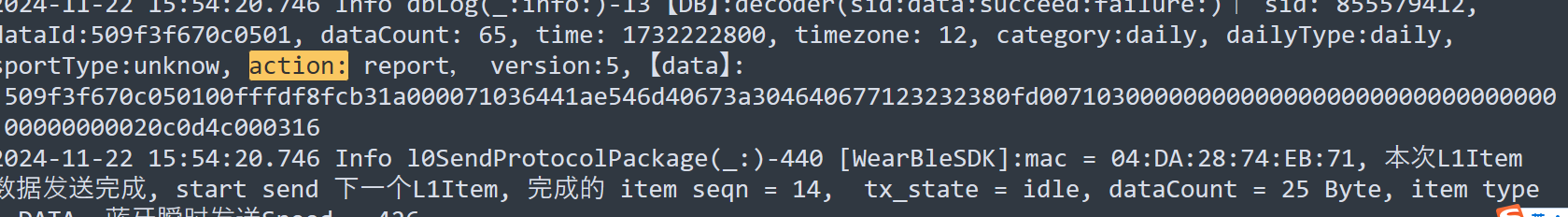
我们要解析日常打点，所以选1



现在数据已经解析到daily\_point.txt中，如果还有数据要解析我们就继续，没有就退出

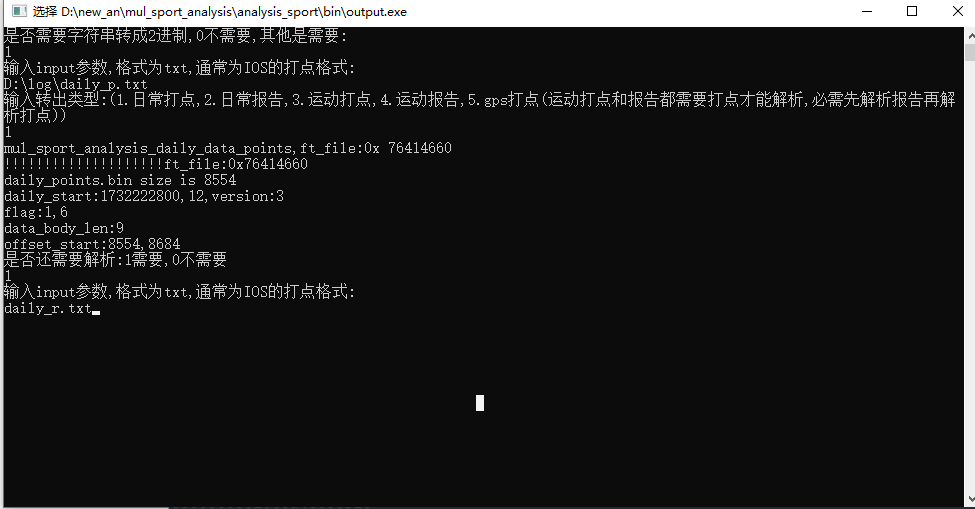


这里我们再解析一个日常报告：



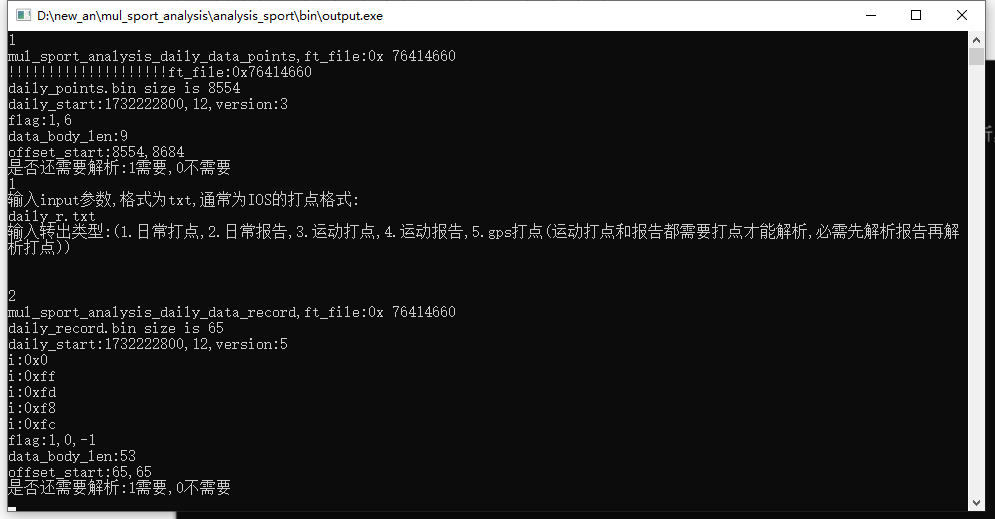
509f3f670c050100fffdf8fcb31a000071036441ae546d40673a304640677123232380fd00710300000000000000000000000000000000000000020c0d4c000316

