

Physical Data Model – couchmusic2

Document Key → userprofile::copilotmarks61569

```
{
  "address": {
    "city": "Frederick",
    "countryCode": "US",
    "postalCode": 57014,
    "state": "New York",
    "street": "4511 Hamilton Ave"
  },
  "created": "2015-01-28T13:50:56",
  "dateOfBirth": "1986-06-09",
  "email": "andy.bowman@games.com",
  "favoriteGenres": ["Blues", "Power Metal", "Lovers Rock", "Swing"],
  "firstName": "Andy",
  "gender": "male",
  "lastName": "Bowman",
  "phones": [
    {
      "number": "212-771-1834",
      "type": "cell",
      "verified": "2015-08-05T16:52:33"
    }
  ],
  "picture": {
    "large": "https://randomuser.me/api/portraits/men/17.jpg",
    "medium": "https://randomuser.me/api/portraits/med/men/17.jpg",
    "thumbnail": "https://randomuser.me/api/portraits/thumb/men/17.jpg"
  },
  "pwd": "636f6c6f7261646f",
  "status": "active",
  "title": "Mr",
  "type": "userprofile",
  "updated": "2015-08-25T10:29:16",
  "username": "copilotmarks61569"
}
```

Secondary Indexes

1. CREATE INDEX userprofile_address_country_code
ON couchmusic2(countryCode) WHERE type = 'userprofile';
2. CREATE INDEX userprofile_created ON couchmusic2(created) WHERE type = 'userprofile';
3. CREATE INDEX userprofile_status ON couchmusic2(status) WHERE type = 'userprofile';
4. CREATE INDEX userprofile_gender ON couchmusic2(gender) WHERE type = 'userprofile';
5. CREATE INDEX userprofile_last_name ON couchmusic2(lastName) WHERE type = 'userprofile';
6. CREATE INDEX userprofile_first_name ON couchmusic2(firstName) WHERE type = 'userprofile';

Physical Data Model – couchmusic2

Document Key → track::3305311F4A0FAAFEABD001D324906748B18FB24A

```
{
  "artist": "Paul Lekakis",
  "avg_rating": 3.6666666666666665,
  "created": "2015-08-18T19:57:07",
  "genre": "Hi-NRG",
  "id": "3305311F4A0FAAFEABD001D324906748B18FB24A",
  "mp3": "https://goo.gl/KgKoR7",
  "ratings": [
    {
      "created": "2015-08-20T12:24:44",
      "rating": 4,
      "username": "sublimatingraga37014"
    },
    {
      "created": "2015-08-21T09:23:57",
      "rating": 4,
      "username": "untillablesshowings34122"
    },
    {
      "created": "2015-08-21T13:53:34",
      "rating": 3,
      "username": "megacephalousfusty75226"
    }
  ],
  "title": "My House",
  "type": "track",
  "updated": "2015-08-18T19:57:07"
}
```

Secondary Indexes

- | |
|---|
| 1. CREATE INDEX track_artist ON couchmusic2(artist) WHERE type = 'track'; |
| 2. CREATE INDEX track_genre ON couchmusic2(genre) WHERE type = 'track'; |
| 3. CREATE INDEX track_title ON couchmusic2(title) WHERE type = 'track'; |
| 4. CREATE INDEX track_avg_rating ON couchmusic2(avg_rating) WHERE type = 'track'; |

Physical Data Model – couchmusic2

Document Key → playlist::003c6f65-641a-4c9a-8e5e-41c947086cae

```
{
  "created": "2014-12-04T03:36:18",
  "id": "003c6f65-641a-4c9a-8e5e-41c947086cae",
  "name": "Eclectic Summer Mix",
  "owner": {
    "created": "2015-01-28T13:50:56",
    "firstName": "Andy",
    "lastName": "Bowman",
    "picture": {
      "large": "https://randomuser.me/api/portraits/men/17.jpg",
      "medium": "https://randomuser.me/api/portraits/med/men/17.jpg",
      "thumbnail": "https://randomuser.me/api/portraits/thumb/men/17.jpg"
    },
    "title": "Mr",
    "username": "copilotmarks61569"
  },
  "tracks": [
    "9FFAF88C1C3550245A19CE3BD91D3DC0BE616778",
    "3305311F4A0FAAFEABD001D324906748B18FB24A",
    "0F64FC34FE11E26D770605F2B8C3A7D611CE1E69",
    "0EB4939F29669774A19B276E60F0E7B47E7EAF58",
    "F7DF5C6386E1B5D3B988375875A3587BDF9B20A4"
  ],
  "type": "playlist",
  "updated": "2015-09-11T10:39:40",
  "visibility": "PUBLIC"
}
```

Secondary Indexes

1. CREATE INDEX playlist_owner ON couchmusic2(owner.username) WHERE type = 'playlist';
--

Physical Data Model – couchmusic2

Document Key → country::US

```
{
  "countryCode": "US",
  "gdp": 53548,
  "name": "United States of America",
  "population": 3.25296592e+08,
  "region-number": 21,
  "type": "country",
  "updated": "2010-07-15T15:34:27"
}
```

Secondary Indexes

- | |
|---|
| 1. CREATE INDEX country_code ON couchmusic2(countryCode) WHERE type = 'country'; |
| 2. CREATE INDEX country_region_number ON couchmusic2(`region-number`) WHERE type = 'country'; |

Physical Data Model – couchmusic2

Document Key → sub-region::21

```
{  
  "name": "Northern America",  
  "region": "Americas",  
  "region-number": 21,  
  "type": "sub-region"  
}
```

Secondary Indexes

1. CREATE INDEX region ON couchmusic2(region) WHERE type = 'sub-region';
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