University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 4

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Group Number: 2

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

3a Final Project Description

Our project focuses on collecting, managing, and analyzing data related to tournaments in the online rhythm game "osu!" While the osu! website provides an overall leaderboard and ranking system based on individual performance, there is no system for tournaments. Our application fills this gap by providing tools for organizing, tracking, and filtering tournament data.

Within the tournament catalog, the application provides key information on matches within each tournament. Information regarding songs and artists, along with which beatmaps will be used are stored. Additionally, it stores scores set on those beatmaps and includes essential details such as mods used, combo, accuracy, and date set. Furthermore, data associated with players that set these scores are stored. These include their username, rank, and represented country.

Our application is designed for osu! players, fans, and tournament organizers. Players and fans can stay up to date with tournament information, match history, and players' performances. Additionally, tournament organizers will have a better tool to avoid reusing beatmaps across tournaments.

Overall, our project provides a user-friendly application for osu! players, fans, and tournament organizers to view and filter data related to osu! tournaments. Historically, finding information regarding smaller tournaments has been challenging. By providing key data associated with tournaments, our application aims to make tournament details easily accessible for the osu! community. Our application serves as a simple, yet comprehensive platform for the osu! community to collect, manage, and analyze data related to tournaments.

3b Final Schema Changes

- Added a 'BeatmapHitObjects' table. HitObjects in a beatmap have specific and detailed attributes, so having its own table allows us to manage this separately from the 'Beatmap' table
- Added a 'TournamentBadge' table. Allows us to separate its attributes from the 'Tournament' table
- Changed to using data type 'VARCHAR' from 'CHAR' to store strings of variable length
- Changed the datatype for 'isFeatured' in the 'Artist' table from 'BOOL' to 'CHAR(1)' since BOOL is not supported in SQLPLUS
- Added the UNIQUE constraint to 'name' attribute in 'Artist' and 'Song' table providing a guarantee for uniqueness in those columns

3c   Final Schema and Data from SQL Script

i.   Final Schema

Note: <u>primary keys are underlined</u> and **foreign keys are bolded**

Artist(<u>artistId</u>: INT, isFeatured: CHAR(1), name: VARCHAR(32))
- NOT NULL: isFeatured, name
- UNIQUE: name

Country(<u>countryName</u>: VARCHAR(32), flag: BLOB)
- NOT NULL: flag

TournamentBadge(<u>hitObjectsURL</u>: VARCHAR(256), badgeIssueDate: DATE)
- NOT NULL: badgeIssueDate

BeatmapHitObjects(<u>hitObjectsUrl</u>: VARCHAR(256), maxCombo: INT, hpDrain: FLOAT, stars: FLOAT)
- NOT NULL: maxCombo, hpDrain, stars

Player(<u>playerId</u>: INT, rank: INT, username: VARCHAR(32), joinDate: DATE, **countryName**: VARCHAR(32))
- NOT NULL: rank, username, joinDate, countryName
- UNIQUE: username

Song(<u>songId</u>: INT, bpm: INT, genre: VARCHAR(32), name: VARCHAR(64), **artistId**: INT)
- NOT NULL: bpm, name, artistID
- UNIQUE: name

Tournament(<u>tournamentId</u>: INT, startDate: DATE, badgeUrl: VARCHAR(256), badgeIssueDate: DATE, name: VARCHAR(64), lowerRankBound: INT, upperRankBound: INT, **countryName**: VARCHAR(32))
- NOT NULL: startDate, name

Match(<u>matchId</u>: INT, round: VARCHAR(32), **tournamentId**: INT)
- NOT NULL: round, tournamentID

BeatmapSet(<u>beatmapSetId</u>: INT, creationDate: DATE, **playerId**: INT, **songId**: INT)
- NOT NULL: creationDate, playerID, songID

Beatmap(**<u>beatmapSetId</u>**: INT, difficultyName: VARCHAR(64), maxCombo: INT, hpDrain: INT, stars: FLOAT, hitObjectsUrl: VARCHAR(256), **playerId**: INT)
- NOT NULL: maxCombo, hpDrain, stars, hitObjectsUrl, playerId

Standard(**<u>beatmapSetId</u>**: INT, **<u>difficultyName</u>**: VARCHAR(64), circleSize: FLOAT)
- NOT NULL: circleSize

Taiko(**<u>beatmapSetId</u>**: INT, **<u>difficultyName</u>**: VARCHAR(64), drumSpeed: FLOAT)
- NOT NULL: drumSpeed

Mania(**<u>beatmapSetId</u>**: INT, **<u>difficultyName</u>**: VARCHAR(64), keyCount: INT)
- NOT NULL: keyCount

Score(<u>scoreId</u>: INT, modifier: VARCHAR(8), dateSet: DATE, totalScore: INT, combo: INT, accuracy: FLOAT, **playerId**: INT, **beatmapSetId**: INT, **difficultyName**: VARCHAR(64), **matchId**: INT)
- NOT NULL: dateSet, combo, accuracy, playerId, beatmapSetId, difficultyName, matchId

ii. Screenshots of Data from SQL PLus

All tables:

```
SQL> SELECT table_name FROM all_tables WHERE owner='ORA_RQUAY';

TABLE_NAME
----------------------------------------------------------------
ARTIST
BEATMAP
BEATMAPHITOBJECTS
BEATMAPSET
COUNTRY
MANIA
MATCH
PLAYER
SCORE
SONG
STANDARD
TAIKO
TOURNAMENT
TOURNAMENTBADGE

14 rows selected.
```

Artist:

```
SQL> SELECT * FROM ARTIST;

  ARTISTID I NAME
---------- - --------------------------------
         0 Y Kommisar
         1 Y ZxNX
         2 Y Aether
         3 N Denkishiki Karen Ongaku Shuudan
         4 N Noah
         5 Y Silentroom
         6 Y Marmalade butcher
         7 Y Sobrem
         8 Y II-L
         9 Y katagiri
        10 Y Frums
        11 Y Camellia
        12 N ROKINA
        13 N Wolpis Carter
        14 N SDMNE

15 rows selected.
```

Beatmap:

```
SQL> SELECT * FROM BEATMAP;

BEATMAPSETID DIFFICULTYNAME              MAXCOMBO   HPDRAIN HITOBJECTSURL                                         MAPPERID
------------ -------------------------- ---------- --------- ---------------------------------------------------- ----------
     2095159 TEMPORAL BLAST                  1820         5 https://osu.ppy.sh/beatmapsets/2095159/download       10466315
     2095138 Annihilation                    1299         6 https://osu.ppy.sh/beatmapsets/2095138/download        5745865
     2095121 Extra Stage                     1468         4 https://osu.ppy.sh/beatmapsets/2095121/download        4960893
     2095134 Consumed                        1516         4 https://osu.ppy.sh/beatmapsets/2095134/download        7715620
     2095157 Extra Stage                     1812         5 https://osu.ppy.sh/beatmapsets/2095157/download        5194391
     1980705 Hell Oni                        1759         3 https://osu.ppy.sh/beatmapsets/1980705/download        4050738
     1720005 X                               2158         5 https://osu.ppy.sh/beatmapsets/1720005/download        4433058
     1980775 Super Macaroni                  1121         5 https://osu.ppy.sh/beatmapsets/1980775/download       11563671
     1664805 Cosmic Cruise                   1532         6 https://osu.ppy.sh/beatmapsets/1664805/download        9821194
     1980692 WereOni                         1452         7 https://osu.ppy.sh/beatmapsets/1980692/download        1910766
     1939259 [7K] Blazing Inferno            6500         8 https://osu.ppy.sh/beatmapsets/1939259/download        7898495
     1939327 [7K] rickrollab                 8212         8 https://osu.ppy.sh/beatmapsets/1939327/download       18219603
     1939270 [7K] Event Horizon              3200         8 https://osu.ppy.sh/beatmapsets/1939270/download        3360737
     1657994 [7K] Love You (Cut Ver.)        5933         7 https://osu.ppy.sh/beatmapsets/1657994/download        2218047
     1939330 [7K] Schadenfreude              8145         8 https://osu.ppy.sh/beatmapsets/1939330/download       18219603

15 rows selected.
```

