

Mattermost mobile app Documentation

Link to diagram: <https://app.quickdatabasediagrams.com/#/d/7cAwTM>

Server Database - Schema Version 2

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		
banner_info		string		
abac_policy_enforced		boolean		

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		
files_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
scheme_admin		bool		

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
update_at		number		

File

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

Group

Field	Description	Type	Default	Other
id	server-generated	string		PK
name		string		INDEX
display_name		string		
description		string		
remote_id		string		INDEX
source		string		
created_at		number		
updated_at		number		
deleted_at		number		

GroupChannel

Field	Description	Type	Default	Other
id	composition ID Group.id-Channel.id	string		PK
group_id		string		FK, INDEX
channel_id		string		FK, INDEX
created_at		number		
updated_at		number		
deleted_at		number		

GroupMembership

Field	Description	Type	Default	Other
id	composition ID Group.id-User.id	string		PK
group_id		string		FK, INDEX
user_id		string		FK, INDEX
created_at		number		
updated_at		number		
deleted_at		number		

GroupTeam

Field	Description	Type	Default	Other
id	composition ID Group.id-Team.id	string		PK
group_id		string		FK, INDEX
team_id		string		FK, INDEX
created_at		number		
updated_at		number		
deleted_at		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

Field	Description	Type	Default	Other
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		
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
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
user_id		string		FK, INDEX
scheme_admin		bool		

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		FK, 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		