还是用上面的方法先拷贝到txt文本当中



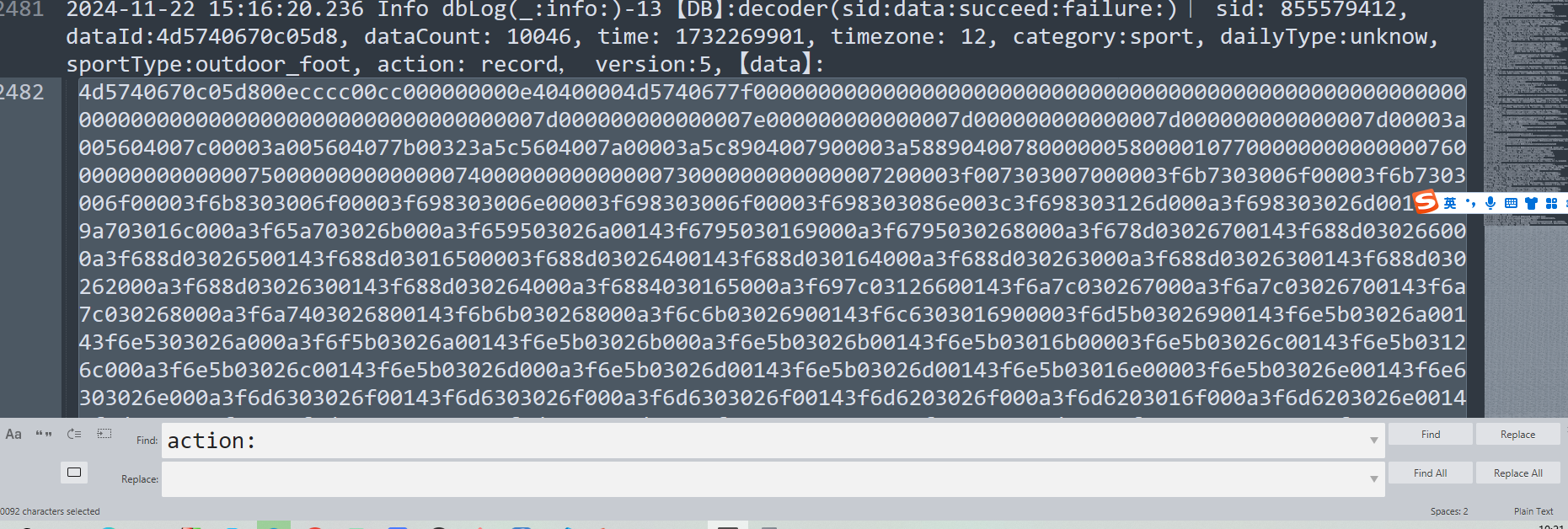
解析后数据在daily\_recod.txt中

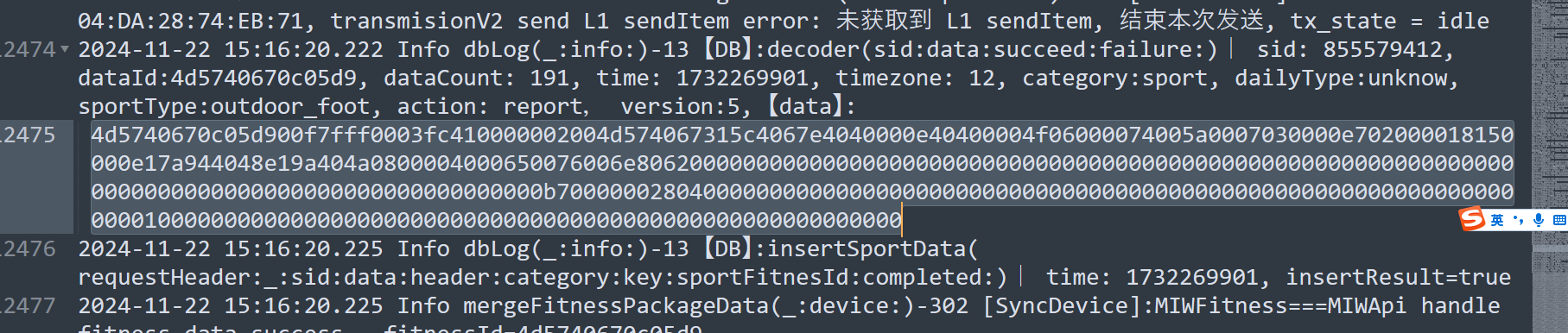




输出成功

我们再解析一个运动数据，因为有关安卓的问题，所以现在解析运动