BeatmapHitObjects:

```
SQL> column HITOBJECTSURL format a50
SQL> SELECT * FROM BEATMAPHITOBJECTS;

HITOBJECTSURL                                         MAXCOMBO    HPDRAIN     STARS
-------------------------------------------------- ----------  ----------  ----------
https://osu.ppy.sh/beatmapsets/2095159/download         1820           5       8.05
https://osu.ppy.sh/beatmapsets/2095138/download         1299           6       7.93
https://osu.ppy.sh/beatmapsets/2095121/download         1468           4        7.6
https://osu.ppy.sh/beatmapsets/2095134/download         1516           4       7.73
https://osu.ppy.sh/beatmapsets/2095157/download         1812           5       7.61
https://osu.ppy.sh/beatmapsets/1980705/download         1759           3       6.77
https://osu.ppy.sh/beatmapsets/1720005/download         2158           5       7.99
https://osu.ppy.sh/beatmapsets/1980775/download         1121           5       7.97
https://osu.ppy.sh/beatmapsets/1664805/download         1532           6       6.51
https://osu.ppy.sh/beatmapsets/1980692/download         1452           7       7.61
https://osu.ppy.sh/beatmapsets/1939259/download         6500           8       8.02
https://osu.ppy.sh/beatmapsets/1939327/download         8212           8      10.43
https://osu.ppy.sh/beatmapsets/1939270/download         3200           8       8.43
https://osu.ppy.sh/beatmapsets/1657994/download         5933           7       8.34
https://osu.ppy.sh/beatmapsets/1939330/download         8145           8      11.31

15 rows selected.
```

BeatmapSet:

```
SQL> SELECT * FROM BEATMAPSET;

BEATMAPSETID CREATIONDATE            MAPPERID     SONGID
------------ --------------------  ----------  ----------
     2095159 2023-11-26              10466315           0
     2095138 2023-11-26               5745865           1
     2095121 2023-11-26               4960893           2
     2095134 2023-11-26               7715620           3
     2095157 2023-11-26               5194391           4
     1980705 2023-04-23               4050738           5
     1720005 2022-03-14               4433058           6
     1980775 2023-04-23              11563671           7
     1664805 2022-01-01               9821194           8
     1980692 2023-04-23               1910766           9
     1939259 2023-02-12               7898495          10
     1939327 2023-02-12              18219603          11
     1939270 2023-02-12               3360737          12
     1657994 2021-12-24               2218047          13
     1939330 2023-02-12              18219603          14

15 rows selected.
```

Country:

```
SQL> SELECT * FROM COUNTRY;

COUNTRYNAME                      FLAG
----------------------------  ------------------------------
United States
Australia
Japan
Taiwan
Canada
United Kingdom
Russian Federation
France
Brazil
South Korea
Germany

11 rows selected.
```

Mania:

```
SQL> SELECT * FROM MANIA;

BEATMAPSETID DIFFICULTYNAME                      KEYCOUNT
------------ ------------------------------- ----------
     1939259 [7K] Blazing Inferno                     7
     1939327 [7K] rickrollab                          7
     1939270 [7K] Event Horizon                       7
     1657994 [7K] Love You (Cut Ver.)                 7
     1939330 [7K] Schadenfreude                       7
```

Match:

```
SQL> SELECT * FROM MATCH;

   MATCHID ROUND                                                                                    TOURNAMENTID
---------- ------------------------------------------------------------------------------------- ------------
 111534249 OWC2023: (Australia) VS (United States)                                                            1
 108221558 TWC2023: (Taiwan) VS (Germany)                                                                     2
 106911235 MWC7K2023: (Philippines) VS (South Korea)                                                          3
 111072404 OCL: (HKU School of Professional and Continuing Education A) vs (Portland State University A)      4
 103540083 UBCSS: (Ophiz) vs (ZephyrCo)                                                                       5
```

Player:

```
SQL> SELECT * FROM PLAYER;

  PLAYERID       RANK USERNAME                        JOINDATE   COUNTRYNAME
---------- ---------- ------------------------------- ---------- --------------------
   7813296         26 hydrogen bomb                   2016-01-23 United States
   7075211        161 tekkito                         2016-09-11 United States
   4108547         19 WindowLife                      2014-03-06 United States
   7562902          2 mrekk                           2015-12-12 Australia
   7341183         16 ASecretBox                      2015-10-30 Australia
  10466315     362090 Serenhaide                      2017-07-06 Canada
   5745865    1761554 Altai                           2015-01-24 United Kingdom
   4960893       4493 Djulus                          2014-09-22 Russian Federation
   7715620       8020 IsomirDiAngelo                  2016-01-08 France
   5194391       8668 Camo                            2014-11-11 United States
   4050738     954166 HiroK                           2014-02-21 Brazil
   4433058     431048 sendol                          2014-05-23 South Korea
  11563671     794865 4sbet1                          2018-01-17 Japan
   9821194      54068 Miniature Lamp                  2017-03-01 United States
   1910766            Nwolf                           2012-09-10 Germany
   7898495            Wonki                           2016-02-07 South Korea
  18219603    2108858 Leeju                           2020-08-23 Germany
   3360737            Jinjin                          2013-09-29 United States
   2218047            Kim_GodSSI                      2012-12-26 South Korea

19 rows selected.
```

Score:

```
SQL> SELECT * FROM SCORE;

  SCOREID MODIFIER TOTALSCORE     COMBO  ACCURACY DATESET       PLAYERID BEATMAPSETID DIFFICULTYNAME                   MATCHID
--------- -------- ---------- ---------- ---------- ---------- ---------- ------------ ------------------------------ ---------
        1 HR           760905       1518     96.48 2023-12-01    7813296      2095159 TEMPORAL BLAST                 111534249
        2 HD           599548       1145     96.39 2023-12-01    7075211      2095138 Annihilation                   111534249
        3              485149        682     98.13 2023-12-01    4108547      2095121 Extra Stage                    111534249
        4 HD           680844       1163     98.74 2023-12-01    7562902      2095134 Consumed                       111534249
        5              532323       1186     95.78 2023-12-01    7341183      2095157 Extra Stage                    111534249
        6              468524        620     96.33 2023-12-01    7813296      2095138 Annihilation                   111534249
        7 HR           556454        687     98.79 2023-12-01    7813296      2095121 Extra Stage                    111534249
        8 HR           558443       1048     94.15 2023-12-01    7813296      2095134 Consumed                       111534249
        9 HR           714260       1172     98.76 2023-12-01    7813296      2095157 Extra Stage                    111534249

9 rows selected.
```

