

Artists

1	true	Queen	2
1	4		

```
typedef struct {
    artist_id_t id;
    bool in_use;
    char name[MAX_ARTIST_NAME+1];
    int n_albums;
    album_id_t albums[MAX_ARTIST_ALBUMS];
    int popularity;
    genre_id_t genre_id;
} artist_t;
```

```
artist_t db_artists [MAX_ARTISTS];
int db_nartists = 0;
```

Albums

1	true	Innuendo	2011	2
1	3			

4	true	A Kind of Magic	1986	1
5				

```
typedef struct {
    album_id_t id;
    bool in_use;
    char name[MAX_ALBUM_NAME+1];
    date_t release_date;
    int n_tracks;
    track_id_t tracks[MAX_ALBUM_TRACKS];
    artist_id_t artist_id;
} album_t;
```

```
album_t db_albums [MAX_ALBUMS];
int db_nalbums = 0;
```

Tracks

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1	true	Innuendo	393	1
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3	true	Headlong	277	1
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5	true	One Vision	311	4
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```
track_t db_tracks [MAX_TRACKS];
int db_ntracks = 0;
```

```
typedef struct {
    track_id_t id;
    bool in_use;
    char name[MAX_TRACK_NAME+1];
    int duration;
    album_id_t album_id;
} track_t;
```