数据必须先解析报告再解析打点：V5应该是户外跑走的打点协议

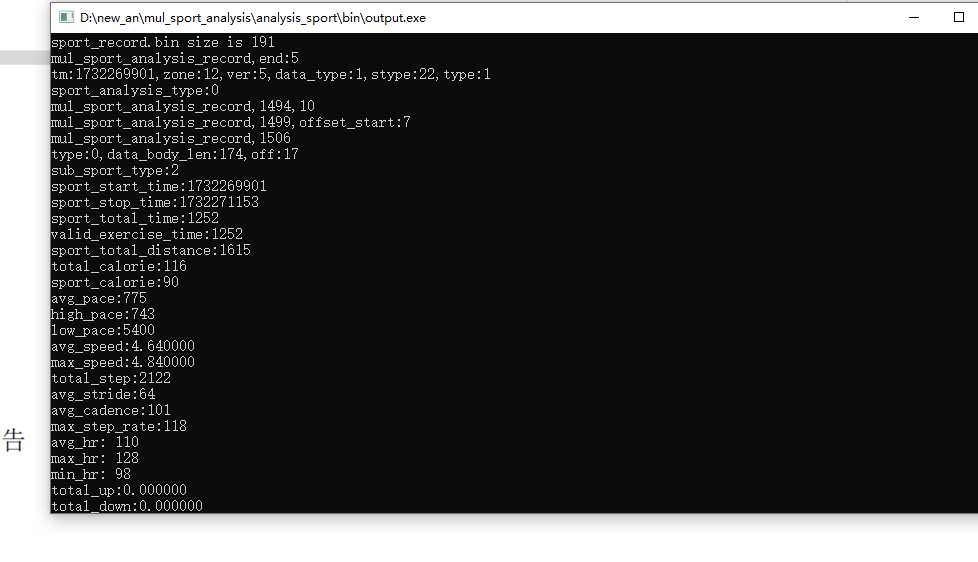




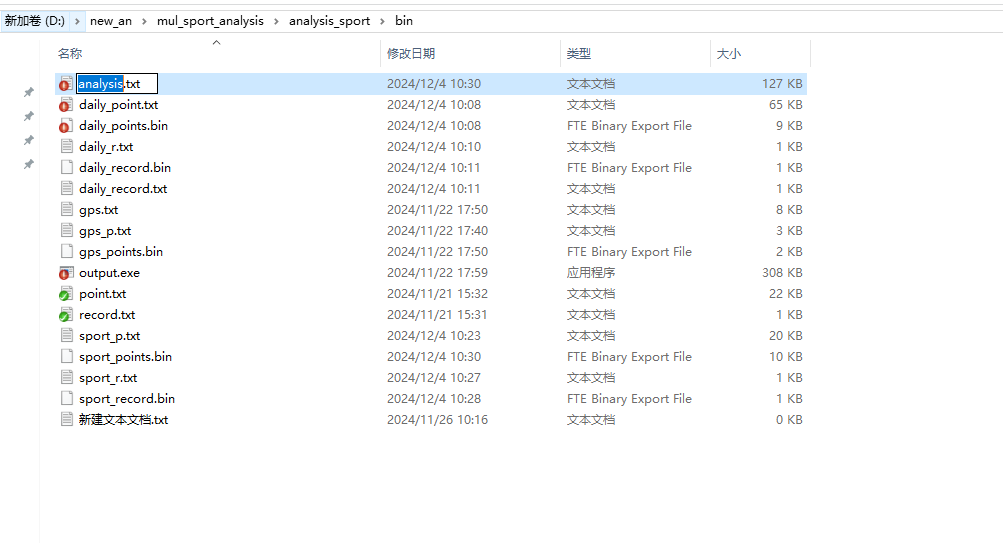
两个time一定要一样，time是运动开始时间，我们用上述方法把这两个依次保存在两个txt文本当中