Song:

```
SQL> column NAME format a40
SQL> SELECT * FROM SONG;

   SONGID        BPM GENRE                          NAME                                       ARTISTID
---------- ---------- ------------------------------ ---------------------------------------- ----------
        0        245 Video Game                     AKARI BEAM CANNON LAST BOSS                       0
        1        222 Electronic                     Fana                                              1
        2        240 Rock                           Lunate Elf                                        2
        3        264 Metal                          E.E.L.S.                                          3
        4        223 Video Game                     Necrofantasia                                     4
        5        174 Electronic                     Shuu no Hazama                                    5
        6        194 Rock                           Amanita                                           6
        7        232 Electronic                     Super Macaron                                     7
        8        136 Unspecified                    EXPLORER-4                                        8
        9        177 Unspecified                    Angel???s Salad                                   9
       10        142 Unspecified                    ultra-blazures                                   10
       11        140 Electronic                     Never Gonna Give You Up (Camellia Remix)         11
       12        999 Video Game                     Schwerkraft                                      12
       13        140 Rock                           Batsubyou                                        13
       14        240 Electronic                     Beyond the Aexis                                 14

15 rows selected.
```

Standard:

```
SQL> SELECT * FROM STANDARD;

BEATMAPSETID DIFFICULTYNAME                 CIRCLESIZE
------------ ------------------------------ ----------
     2095159 TEMPORAL BLAST                        3.8
     2095138 Annihilation                          4.2
     2095121 Extra Stage                             4
     2095134 Consumed                                4
     2095157 Extra Stage                             4
```

Taiko:

```
SQL> SELECT * FROM TAIKO;

BEATMAPSETID DIFFICULTYNAME                  DRUMSPEED
------------ ------------------------------ ----------
     1980705 Hell Oni                               10
     1720005 X                                     9.6
     1980775 Super Macaroni                          5
     1664805 Cosmic Cruise                           8
     1980692 WereOni                                10
```

Tournament:

```
SQL> column BADGEURL format a50
SQL> SELECT * FROM TOURNAMENT;

TOURNAMENTID NAME                                         LOWERRANKBOUND UPPERRANKBOUND STARTDATE  BADGEURL                                                COUNTRYNAME
------------ -------------------------------------------- -------------- -------------- ---------- ------------------------------------------------------- -----------
           1 osu! World Cup 2023                                                        2023-09-21 https://assets.ppy.sh/profile-badges/owc2023-winner.png
           2 osu!taiko World Cup 2023                                                   2023-02-16 https://assets.ppy.sh/profile-badges/otwc-2nd-2023.png
           3 osu!mania 7K World Cup 2023                                                2022-12-15 https://assets.ppy.sh/profile-badges/mwc7k2023-winner.png
           4 osu!Collegiate League: 10th Edition                                        2023-08-31 https://assets.ppy.sh/profile-badges/OCL10.png
           5 osu!UBC Sunset Series ???22                                        100000 2022-08-07 https://assets.ppy.sh/profile-badges/oubc-2022.png
```

TournamentBadge:

```
SQL> SELECT * FROM TOURNAMENTBADGE;

BADGEURL                                                   BADGEISSUE
---------------------------------------------------------- ----------
https://assets.ppy.sh/profile-badges/owc2023-winner.png    2023-12-02
https://assets.ppy.sh/profile-badges/otwc-2nd-2023.png     2023-04-30
https://assets.ppy.sh/profile-badges/mwc7k2023-winner.png  2023-02-21
https://assets.ppy.sh/profile-badges/OCL10.png             2024-01-15
https://assets.ppy.sh/profile-badges/oubc-2022.png         2022-10-07
```

3d Queries

INSERT
./controller/src/appService.ts | line 758
addSong (song: SongPUTRequestBody)

- adds song
- if artistId foreign key is not present, create new one

DELETE
./controller/src/appService.ts | line 144
remoteBeatmapSet(beatmapSetId: string)

- removes beatmapset based on given id, deletes any associated
beatmaps

UPDATE
./controller/src/appService.ts | line 396
updateBeatmapSet(beatmapsetId:string, body:BeatmapSsetPostRequestBody)

- updates beatmapset with given beatmapData based on id

SELECTION
./controller/src/appService.ts | line 559
fetchWithFilters(tableName: string, filters: string)

- selects row from given table that pass given filter

PROJECTION
./controller/src/appService.ts | line 429, 587, 604
fetchTables(tableName: string, attributes: string | undefined)
fetchTableNames()
fetchColumnNames(tableName: string)

- select table with support for projection based on columns passed
- returns all names for all tables across schema
- returns all column/attribute names for a given table

JOIN
./controller/src/appService.ts | line 101

```
fetchBeatmapSets(bpmLowerBound: number, bpmUpperBound: number)
- join on player, song and artist, support for specifying song bpm
```

AGGREGATION with GROUP BY

```
./controller/src/appService.ts | line 505
fetchPlayersAvgAccuracy(playerId: string | undefined)
```

- returns players grouped by playerName with their average accuracy

AGGREGATION with HAVING

```
./controller/src/appService.ts | line 459
fetchPlayersAvgScoreGreaterThan(lowerBound: string | undefined)
```

- returns players with a average score greater than a given bound

Nested AGGREGATION with GROUP BY

```
./controller/src/appService.ts | line 533
fetchMaxAvgAccPerMod( )
```

- returns modifier with the maximum average accuracy

DIVISION

```
./controller/src/appService.ts | line 726
fetchPlayersWithAllBeatmaps()
```

- returns players with a score on ALL beatmaps

3e Screenshots

INSERT

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Search

Select Table: | SONG

Select Columns: | SONGID ✕ | BPM ✕ | GENRE ✕ | NAME ✕ | ARTISTID ✕

Filter

Enter filter... ⓘ 🔍

Special Operations

Add Song

Table

SONGID	BPM	GENRE	NAME	ARTISTID
5	174	Electronic	Shuu no Hazama	5
6	194	Rock	Amanita	6
7	232	Electronic	Super Macaron	7
8	136	Unspecified	EXPLORER-4	8
9	177	Unspecified	Angel���s Salad	9
10	142	Unspecified	ultra-blazures	10
11	140	Electronic	Never Gonna Give You Up (Camellia Remix)	11
12	999	Video Game	Schwerkraft	12
13	140	Rock	Batsubyou	13
14	240	Electronic	Beyond the Aexis	14

beatmapsets   players   scores   song

Add Song

threeohfour!

Search

Select Table: SONG

Select Columns: SONGID ×   BPM ×   GENRE ×   NAME ×   ARTISTID ×

Filter

Enter filter...   ⓘ   🔍

Special Operations

Table

SONGID	BPM	GENR			ARTISTID
5	174	Electro			5
6	194	Rock			6
7	232	Electro			7
8	136	Unspe			8
9	177	Unspe			9
10	142	Unspecified	ultra-blazures		10
11	140	Electronic	Never Gonna Give You Up (Camellia Remix)		11
12	999	Video Game	Schwerkraft		12
13	140	Rock	Batsubyou		13
14	240	Electronic	Beyond the Aexis		14

beatmapsets   players   scores   song

Create New Song: ✕

Name   New Song

BPM: 727   ▲▼

Genre: Blues

Artist Name: New Artist

Featured Artist?:   ☑

                                    Cancel   Yes

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Search

Select Table: SONG

Select Columns: SONGID ×   BPM ×   GENRE ×   NAME ×   ARTISTID ×

Filter

Enter filter...

