



MongoDB Physical Model

Schema for:

Model name: MongoDB_Mflix_reveng_v2

Author:

Version:

File name: MongoDB_Mflix_reveng_v2.hck.json

File path: /Users/rvanbruggen/Documents/HackoladeRepo/1-Customers/Pepsi/MongoDB_Mflix_reveng_v2.hck.json

Printed On: Thu Sep 07 2023 11:47:44 GMT+0200 (Central European Summer Time)

Created with: [Hackolade](#) - Polyglot data modeling for NoSQL databases, storage formats, REST APIs, and JSON in RDBMS

1. Model

2. Databases

2.1 sample_mflix

2.1.2. Collections

2.1.2.1 Pepsi Coll

2.1.2.2 Movies

2.1.2.3 Comments

2.1.2.4 Users

2.1.2.5 Sessions

2.1.2.6 Theaters

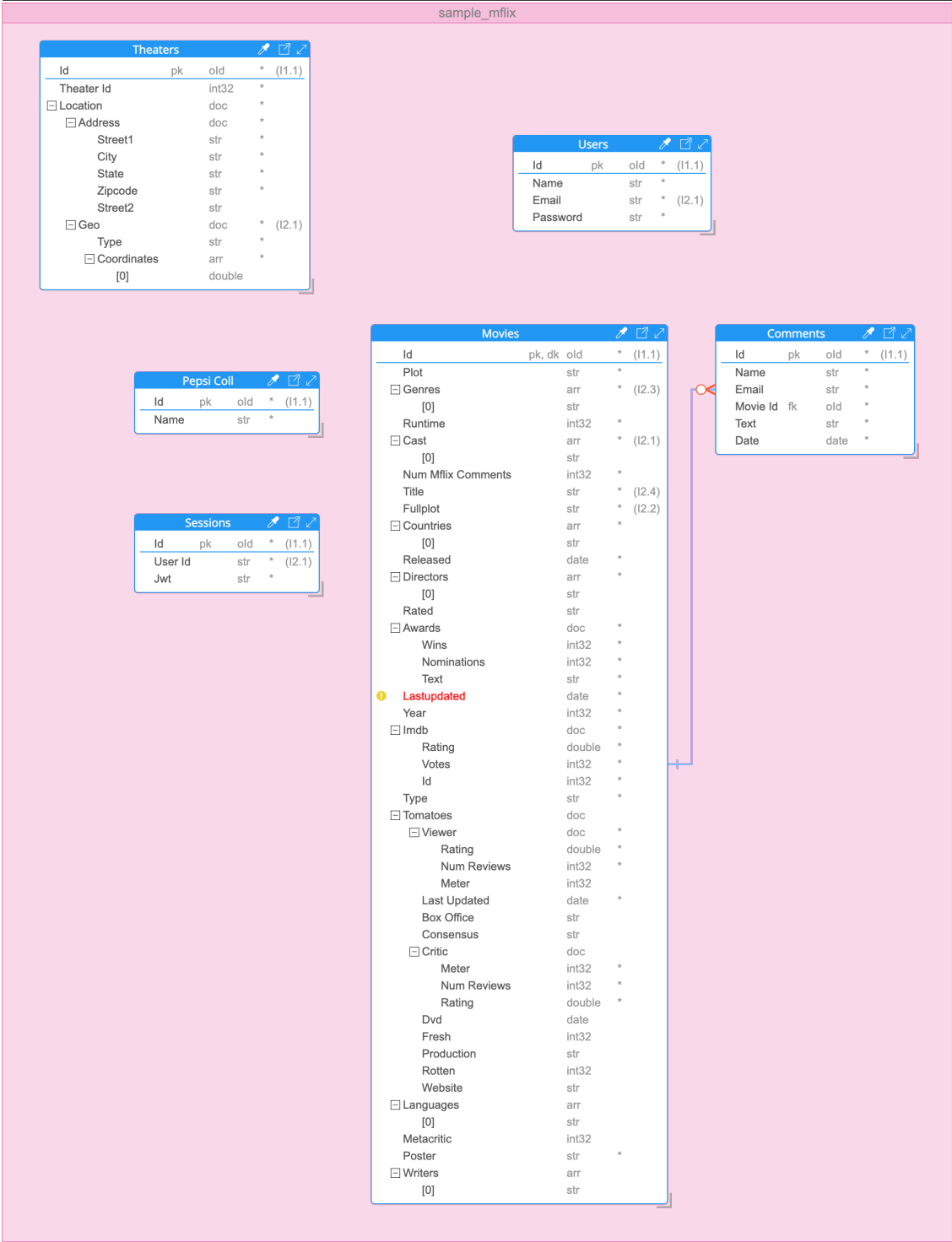
3. Relationships

3.1 fk movies._id to comments.movie_id

1. MODEL

1.1 Model MongoDB_Mflix_reveng_v2

1.1.1 MongoDB_Mflix_reveng_v2 Entity Relationship Diagram



1.1.2 MongoDB_Mflix_reveng_v2 Properties

1.1.2.1 Details tab

PROPERTY	VALUE
Model name	MongoDB_Mflix_reveng_v2
Technical name	
Description	
Author	
Version	
Target	MongoDB
DB version	v6.0
Synchronization Id	
Lineage capture	
Polyglot models	
Comments	

