```
  1  #ifndef TYPES__H
  2  #define TYPES__H
  3
  4  #include <stdio.h>
  5
  6  /*Define el tipo status_t*/
  7  typedef enum
  8  {
  9      OK = 0,
 10      ERROR_INVALID_OUTPUT_FILE,
 11      ERROR_WRITING_TO_FILE,
 12      ERROR_CLOSING_FILE,
 13      ERROR_INVALID_MP3_FILE,
 14      ERROR_INVOCATION,
 15      ERROR_NULL_POINTER,
 16      ERROR_OUT_OF_MEMORY,
 17      ERROR_OUT_OF_RANGE,
 18      ERROR_INVALID_TRACK
 19  } status_t;
 20
 21  /*Define el tipo bool_t*/
 22  typedef enum
 23  {
 24      TRUE,
 25      FALSE
 26  } bool_t;
 27
 28  /*Define el tipo format_t*/
 29  typedef enum
 30  {
 31      FMT_CSV = 0,
 32      FMT_XML = 1
 33  } format_t;
 34
 35  /*Define el tipo sort_t*/
 36  typedef enum
 37  {
 38      SORT_NAME = 0,
 39      SORT_ARTIST = 1,
 40      SORT_GENRE = 2
 41  } sort_t;
 42
 43  #endif
```