Special Operations

Add Song

Table

SONGID	BPM	GENRE	NAME	ARTISTID
6	194	Rock	Amanita	6
7	232	Electronic	Super Macaron	7
8	136	Unspecified	EXPLORER-4	8
9	177	Unspecified	Angel���s Salad	9
10	142	Unspecified	ultra-blazures	10
11	140	Electronic	Never Gonna Give You Up (Camellia Remix)	11
12	999	Video Game	Schwerkraft	12
13	140	Rock	Batsubyou	13
14	240	Electronic	Beyond the Aexis	14
15	727	Blues	New Song	15

beatmapsets   players   scores   song

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Table

ARTISTID	ISFEATURED	NAME
6	Y	Marmalade butcher
7	Y	Sobrem
8	Y	Il-L
9	Y	katagiri
10	Y	Frums
11	Y	Camellia
12	N	ROKINA
13	N	Wolpis Carter
14	N	SDMNE
15	Y	New Artist

notification preview:

NAME	ARTISTID
AKARI BEAM CANNON LAST BOSS	0
Fana	1
Lunate Elf	2
E.E.L.S.	3
Necrofantasia	4
Shuu no Hazama	5
Amanita	6
Super Macaron	7
EXPLORER-4	8
Angel���s Salad	9

Success
Song added successfully ✕

1
2
3
4
5
6
7
8
9

Error
ORA-01400: cannot insert NULL into
("ORA_MBALSDON"."SONG"."NAME") ✕

DELETE

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Search

Select Table: BEATMAPSET

Select Columns: BEATMAPSETID × CREATIONDATE × MAPPERID × SONGID × ACTIONS × ⌄

Filter

Enter filter... ⓘ 🔍

Special Operations

Show Special Beatmap View | BPM Search

Table

BEATMAPSETID	CREATIONDATE	MAPPERID	SONGID	ACTIONS
1720005	2022-03-14T07:00:00.000Z	4433058	6	✏️ 🗑️
1980775	2023-04-23T07:00:00.000Z	11563671	7	✏️ 🗑️
1664805	2022-01-01T07:00:00.000Z	9821194	8	✏️ 🗑️
1980692	2023-04-23T07:00:00.000Z	1910766	9	✏️ 🗑️
1939259	2023-02-12T07:00:00.000Z	7898495	10	✏️ 🗑️
1939327	2023-02-12T07:00:00.000Z	18219603	11	✏️ 🗑️
1939270	2023-02-12T07:00:00.000Z	3360737	12	✏️ 🗑️
1657994	2021-12-24T07:00:00.000Z	2218047	13	✏️ 🗑️

beatmapsets players scores song

🗑️

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Search

Select Table:
BEATMAP

Select Columns:
BEATMAPSETID × | DIFFICULTYNAME × | MAXCOMBO × | HPDRAIN × | HITOBJECTSURL × | MAPPERID ×

Filter

Enter filter...

Table

BEATMAPSETID	DIFFICULTYNAME	MAXCOMBO	HPDRAIN	HITOBJECTSURL	MAPPERID
2095121	Extra Stage	1468	4	https://osu.ppy.sh/beatmapsets/2095121/download	4960893
2095134	Consumed	1516	4	https://osu.ppy.sh/beatmapsets/2095134/download	7715620
2095157	Extra Stage	1812	5	https://osu.ppy.sh/beatmapsets/2095157/download	5194391
1980705	Hell Oni	1759	3	https://osu.ppy.sh/beatmapsets/1980705/download	4050738
1720005	X	2158	5	https://osu.ppy.sh/beatmapsets/1720005/download	4433058
1980775	Super Macaroni	1121	5	https://osu.ppy.sh/beatmapsets/1980775/download	11563671
1664805	Cosmic Cruise	1532	6	https://osu.ppy.sh/beatmapsets/1664805/download	9821194
1980692	WereOni	1452	7	https://osu.ppy.sh/beatmapsets/1980692/download	1910766
1939259	[7K] Blazing Inferno	6500	8	https://osu.ppy.sh/beatmapsets/1939259/download	7898495
1939327	[7K] rickrollab	8212	8	https://osu.ppy.sh/beatmapsets/1939327/download	18219603

beatmapsets   players   scores   song

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Search

Select Table: BEATMAPSET   ⇕

Select Columns: BEATMAPSETID ✕   CREATIONDATE ✕   MAPPERID ✕   SONGID ✕   ACTIONS ✕   ⇕

Filter

| Enter filter... | ⓘ | 🔍 |

Special Operations

| Show Special Beatmap View | BPM Search |

Table

BEATMAPSETID	CREAT...		ACTIONS	
2095138	2023-1...		✏	🗑
2095121	2023-1...		✏	🗑
2095134	2023-11-26T07:00:00.000Z	7715620	3	✏ 🗑
2095157	2023-11-26T07:00:00.000Z	5194391	4	✏ 🗑
1980705	2023-04-23T07:00:00.000Z	4050738	5	✏ 🗑
1720005	2022-03-14T07:00:00.000Z	4433058	6	✏ 🗑
1980775	2023-04-23T07:00:00.000Z	11563671	7	✏ 🗑
1664805	2022-01-01T07:00:00.000Z	9821194	8	✏ 🗑
1980693	2023-04-23T07:00:00.000Z	1919766	9	✏ 🗑

Deleting Beatmapset: 1980775   ✕

Are you sure you want to delete this beatmapset?

Cancel   Yes

beatmapsets   players   scores   song

threeohfour!

Search

Select Table: [BEATMAPSET ⇕]

Select Columns: [BEATMAPSETID ×] [CREATIONDATE ×] [MAPPERID ×] [SONGID ×] [ACTIONS × ⇕]

Filter

[Enter filter...] (i) [🔍]

Special Operations

[Show Special Beatmap View] [BPM Search]

Table

BEATMAPSETID	CREATIONDATE	MAPPERID	SONGID	ACTIONS	
2095138	2023-11-26T07:00:00.000Z	5745865	1	✎	🗑
2095121	2023-11-26T07:00:00.000Z	4960893	2	✎	🗑
2095134	2023-11-26T07:00:00.000Z	7715620	3	✎	🗑
2095157	2023-11-26T07:00:00.000Z	5194391	4	✎	🗑
1980705	2023-04-23T07:00:00.000Z	4050738	5	✎	🗑
1720005	2022-03-14T07:00:00.000Z	4433058	6	✎	🗑
1664805	2022-01-01T07:00:00.000Z	9821194	8	✎	🗑
1980692	2023-04-23T07:00:00.000Z	1910766	9	✎	🗑
1939259	2023-02-12T07:00:00.000Z	7898405	10	✎	🗑

beatmapsets   players   scores   song

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Search

Select Table: [BEATMAP ⇅]

