

v1 Documentation

Link to schema: <https://app.quickdatabasediagrams.com/#/d/EZ0lyA>

Server Database - Schema Version 1

Please bump the version by 1, any time the schema changes.

Also, include the migration plan under app/database/migration/server, update all models, relationships and types.

Lastly, export all PNGs, SVGs, etc under the source project (./docs/database)

If you have any question/queries that you would like to clarify, please reach out to the Mobile Platform Team.

Category

Field	Description	Type	Default	Other
id	server-generated	string		PK
collapsed		bool		
display_name		string		
muted		bool		
sort_order		number		
sorting	alpha, recent, manual	string		
team_id		string		FK, INDEX
type	'channels' 'direct_messages' 'favorites' 'custom'	string		

CategoryChannel

Field	Description	Type	Default	Other
id	composition ID Team.id_Channel.id	string		PK
category_id		string		FK, INDEX
channel_id		string		FK, INDEX
sort_order		number		

Channel

Field	Description	Type	Default	Other
id	server-generated	string		PK, FK
create_at		string		
creator_id		string		FK, INDEX
delete_at		number		
display_name		string		
is_group_constrained		bool		
name		string		INDEX
shared		bool		
team_id		string		FK, INDEX

Field	Description	Type	Default	Other
type		string		
update_at		number		

ChannelInfo

Field	Description	Type	Default	Other
id	same value as Channel.id	string		PK, FK
guest_count		number		
header		string		
member_count		number		
pinned_post_count		number		
purpose		string		

ChannelMembership

Field	Description	Type	Default	Other
id	composition ID Channel.id-User.id	string		PK
channel_id		string		FK, INDEX
user_id		string		FK, INDEX

CustomEmoji

Field	Description	Type	Default	Other
id	auto-generated	string		PK
name		string		

Draft

Field	Description	Type	Default	Other
id	auto-generated	string		PK
channel_id		string		FK, INDEX
files	stringify (array)	string		
message		string		
root_id		string		FK, NULLABLE, INDEX

File

Field	Description	Type	Default	Other
id	server-generated	string		PK
extension		string		
height		number		

Field	Description	Type	Default	Other
image_thumbnail	base64 data string or filepath for video thumbnails	string		
local_path		string		NULLABLE
mime_type		string		
name		string		
post_id		string		FK, INDEX
size		number		
width		number		

MyChannel

Field	Description	Type	Default	Other
id	same as Channel.id	string		PK, FK
is_unread		boolean		
last_post_at		number		
last_viewed_at		number		
manually_unread		boolean		
mentions_count		number		
message_count		number		
roles		string		
viewed_at		number		

MyChannelSettings

Field	Description	Type	Default	Other
id	same as Channel.id	string		PK, FK
notify_props		string		

MyTeam

Field	Description	Type	Default	Other
id	same as Team.id	string		PK, FK
roles		string		

Post

Field	Description	Type	Default	Other
id	server generated	string		PK
channel_id		string		FK, INDEX
create_at		number		
delete_at		number		
edit_at		number		

Field	Description	Type	Default	Other
is_pinned		boolean		
message		string		
metadata		string		NULLABLE
original_id		string		
pending_post_id		string		INDEX
previous_post_id		string		
props		string		
root_id		string		
type		string		
update_at		number		
user_id		string		FK, INDEX

PostsInChannel

Field	Description	Type	Default	Other
id	auto-generated	string		PK
channel_id		string		FK, INDEX
earliest		number		
latest		number		

PostsInThread

Field	Description	Type	Default	Other
id	auto-generated	string		PK
earliest		number		
latest		number		
root_id		string		FK

Preference

Field	Description	Type	Default	Other
id	server-generated	string		PK
category		string		INDEX
name		string		
user_id		string		FK, INDEX
value		string		

Reaction

Field	Description	Type	Default	Other
id	server-generated	string		PK

Field	Description	Type	Default	Other
create_at		number		
emoji_name		string		
post_id		string		FK, INDEX
user_id		string		FK, INDEX

Role

Field	Description	Type	Default	Other
id	server-generated	string		PK
name		string		
permissions	stringify array	string		

System

Field	Description	Type	Default	Other
id	SYSTEM_IDENTIFIERS	string		PK
value		string		

Team

Field	Description	Type	Default	Other
id	server-generated	string		PK
allowed_domains		string		
description		string		
display_name		string		
is_allow_open_invite		boolean		
is_group_constrained		boolean		
last_team_icon_updated_at		number		
name		string		
type		string		
update_at		number		

TeamChannelHistory

Field	Description	Type	Default	Other
id	same as Team.id	string		PK, FK
channel_ids	stringified JSON array; FIFO	string		

TeamMembership

Field	Description	Type	Default	Other
id	auto-generated	string		PK
team_id		string		FK, INDEX

Field	Description	Type	Default	Other
user_id		string		FK, INDEX

TeamSearchHistory

Field	Description	Type	Default	Other
id	auto-generated	string		PK
created_at		number		
display_term		string		
team_id		string		FK
term		string		

Thread

Field	Description	Type	Default	Other
id	similar to Post.id but for root post only	string		PK, FK
is_following		boolean		
last_reply_at		number		
last_viewed_at		number		
reply_count		number		
unread_mentions		number		
unread_replies		number		
viewed_at		number		

ThreadsInTeam

Field	Description	Type	Default	Other
id	auto-generated	string		PK
loaded_in_global_threads		boolean		
team_id		string		FK, INDEX
thread_id		string		INDEX

ThreadParticipant

who is participating in this conversation

Field	Description	Type	Default	Other
id	auto-generated	string		PK
thread_id		string		FK, INDEX
user_id		string		FK, INDEX

User

Field	Description	Type	Default	Other
id	server generated	string		PK
auth_service		string		
delete_at		number		
email		string		
first_name		string		
is_bot		boolean		
is_guest		boolean		
last_name		string		
last_picture_update		number		
locale		string		
nickname		string		
notify_props		string		
position		string		
props		string		
remote_id		string		NULLABLE
roles		string		
status		string		
timezone		string		
update_at		number		
username		string		