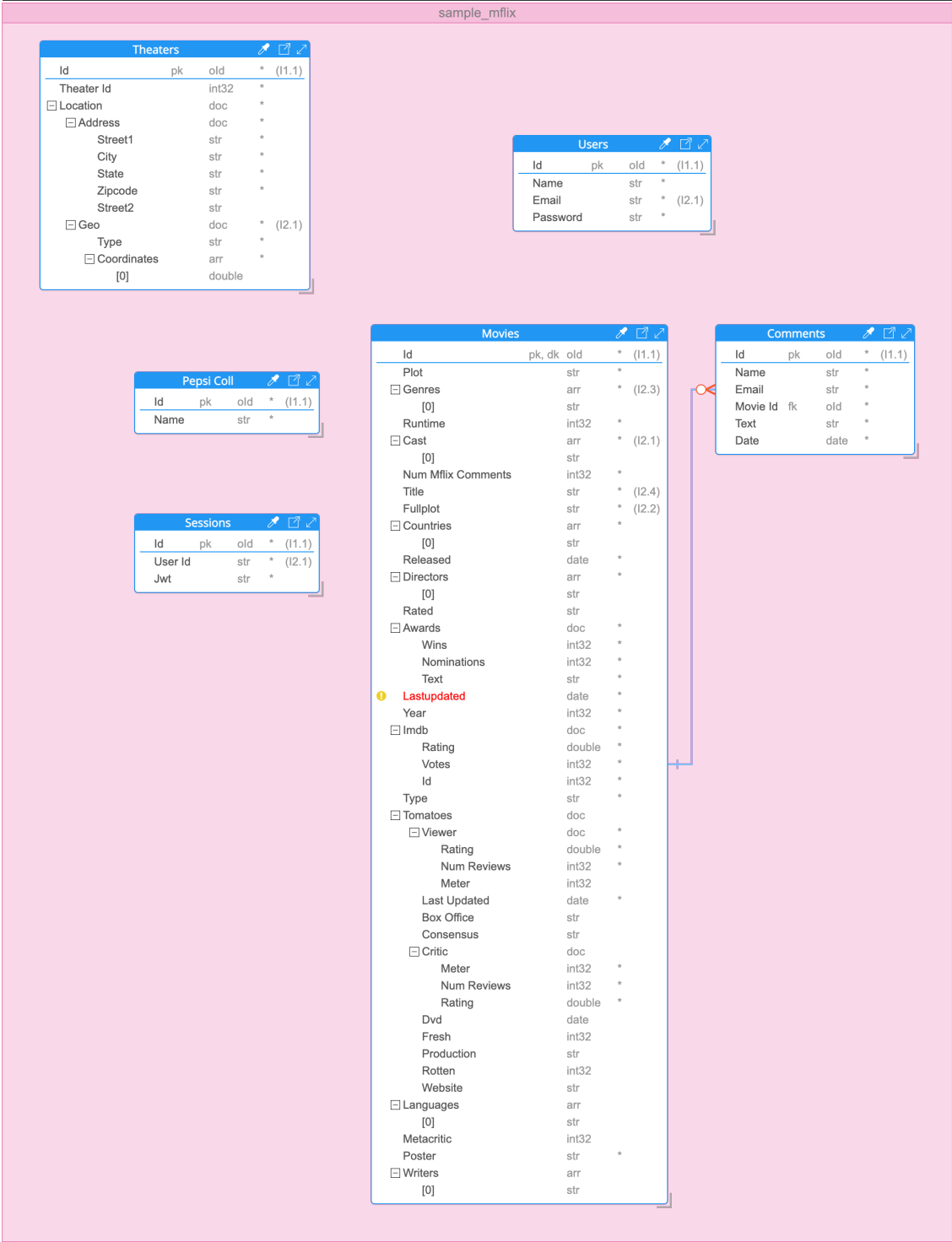
1.1.2.2 Options tab

PROPERTY	VALUE
Color	

1.1.3 MongoDB_Mflix_reveng_v2 DB Definitions

2. DATABASES

2.1 Database sample_mflix



2.1.1 sample_mflix Properties

PROPERTY	VALUE
Database name	sample_mflix
Technical name	sample_mflix
Activated	true
Enable sharding	
Description	
Comments	

2.1.2 sample_mflix Collections

2.1.2.1 Collection Pepsi Coll

2.1.2.1.1 Pepsi Coll Properties

PROPERTY	VALUE
Collection name	Pepsi Coll
Technical name	PepsiColl
Activated	true
Id	
\$ref	
Description	
Database	sample_mflix
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Workload analysis	
[1] Actor	
Description	
Number of documents	
Avg document size (Bytes)	
Read-to-Write ratio	
Keep forever	
Retention (months)	
Write operations	
Read operations	
Comments	

2.1.2.1.2 Pepsi Coll Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Id	objectId	true	pk		
Name	string	true			

2.1.2.1.2.1 Field Id

2.1.2.1.2.1.1 Id Tree Diagram

{_id}	Id
(11.1)	<i>objectId</i>

2.1.2.1.2.1.2 Id properties

PROPERTY	VALUE
Name	Id
Technical name	_id
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Sample	
Comments	

2.1.2.1.2.2 Field Name

2.1.2.1.2.2.1 Name Tree Diagram



2.1.2.1.2.2.2 Name properties

PROPERTY	VALUE
Name	Name
Technical name	name
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	zebra
Comments	

2.1.2.1.3 Pepsi Coll Indexes

PROPERTY	_ID_
Name	_id_
Activated	
Key	Id('ascending')
Wildcard index	
Hashed	
Unique	
Drop duplicates	
Sparse	
Background indexing	
Partial filter exp	
Expire after (seconds)	
Storage engine	
Comments	

2.1.2.1.4 Pepsi Coll JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Pepsi Coll",
  "properties": {
    "_id": {
      "type": "string",
      "title": "Id",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "name": {
      "type": "string",
      "title": "Name"
    }
  },
  "additionalProperties": true,
  "required": [
    "_id",
    "name"
  ]
}
```

2.1.2.1.5 Pepsi Coll JSON data