Select Columns: [BEATMAPSETID ×] [DIFFICULTYNAME ×] [MAXCOMBO ×] [HPDRAIN ×] [HITOBJECTSURL ×] [MAPPERID ×] ⇅

Filter

[Enter filter... ⓘ] [🔍]

Table

BEATMAPSETID	DIFFICULTYNAME	MAXCOMBO	HPDRAIN	HITOBJECTSURL	MAPPERID
2095157	Extra Stage	1812	5	https://osu.ppy.sh/beatmapsets/2095157/download	5194391
1980705	Hell Oni	1759	3	https://osu.ppy.sh/beatmapsets/1980705/download	4050738
1720005	X	2158	5	https://osu.ppy.sh/beatmapsets/1720005/download	4433058
1664805	Cosmic Cruise	1532	6	https://osu.ppy.sh/beatmapsets/1664805/download	9821194
1980692	WereOni	1452	7	https://osu.ppy.sh/beatmapsets/1980692/download	1910766
1939259	[7K] Blazing Inferno	6500	8	https://osu.ppy.sh/beatmapsets/1939259/download	7898495
1939327	[7K] rickrollab	8212	8	https://osu.ppy.sh/beatmapsets/1939327/download	18219603
1939270	[7K] Event Horizon	3200	8	https://osu.ppy.sh/beatmapsets/1939270/download	3360737
1657994	[7K] Love You (Cut Ver.)	5933	7	https://osu.ppy.sh/beatmapsets/1657994/download	2218047
1939330	[7K] Schadenfreude	8145	8	https://osu.ppy.sh/beatmapsets/1939330/download	18219603

beatmapsets   players   scores   song

notification preview:

Success
Beatmapset deleted successfully ✕

Error

ORA-01407: cannot update
("ORA_MBALSDON"."BEATMAPSET"."SONGID") to NULL

×

UPDATE

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Search

Select Table: | BEATMAPSET |

Select Columns: BEATMAPSETID × CREATIONDATE × MAPPERID × SONGID × ACTIONS ×

Filter

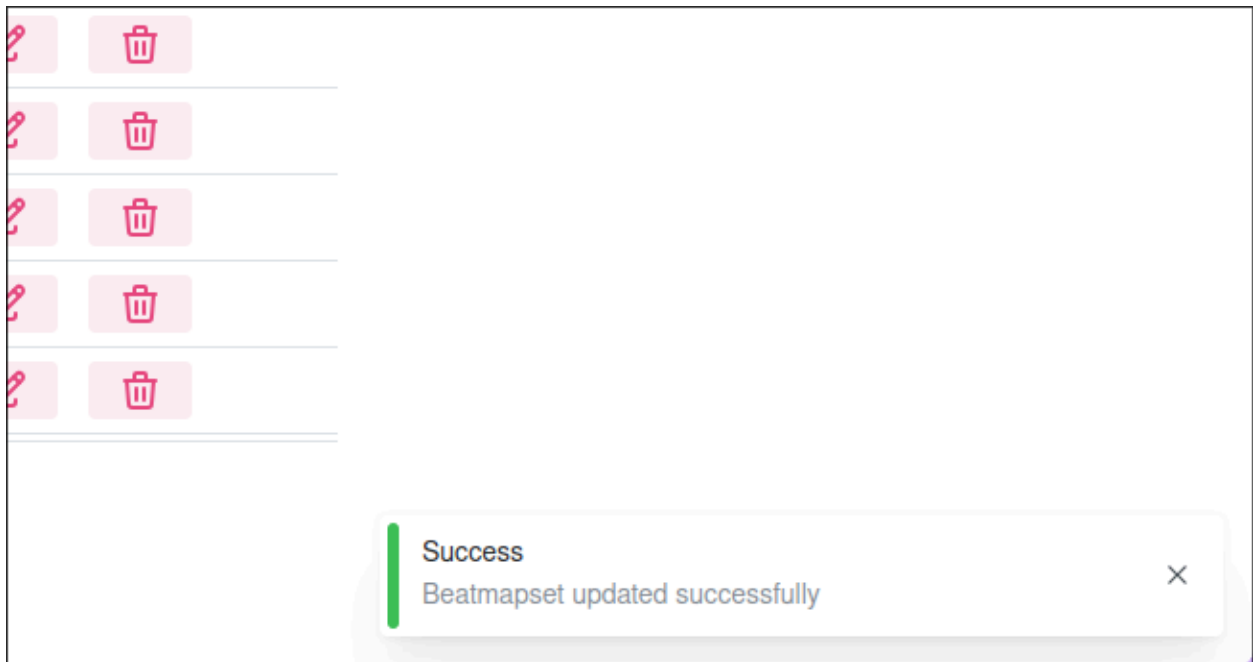Enter filter...   ⓘ   🔍

Special Operations

| Show Special Beatmap View | BPM Search |

Table

BEATMAPSETID	CREATIONDATE	MAPPERID	SONGID	ACTIONS
2095157	2023-11-26T07:00:00.000Z	5194391	4	✏️ 🗑️
1980705	2023-04-23T07:00:00.000Z	4050738	5	✏️ 🗑️
1720005	2022-03-14T07:00:00.000Z	4433058	6	✏️ 🗑️
1664805	2022-01-01T07:00:00.000Z	9821194	8	✏️ 🗑️
1980692	2023-04-23T07:00:00.000Z	1910766	9	✏️ 🗑️
1939259	2023-02-12T07:00:00.000Z	7898495	10	✏️ 🗑️
1939327	2023-02-12T07:00:00.000Z	18219603	11	✏️ 🗑️
1939270	2023-02-12T07:00:00.000Z	3360737	12	✏️ 🗑️