先解析运动报告







analysis.txt就是运动打点

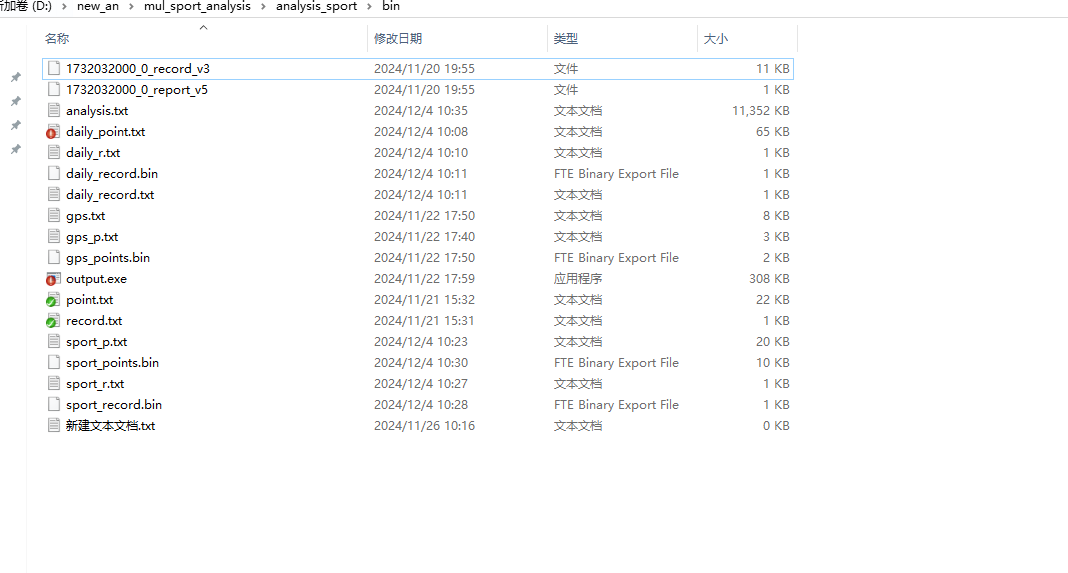
下面解析安卓：

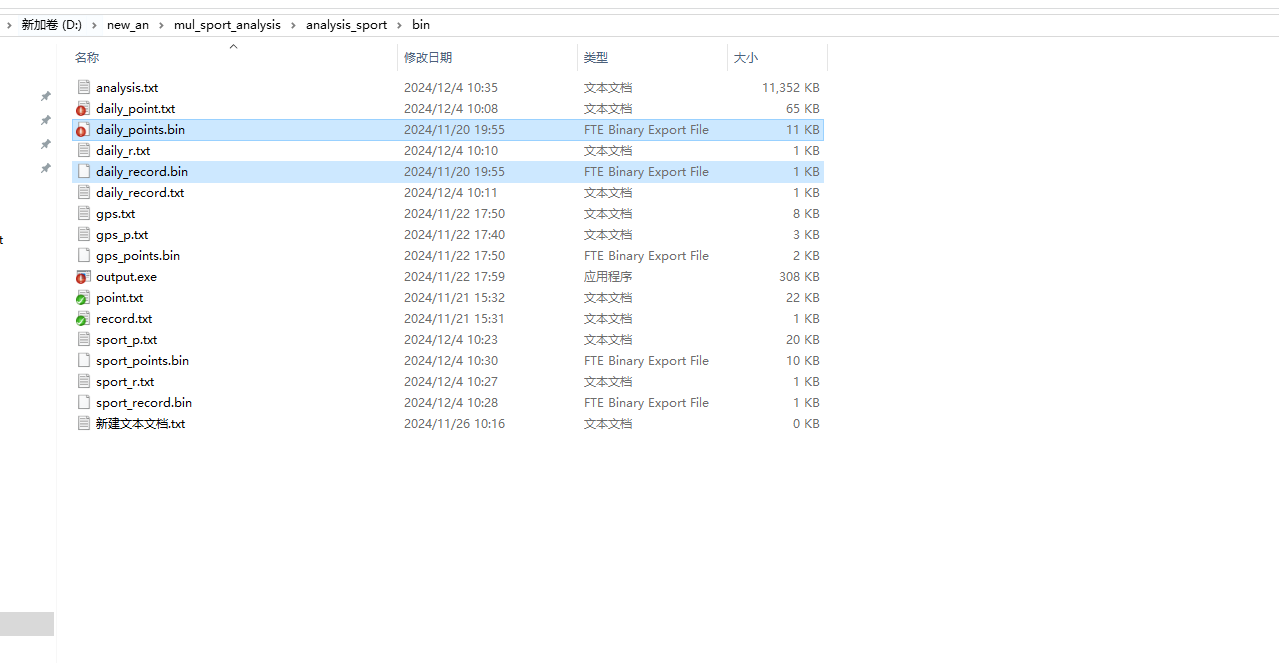


这是路径，需要打开才会有，用户反馈应该是无



从文件夹拿出来的应该类似于这样的，安卓直接可以跑，不需解析成bin文件，





这两个文件需要改成daily\_points.bin(日常打点),daily\_record.bin(日常报告)，转出来出来就是daily\_point.txt和daily\_record.txt