song

|  |  |  |
| --- | --- | --- |
| songId | S[0-9]{4} | The letter S follow by 4 digits |
| name | [A-Z][a-z] |  |
| duration | [0-50]{1} | From 0-50 with 1 digits |
| lyrics  song/album | ([A-Z] | [a-z] | [0-1])+ | ])+ |
| songId | S[0-9]{4} |  |
| albumId  label | A[0-9]{4} | The letter A follow by 4 digits |
| labelId | L[0-9]{4} | The letter L follow by 4 digits |
| name  genre | ([A-Z] | [a-z] | [0-1])+ | ])+ |
| genreId | G[0-9]{4} | The letter G follow by 4 digits |
| name  album | ([A-Z] | [a-z] | [0-9])+ | )+ |
| albumId | A[0-9]{4} |  |
| name | ([A-Z] | [a-z] | [0-9]) | ])+ |
| genreId | G[0-9]{4} |  |
| labelId | L[0-9]{4} |  |
| recordingType  band/album | (“Studio” | “Live”) | either studio or live |
| bandId | B[0-9]{4} | The letter B follow by 4 digits |
| albumId  song/concert | A[0-9]{4} |  |
| concertId | C[0-9]{4} |  |
| songId | S[0-9]{4} |  |
| concert  concertId | C[0-9]{4} | The letter C follow by 4 digits |
| location | ([A-Z] | [a-z] | [0-9])+ | ])+ |
| date  band/concert | MM/DD/YYYY |  |
| bandId | B[0-9]{4} |  |
| concerId | C[0-9]{4} |  |
| band  bandId | B[0-9]{4} |  |
| size | [1-9]+ | From 1-9 with multiple digits if needed |

artist

|  |  |  |
| --- | --- | --- |
| artistId | R[0-9]{4} |  |
| name  band/artist | ([A-Z] | [a-z] | [0-9] | )+ |
| bandId | B[0-9]{4} |  |
| artistId  song/bands | R[0-9]{4} |  |
| songId | S[0-9]{4} |  |
| bandId | B[0-9]{4} |  |
| ownership  song/playlist | (“Origin” | “Cover”) | either orgin or cover |
| songId | s[0-9]{4} |  |
| playlisted  playlist | P[0-9]{4} | The letter P follow by 4 digits |
| playlistId | P[0-9]{4} |  |
| name | ([A-Z] | [a-z] | [0-9]) | + |