beatmapsets   players   scores   song

✏️

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Search

Select Table: BEATMAPSET

Select Columns: BEATMAPSETID ✕ CREATIONDATE ✕ MAPPERID ✕ SONGID ✕ ACTIONS ✕

Filter
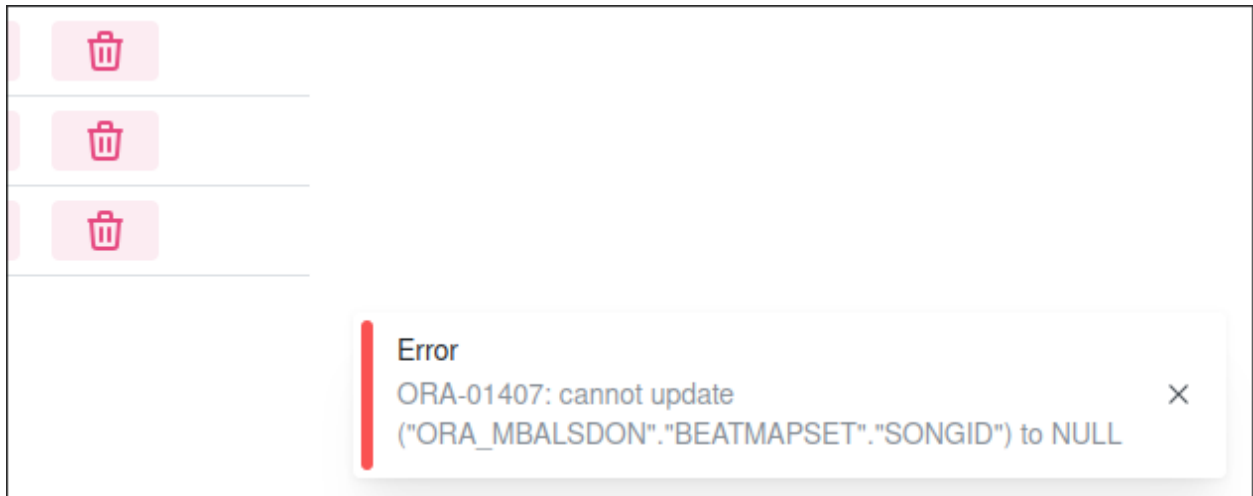
Enter filter... ⓘ 🔍

Special Operations

Show Special Beatmap View

Table

BEATMAPSETID	CREAT			ACTIONS

Updating Beatmapset: 2095157 ✕

Mapper ID: 5194391

Song ID: 10

Creation Date: 0727-11-26T07:00:00.000Z

Cancel   Yes

BEATMAPSETID	CREATIONDATE	SONGID		ACTIONS
2095157	2023-1			✏️ 🗑️
1980705	2023-0			✏️ 🗑️
1720005	2022-0			✏️ 🗑️
1664805	2022-01-01T07:00:00.000Z	9821194	8	✏️ 🗑️
1980692	2023-04-23T07:00:00.000Z	1910766	9	✏️ 🗑️
1939259	2023-02-12T07:00:00.000Z	7898495	10	✏️ 🗑️
1939327	2023-02-12T07:00:00.000Z	18219603	11	✏️ 🗑️
1939270	2023-02-12T07:00:00.000Z	3360737	12	✏️ 🗑️

beatmapsets   players   scores   song

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Search

Select Table:　　　 BEATMAPSET ⌄

Select Columns:　 BEATMAPSETID ✕ 　 CREATIONDATE ✕ 　 MAPPERID ✕ 　 SONGID ✕ 　 ACTIONS ✕ ⌄

Filter

| Enter filter... | ⓘ | 🔍 |

Special Operations

| Show Special Beatmap View | BPM Search |

Table

BEATMAPSETID	CREATIONDATE	MAPPERID	SONGID	ACTIONS
2095157	0727-11-26T07:00:00.000Z	5194391	10	✎ 🗑
1980705	2023-04-23T07:00:00.000Z	4050738	5	✎ 🗑
1720005	2022-03-14T07:00:00.000Z	4433058	6	✎ 🗑
1664805	2022-01-01T07:00:00.000Z	9821194	8	✎ 🗑
1980692	2023-04-23T07:00:00.000Z	1910766	9	✎ 🗑
1939259	2023-02-12T07:00:00.000Z	7898495	10	✎ 🗑
1939327	2023-02-12T07:00:00.000Z	18219603	11	✎ 🗑
1939270	2023-02-12T07:00:00.000Z	3360737	12	✎ 🗑

beatmapsets　 players　 scores　 song

notification preview

Error
ORA-01407: cannot update
("ORA_MBALSDON"."BEATMAPSET"."SONGID") to NULL
✕

Success
Beatmapset updated successfully
✕

SELECTION

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Search

Select Table: PLAYER ⇕

Select Columns: PLAYERID ✕   RANK ✕   USERNAME ✕   JOINDATE ✕   COUNTRYNAME ✕ ⇕

Filter

Enter filter...   ⓘ   🔍

Special Operations

| Players with Avg Score Greater Than | Player + Avg Accuracy | Get Players with Score on All Beatmap |

Table

PLAYERID	RANK	USERNAME	JOINDATE	COUNTRYNAME
7813296	26	hydrogen bomb	2016-01-23T07:00:00.000Z	United States
7075211	161	tekkito	2016-09-11T07:00:00.000Z	United States
4108547	19	WindowLife	2014-03-06T07:00:00.000Z	United States
7562902	2	mrekk	2015-12-12T07:00:00.000Z	Australia
7341183	16	ASecretBox	2015-10-30T07:00:00.000Z	Australia
10466315	362090	Serenhaide	2017-07-06T07:00:00.000Z	Canada
5745865	1761554	Altai	2015-01-24T07:00:00.000Z	United Kingdom
4960893	4493	Djulus	2014-09-22T07:00:00.000Z	Russian Federation
7715620	8020	IsomirDiAngelo	2016-01-08T07:00:00.000Z	France
5194391	8668	Camo	2014-11-11T07:00:00.000Z	United States

beatmapsets   players   scores   song

RANK<20||USERNAME='tekkito'   ⓘ   🔍

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Search

Select Table: PLAYER

Select Columns: PLAYERID RANK USERNAME JOINDATE COUNTRYNAME

Filter

RANK<20||USERNAME='tekkito' ⓘ 🔍

Special Operations

Players with Avg Score Greater Than   Average Accuracy Per Player   Players That have Played All Beatmaps

Table

PLAYERID	RANK	USERNAME	JOINDATE	COUNTRYNAME
7075211	161	tekkito	2016-09-11T07:00:00.000Z	United States
4108547	19	WindowLife	2014-03-06T07:00:00.000Z	United States
7562902	2	mrekk	2015-12-12T07:00:00.000Z	Australia
7341183	16	ASecretBox	2015-10-30T07:00:00.000Z	Australia

PROJECTION

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Search

Select Table: PLAYER

Select Columns: PLAYERID × | RANK × | USERNAME × | JOINDATE × | COUNTRYNAME ×

Filter

Enter filter...

Special Operations

| Players with Avg Score Greater Than | Player + Avg Accuracy | Get Players with Score on All Beatmap |

Table

PLAYERID	RANK	USERNAME	JOINDATE	COUNTRYNAME
7813296	26	hydrogen bomb	2016-01-23T07:00:00.000Z	United States
7075211	161	tekkito	2016-09-11T07:00:00.000Z	United States
4108547	19	WindowLife	2014-03-06T07:00:00.000Z	United States
7562902	2	mrekk	2015-12-12T07:00:00.000Z	Australia
7341183	16	ASecretBox	2015-10-30T07:00:00.000Z	Australia
10466315	362090	Serenhaide	2017-07-06T07:00:00.000Z	Canada
5745865	1761554	Altai	2015-01-24T07:00:00.000Z	United Kingdom
4960893	4493	Djulus	2014-09-22T07:00:00.000Z	Russian Federation
7715620	8020	IsomirDiAngelo	2016-01-08T07:00:00.000Z	France
5194391	8668	Camo	2014-11-11T07:00:00.000Z	United States

beatmapsets   players   scores   song

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Search

Select Table: | PLAYER ⇕

Select Columns: | COUNTRYNAME ✕ ⇕

MANIA

MATCH

✓ PLAYER

SCORE

SONG

STANDARD

Filter

| Enter filter... | | ⓘ | 🔍 |

Special Oper

| Players with Avg | | Get Players with Score on All Beatmap |

Table

PLAYERID	RANK	USERNAME	JOINDATE	COUNTRYNAME
7813296	26	hydrogen bomb	2016-01-23T07:00:00.000Z	United States
7075211	161	tekkito	2016-09-11T07:00:00.000Z	United States
4108547	19	WindowLife	2014-03-06T07:00:00.000Z	United States
7562902	2	mrekk	2015-12-12T07:00:00.000Z	Australia
7341183	16	ASecretBox	2015-10-30T07:00:00.000Z	Australia
10466315	362090	Serenhaide	2017-07-06T07:00:00.000Z	Canada
5745865	1761554	Altai	2015-01-24T07:00:00.000Z	United Kingdom
4960893	4493	Djulus	2014-09-22T07:00:00.000Z	Russian Federation
7715620	8020	IsomirDiAngelo	2016-01-08T07:00:00.000Z	France
5194391	8668	Camo	2014-11-11T07:00:00.000Z	United States

beatmapsets   players   scores   song

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Search

Select Table: SCORE

Select Columns: SCOREID × | MODIFIER × | TOTALSCORE × | COMBO × | ACCURACY × | DATESET × | PLAYERID ×
BEATMAPSETID × | DIFFICULTYNAME × | MATCHID ×

