# Cawler

## Storing into database

### Storing a song

1. Check the song is duplicate in database base source of song
2. If not exist add to database

### Storing a album

1. Check the song is duplicate in database base source of song
2. If not exist add to database
3. Check the album is duplicate in database base source of playlist
4. If not exist add to database
5. Check mapping between song and album tables
6. If they are not mapped on those two tables then add new mapper record

## Exception flow

On inserting a song or album, if has any error the application must rollback all tables.