

06/28/18 02:36:03 /home/ivan/Desktop/Repositorio-Final/mp3\_processor.h

```
1  #ifndef MP3_PROCESSOR_H
2  #define MP3_PROCESSOR_H
3
4  #include <stdio.h>
5  #include "types.h"
6  #include "vector.h"
7  #include "track.h"
8  #include "errors.h"
9  #include "setup.h"
10
11 #define MAX_FORMATS 2
12 #define MAX_SORTS 3
13
14 #define CSV_FORMAT "csv"
15 #define XML_FORMAT "xml"
16
17 #define SORT_BY_NAME "name"
18 #define SORT_BY_ARTIST "artist"
19 #define SORT_BY_GENRE "genre"
20
21 #define MAX_HEADER_SIZE 128
22
23 /*Prototipos*/
24 status_t process_mp3_data(setup_t * setup, FILE * fi, ADT_Vector_t ** vector);
25 status_t get_tracks_from_mp3_files (int argc, char * argv[], ADT_Vector_t ** vector, setup_t * setup);
26 status_t get_mp3_header(FILE * fi, char header[]);
27 status_t set_vector_for_tracks (ADT_Vector_t * vector, setup_t * setup);
28 status_t export_tracks_vector (ADT_Vector_t * vector, char * argv[], void * context, size_t out_index,
29                               setup_t * setup);
30 status_t process_mp3_files (size_t out_index, void * context, int argc, char * argv[], setup_t * setup);
31 #endif
```