Filter

Enter filter... ⓘ 🔍

Special Operations

Modifier with Highest Avg Accuracy

Table

SCOREID	MODIFIER	TOTALSCORE	COMBO	ACCURACY	DATESET	PLAYERID	BEATMAPSETID	DIFFIC
1	HR	760905	1518	96.48%	2023-12-01T07:00:00.000Z	7813296	2095159	TEMPO BLAST
2	HD	599548	1145	96.39%	2023-12-01T07:00:00.000Z	7075211	2095138	Annihil
3		485149	682	98.13%	2023-12-01T07:00:00.000Z	4108547	2095121	Extra S
4	HD	680844	1163	98.74%	2023-12-01T07:00:00.000Z	7562902	2095134	Consu
5		532323	1186	95.78%	2023-12-01T07:00:00.000Z	7341183	2095157	Extra S
6		468524	620	96.33%	2023-12-01T07:00:00.000Z	7813296	2095138	Annihil
7	HR	556454	687	98.79%	2023-12-01T07:00:00.000Z	7813296	2095121	Extra S
8	HR	558443	1048	94.15%	2023-12-01T07:00:00.000Z	7813296	2095134	Consu
9	HR	714260	1172	98.76%	2023-12-01T07:00:00.000Z	7813296	2095157	Extra S

beatmapsets   players   scores   song

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Table

MODIFIER	COMBO	ACCURACY	DIFFICULTYNAME	MATCHID
HR	1518	96.48%	TEMPORAL BLAST	111534249
HD	1145	96.39%	Annihilation	111534249
	682	98.13%	Extra Stage	111534249
HD	1163	98.74%	Consumed	111534249
	1186	95.78%	Extra Stage	111534249
	620	96.33%	Annihilation	111534249
HR	687	98.79%	Extra Stage	111534249
HR	1048	94.15%	Consumed	111534249
HR	1172	98.76%	Extra Stage	111534249

beatmapsets players scores song

JOIN

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Search

Select Table: BEATMAPSET ⇅

Select Columns: BEATMAPSETID ×   CREATIONDATE ×   MAPPERID ×   SONGID ×   ACTIONS × ⇅

Filter

Enter filter... ⓘ   🔍

Special Operations

Show Special Beatmap View   **BPM Search**

Table

BEATMAPSETID	CREATIONDATE	MAPPERID	SONGID	ACTIONS
2095159	2023-11-26T07:00:00.000Z	10466315	3	✎ 🗑
2095138	2023-11-26T07:00:00.000Z	5745865	1	✎ 🗑
2095121	2023-11-26T07:00:00.000Z	4960893	2	✎ 🗑
2095134	2023-11-26T07:00:00.000Z	7715620	3	✎ 🗑
2095157	0727-11-26T07:00:00.000Z	5194391	10	✎ 🗑
1980705	2023-04-23T07:00:00.000Z	4050738	5	✎ 🗑
1664805	2022-01-01T07:00:00.000Z	9821194	8	✎ 🗑
1980692	2023-04-23T07:00:00.000Z	1910766	9	✎ 🗑

beatmapsets   players   scores   song

Show Special Beatmap View   **BPM Search**

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Search

Select Table: BEATMAPSET

Select Columns: BEATMAPSETID ✕ CREATIONDATE ✕ MAPPERID ✕ SONGID ✕ ACTIONS ✕

Filter

Enter filter... ⓘ 🔍

Special Operations

Show Special Beatmap View   BPM Search

Table

Search Beatmapsets for BPM: ✕

Min BPM: 200

Max BPM: 250

Cancel   Yes

BEATMAPSETID	CREAT...		ACTIONS	
2095159	2023-1		✏️	🗑️
2095138	2023-1		✏️	🗑️
2095121	2023-1		✏️	🗑️
2095134	2023-11-26T07:00:00.000Z	7715620	3	✏️	🗑️
2095157	0727-11-26T07:00:00.000Z	5194391	10	✏️	🗑️
1980705	2023-04-23T07:00:00.000Z	4050738	5	✏️	🗑️
1664805	2022-01-01T07:00:00.000Z	9821194	8	✏️	🗑️
1980692	2023-04-23T07:00:00.000Z	1910766	9	✏️	🗑️

beatmapsets   players   scores   song

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Search

Select Table: BEATMAPSET ⌄

Select Columns: BEATMAPSETID CREATIONDATE MAPPERID SONGID MAPPER BPM GENRE SONG ARTIST ACTIONS ⌄

Filter

Enter filter... ⓘ 🔍

Special Operations

Show Special Beatmap View | BPM Search

Table

BEATMAPSETID	CREATIONDATE	MAPPERID	SONGID	MAPPER	BPM	GENRE	SONG	ARTIST	ACTIONS
2095138	2023-11-26T07:00:00.000Z	5745865	1	Altai	222	Electronic	Fana	ZxNX	✏️ 🗑️
2095121	2023-11-26T07:00:00.000Z	4960893	2	Djulus	240	Rock	Lunate Elf	Aether	✏️ 🗑️
1939330	2023-02-12T07:00:00.000Z	18219603	14	Leeju	240	Electronic	Beyond the Aexis	SDMNE	✏️ 🗑️

beatmapsets   players   scores   song

AGGREGATION with GROUP BY

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Search

Select Table: PLAYER

Select Columns: PLAYERID × RANK × USERNAME × JOINDATE × COUNTRYNAME ×

Filter

Enter filter... ⓘ 🔍

Special Operations

Players with Avg Score Greater Than   Average Accuracy Per Player   Players That have Played All Beatmaps

Table

PLAYERID	RANK	USERNAME	JOINDATE	COUNTRYNAME
7813296	26	hydrogen bomb	2016-01-23T07:00:00.000Z	United States
7075211	161	tekkito	2016-09-11T07:00:00.000Z	United States
4108547	19	WindowLife	2014-03-06T07:00:00.000Z	United States
7562902	2	mrekk	2015-12-12T07:00:00.000Z	Australia
7341183	16	ASecretBox	2015-10-30T07:00:00.000Z	Australia
10466315	362090	Serenhaide	2017-07-06T07:00:00.000Z	Canada
5745865	1761554	Altai	2015-01-24T07:00:00.000Z	United Kingdom
4960893	4493	Djulus	2014-09-22T07:00:00.000Z	Russian Federation
7715620	8020	IsomirDiAngelo	2016-01-08T07:00:00.000Z	France
5194391	8668	Camo	2014-11-11T07:00:00.000Z	United States

beatmapsets   players   scores   song

Average Accuracy Per Player

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Search

Select Table: PLAYER

Select Columns: PLAYERID   NAME   AVERAGEACC

Filter

Enter filter...

