Two-way referencing

person

_id	*objectId*	NN
name	*string*	NN
tasks [ ]	*objectId*	NN

task

_id	*objectId*	NN
description	*string*	NN
due_date	*date*	NN
owner	*objectId*	NN

Denormalizing many to one

products

_id	*objectId*	NN
name	*string*	NN
manufacturer	*string*	NN
catalog_number	*string*	NN
parts [ ]	*objectId*	NN

part

_id	*objectId*	NN
name	*string*	NN

Denormalizing one to many

parts

_id	*objectId*	NN
partno	*string*	NN
name	*string*	NN
product_name	*string*	NN
product_catalog_number	*string*	N
qty	*decimal*	NN
cost	*double*	NN
price	*double*	NN

Denormalizing one to squillions

host

_id	*objectId*	NN
name	*string*	NN
ipaddr	*string*	NN

logmsg

_id	*objectId*	NN
time	*date*	NN
message	*string*	NN
ipaddr	*string*	NN
host	*objectId*	NN

Basics: one to few

Embedded Address document.

person

_id	*objectId*	NN
name	*string*	NN
ssn	*string*	NN
addresses [ ]	*objectId*	NN

address

street	*string*	NN
city	*string*	NN
zipcode	*int*	NN
country	*string*	NN

Basics: one to many

products

_id	*objectId*	NN
name	*string*	NN
manufacturer	*string*	NN
catalog_number	*string*	NN
parts [ ]	*objectId*	NN

part

_id	*objectId*	NN
part_no	*string*	NN
name	*string*	NN
qty	*decimal*	NN
cost	*double*	NN
price	*double*	NN

Basics: one to squillions

host

_id	*objectId*	NN
name	*string*	NN
ipaddr	*string*	NN

logmsg

_id	*objectId*	NN
time	*string*	NN
message	*string*	NN
host	*objectId*	NN

Users

_id	*objectId*	NN
email_address	*string*	NN
username	*string*	NN
password	*string*	NN
first_name	*string*	NN
last_name	*string*	NN
profile_pic	*string*	NN
communities [{}]	*Community*	NN
_id	*objectId*	NN
community_name	*string*	NN
thumbnail_pic	*string*	NN

Iterate users and get every member who belongs to the community

Communities

_id	*objectId*	NN
community_name	*string*	NN
thumbnail_pic	*string*	NN
members [ ]	*objectId*	NN
spaces [{}]	*Space*	NN
_id	*objectId*	NN
name	*string*	NN

One to Many Relationship

Spaces

_id	*objectId*	NN
name	*string*	NN
members [ ]	*objectId*	NN

One to Squillions Relationship
Iterate messages and get first 5k messages for a space

Messages

_id	*objectId*	NN
host_space	*objectId*	NN
data	*string*	NN
like_count	*int*	NN

Dereferencing spaces

Space

_id	*objectId*	NN
name	*string*	NN

Dereferencing community for quick access

Community

_id	*objectId*	NN
community_name	*string*	NN
thumbnail_pic	*string*	NN

Extra Documents

Address

street	*string*	NN
city	*string*	NN
zipcode	*int*	NN
country	*string*	NN

Message

_id	*objectId*	NN
data	*string*	NN
author	*objectId*	NN

Social_Media

_id	*objectId*	NN
facebook_url	*string*	
linkedin_url	*string*	
instagram_url	*string*	
twitter_url	*string*	
reddit_url	*string*	
medium_url	*string*	
instagram_username	*string*	
twitter_username	*string*	
reddit_username	*string*	
spotify_url	*string*	NN
spotify_username	*string*	NN

Content Collections

Broadcasts

_id	*objectId*	NN

Rooms

_id	*objectId*	NN

Events

_id	*objectId*	NN

Articles

_id	*objectId*	NN

Videos

_id	*objectId*	NN

Audio

_id	*objectId*	NN