```
{
  "_id": ObjectId("fcd8be7fec1cc4a60cc3dbcf"),
  "name": "zebra"
}
```

2.1.2.2 Collection Movies

2.1.2.2.1 Movies Properties

PROPERTY	VALUE
Collection name	Movies
Technical name	movies
Activated	true
Id	
\$ref	
Description	
Database	sample_mflix
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Workload analysis	
[1] Actor	
Description	
Number of documents	
Avg document size (Bytes)	
Read-to-Write ratio	
Keep forever	
Retention (months)	
Write operations	
Read operations	
Comments	

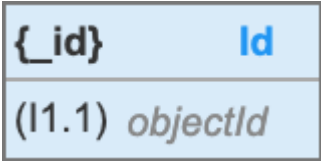
2.1.2.2.2 Movies Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Id	objectId	true	pk, dk		
Plot	string	true			
Genres	array	true			
[0]	string	false			
Runtime	integer32	true			
Cast	array	true			
[0]	string	false			
Num Mflix Comments	integer32	true			
Title	string	true			
Fullplot	string	true			
Countries	array	true			
[0]	string	false			
Released	date	true			
Directors	array	true			
[0]	string	false			
Rated	string	false			
Awards	document	true			
Wins	integer32	true			
Nominations	integer32	true			
Text	string	true			
Lastupdated	date	true			
Year	integer32	true			
Imdb	document	true			
Rating	double	true			
Votes	integer32	true			
Id	integer32	true			
Type	string	true			
Tomatoes	document	false			
Viewer	document	true			
Rating	double	true			
Num Reviews	integer32	true			
Meter	integer32	false			
Last Updated	date	true			
Box Office	string	false			
Consensus	string	false			
Critic	document	false			
Meter	integer32	true			
Num Reviews	integer32	true			
Rating	double	true			
Dvd	date	false			
Fresh	integer32	false			
Production	string	false			
Rotten	integer32	false			
Website	string	false			
Languages	array	false			
[0]	string	false			
Metacritic	integer32	false			
Poster	string	true			

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Writers	array	false			
[0]	string	false			

2.1.2.2.2.1 Field Id

2.1.2.2.2.1.1 Id Tree Diagram



2.1.2.2.2.1.2 Id properties

PROPERTY	VALUE
Name	Id
Technical name	_id
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Sample	
Comments	

2.1.2.2.2.2 Field Plot

2.1.2.2.2.2.1 Plot Tree Diagram



2.1.2.2.2.2 Plot properties

PROPERTY	VALUE
Name	Plot
Technical name	plot
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Some family secrets cannot bear the daylight.
Comments	

2.1.2.2.2.3 Field Genres

2.1.2.2.2.3.1 Genres Tree Diagram



2.1.2.2.2.3.2 Genres Hierarchy

Parent field: **Movies**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.2.3.3 Genres properties

PROPERTY	VALUE
Name	Genres
Technical name	genres
Activated	true
Id	
Field-level encryption	
Type	array
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Min items	
Max items	
Unique items	
Additional items	true
Quantification	
Comments	

2.1.2.2.2.4 Field [0]

2.1.2.2.2.4.1 [0] Tree Diagram



2.1.2.2.4.2 [0] properties

PROPERTY	VALUE
Display name	
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Primary key	
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Drama
Comments	

2.1.2.2.5 Field Runtime

2.1.2.2.5.1 Runtime Tree Diagram

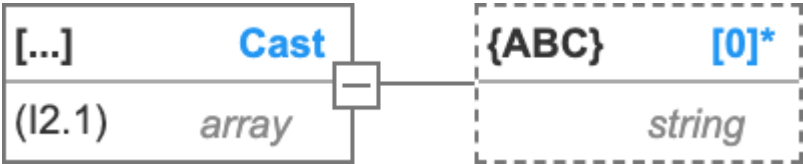
{123}	Runtime
	<i>numeric</i>

2.1.2.2.5.2 Runtime properties

PROPERTY	VALUE
Name	Runtime
Technical name	runtime
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	240
Comments	

2.1.2.2.6 Field Cast

2.1.2.2.6.1 Cast Tree Diagram



2.1.2.2.6.2 Cast Hierarchy

Parent field: **Movies**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.2.2.6.3 Cast properties

PROPERTY	VALUE
Name	Cast
Technical name	cast
Activated	true
Id	
Field-level encryption	
Type	array
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Min items	
Max items	
Unique items	
Additional items	true
Quantification	
Comments	

2.1.2.2.2.7 Field [0]

2.1.2.2.2.7.1 [0] Tree Diagram



2.1.2.2.2.7.2 [0] properties

PROPERTY	VALUE
Display name	
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Primary key	
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Toni Collette
Comments	

2.1.2.2.2.8 Field Num Mflix Comments

2.1.2.2.2.8.1 Num Mflix Comments Tree Diagram

{123}	Num Mflix Comments
	<i>numeric</i>

