

goods

id [varchar, not null, uniq]
user_id [varchar, not null, FK(users)]
tweet_id [varchar, not null, FK(tweets)]
created_at [datatime, not null]
updated_at [datatime, not null]

 $\bar{0}..\bar{N}$

retweets

id [varchar, not null, uniq]
user_id [varchar, not null, FK(users)]
tweet_id [varchar, not null, FK(tweets)]
created_at [datatime, not null]
updated_at [datatime, not null]

book_marks

id [varchar, not null, uniq]
user_id [varchar, not null, FK(users)]
tweet_id [varchar, not null, FK(tweets)]
created_at [datatime, not null]
updated_at [datatime, not null]