Table

PLAYERID	NAME	AVERAGEACC
7341183	ASecretBox	95.78%
4108547	WindowLife	98.13%
7813296	hydrogen bomb	96.90%
7562902	mrekk	98.74%
7075211	tekkito	96.39%
11563671	4sbet1	N/A
5745865	Altai	N/A
5194391	Camo	N/A
4960893	Djulus	N/A
4050738	HiroK	N/A

beatmapsets   players   scores   song

AGGREGATION with HAVING

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Search

Select Table: PLAYER

Select Columns: PLAYERID ×   RANK ×   USERNAME ×   JOINDATE ×   COUNTRYNAME ×

Filter

Enter filter...   ⓘ   🔍

Special Operations

Players with Avg Score Greater Than	Average Accuracy Per Player	Players That have Played All Beatmaps

Table

PLAYERID	RANK	USERNAME	JOINDATE	COUNTRYNAME
7813296	26	hydrogen bomb	2016-01-23T07:00:00.000Z	United States
7075211	161	tekkito	2016-09-11T07:00:00.000Z	United States
4108547	19	WindowLife	2014-03-06T07:00:00.000Z	United States
7562902	2	mrekk	2015-12-12T07:00:00.000Z	Australia
7341183	16	ASecretBox	2015-10-30T07:00:00.000Z	Australia
10466315	362090	Serenhaide	2017-07-06T07:00:00.000Z	Canada
5745865	1761554	Altai	2015-01-24T07:00:00.000Z	United Kingdom
4960893	4493	Djulus	2014-09-22T07:00:00.000Z	Russian Federation
7715620	8020	IsomirDiAngelo	2016-01-08T07:00:00.000Z	France
5194391	8668	Camo	2014-11-11T07:00:00.000Z	United States

beatmapsets   players   scores   song

Players with Avg Score Greater Than

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Search

Select Table: PLAYER

Select Columns: PLAYERID ✕ RANK ✕ USERNAME ✕ JOINDATE ✕ COUNTRYNAME ✕

Filter

Enter filter... ⓘ 🔍

Special Operations

Players with Avg Score Greater Than | Average Accuracy Per Player | Players That have Played All Beatmaps

Table

Filter Players By Min Average Score: ✕

Min Score: 100000

Cancel | Yes

PLAYERID	RANK			COUNTRYNAME
7813296	26			United States
7075211	161			United States
4108547	19			United States
7562902	2	mrekk	2015-12-12T07:00:00.000Z	Australia
7341183	16	ASecretBox	2015-10-30T07:00:00.000Z	Australia
10466315	362090	Serenhaide	2017-07-06T07:00:00.000Z	Canada
5745865	1761554	Altai	2015-01-24T07:00:00.000Z	United Kingdom
4960893	4493	Djulus	2014-09-22T07:00:00.000Z	Russian Federation
7715620	8020	IsomirDiAngelo	2016-01-08T07:00:00.000Z	France
5194391	8668	Camo	2014-11-11T07:00:00.000Z	United States

beatmapsets   players   scores   song

threeohfour!

Search

Select Table: PLAYER   ⇅

Select Columns: PLAYERID   NAME   SCORE   ⇅

Filter

| Enter filter...   ⓘ | 🔍 |

Table

PLAYERID	NAME	SCORE
4108547	WindowLife	485149
7813296	hydrogen bomb	611717
7562902	mrekk	680844
7341183	ASecretBox	532323
7075211	tekkito	599548

beatmapsets   players   scores   song

Nested AGGREGATION with GROUP BY

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Search

Select Table: SCORE ⌄

Select
Columns: SCOREID ✕   MODIFIER ✕   TOTALSCORE ✕   COMBO ✕   ACCURACY ✕   DATESET ✕   PLAYERID ✕   ⌄

  BEATMAPSETID ✕   DIFFICULTYNAME ✕   MATCHID ✕

Filter

| Enter filter... | ⓘ | 🔍 |

Special Operations

Modifier with Highest Avg Accuracy

Table

SCOREID	MODIFIER	TOTALSCORE	COMBO	ACCURACY	DATESET	PLAYERID	BEATMAPSETID	DIFFIC
1	HR	760905	1518	96.48%	2023-12-01T07:00:00.000Z	7813296	2095159	TEMP(BLAST
2	HD	599548	1145	96.39%	2023-12-01T07:00:00.000Z	7075211	2095138	Annihil
3		485149	682	98.13%	2023-12-01T07:00:00.000Z	4108547	2095121	Extra S
4	HD	680844	1163	98.74%	2023-12-01T07:00:00.000Z	7562902	2095134	Consu
5		532323	1186	95.78%	2023-12-01T07:00:00.000Z	7341183	2095157	Extra S
6		468524	620	96.33%	2023-12-01T07:00:00.000Z	7813296	2095138	Annihil
7	HR	556454	687	98.79%	2023-12-01T07:00:00.000Z	7813296	2095121	Extra S
8	HR	558443	1048	94.15%	2023-12-01T07:00:00.000Z	7813296	2095134	Consu
9	HR	714260	1172	98.76%	2023-12-01T07:00:00.000Z	7813296	2095157	Extra S

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Search

Select Table: | SCORE ⇕ |

Select Columns: | MODIFIER   MAXACC ⇕ |

Filter

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Table

MODIFIER	MAXACC
HD	97.56%

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Search

Select Table: [PLAYER ⇕]

Select Columns: [PLAYERID ✕   RANK ✕   USERNAME ✕   JOINDATE ✕   COUNTRYNAME ✕ ⇕]

Filter

[Enter filter... ⓘ] [🔍]

Special Operations

[Players with Avg Score Greater Than] [Average Accuracy Per Player] [Players That have Played All Beatmaps]

Table

PLAYERID	RANK	USERNAME	JOINDATE	COUNTRYNAME
7813296	26	hydrogen bomb	2016-01-23T07:00:00.000Z	United States
7075211	161	tekkito	2016-09-11T07:00:00.000Z	United States
4108547	19	WindowLife	2014-03-06T07:00:00.000Z	United States
7562902	2	mrekk	2015-12-12T07:00:00.000Z	Australia
7341183	16	ASecretBox	2015-10-30T07:00:00.000Z	Australia
10466315	362090	Serenhaide	2017-07-06T07:00:00.000Z	Canada
5745865	1761554	Altai	2015-01-24T07:00:00.000Z	United Kingdom
4960893	4493	Djulus	2014-09-22T07:00:00.000Z	Russian Federation
7715620	8020	IsomirDiAngelo	2016-01-08T07:00:00.000Z	France
5194391	8668	Camo	2014-11-11T07:00:00.000Z	United States

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[**Players That have Played All Beatmaps**]

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Search

Select Table: PLAYER ⇕

Select Columns: PLAYERID   RANK   NAME   JOINDATE   COUNTRYNAME ⇕

Filter

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Table

PLAYERID	RANK	NAME	JOINDATE	COUNTRYNAME
7813296	26	hydrogen bomb	2016-01-23T07:00:00.000Z	United States

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