2.1.2.2.2.8.2 Num Mflix Comments properties

PROPERTY	VALUE
Name	Num Mflix Comments
Technical name	num_mflix_comments
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	127
Comments	

2.1.2.2.2.9 Field Title

2.1.2.2.2.9.1 Title Tree Diagram

{ABC}	Title
(I2.4)	string

2.1.2.2.2.9.2 Title properties

PROPERTY	VALUE
Name	Title
Technical name	title
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Daylight
Comments	

2.1.2.2.2.10 Field Fullplot

2.1.2.2.2.10.1 Fullplot Tree Diagram

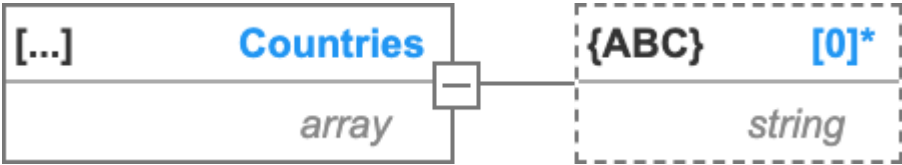
{ABC}	Fullplot
(I2.2)	string

2.1.2.2.10.2 Fullplot properties

PROPERTY	VALUE
Name	Fullplot
Technical name	fullplot
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	<p>The lawyer, Iris Boelens, begins having problems with her mild-autistic son Aaron. As her son gets suspended for a week, Iris asks her mom Ageeth permission to spend that time in her house. A fish tank specialist, who drops by to take care of the aquarium, casually says that Aaron reminds him of her brother Ray. Iris is unique child, therefore the reluctance of her mother to talk about this fact unchains a set of contradictory events in the otherwise stressed lawyer. Iris has been hired by the rich lady owner of Benshop enterprises to investigate the accusations of child pornography filmmaker made against her dissolute son. Iris discovers in the office of her mother the real existence of her brother Ray. Through the Internet she came upon the fact that he was declared guilty of killing his companion Rosita and her baby Anna. Ray is an autistic man, who after a deficient official investigation and the bungled decision of a judge was condemned to 20 years in correctional mental health facility. The body of the baby was never found. Iris visits her brother at the forensic clinic and gets a reopening of the case. It is when she starts receiving death threats to abandon the investigation. Someone tried to kill her and Aaron by pushing their car over a river cliffs. Iris discovers that Ray's case is the product of Ageeth, their own mother's machinations. She has been all along the secret lover of the millionaire Twan Benshop. Through Rosita's mother Dina, Iris learns that Ageeth had met once Ray and Rosita with their baby. Ageeth disapproved of Ray relation with a prostitute and doubted the paternity of his daughter Anna. By accident boiling water had fallen on Anna and at her cries and his own desperation, Ray had called his mother. Ageeth came to her son's apartment and took control of the situation. She realized that the baby had to be taken care of immediately. Ageeth made it to the door with the burned Anna. As she was leaving, Rosita misunderstood her intentions and tried to stab Ageeth with a kitchen knife. In the ensuing struggle, Rosita is badly wounded.</p>
Comments	

2.1.2.2.11 Field Countries

2.1.2.2.2.11.1 Countries Tree Diagram



2.1.2.2.2.11.2 Countries Hierarchy

Parent field: **Movies**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.2.2.11.3 Countries properties

PROPERTY	VALUE
Name	Countries
Technical name	countries
Activated	true
Id	
Field-level encryption	
Type	array
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Min items	
Max items	
Unique items	
Additional items	true
Quantification	
Comments	

2.1.2.2.2.12 Field [0]

2.1.2.2.2.12.1 [0] Tree Diagram



2.1.2.2.2.12.2 [0] properties

PROPERTY	VALUE
Display name	
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Primary key	
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Australia
Comments	

2.1.2.2.2.13 Field Released

2.1.2.2.2.13.1 Released Tree Diagram

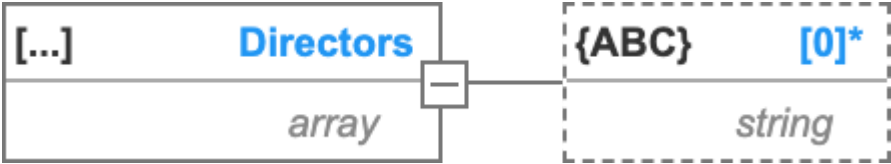
{dt}	Released
	date

2.1.2.2.2.13.2 Released properties

PROPERTY	VALUE
Name	Released
Technical name	released
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Now	
Faker function	
Sample	
Comments	

2.1.2.2.2.14 Field Directors

2.1.2.2.2.14.1 Directors Tree Diagram



2.1.2.2.2.14.2 Directors Hierarchy

Parent field: **Movies**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.2.2.14.3 Directors properties

PROPERTY	VALUE
Name	Directors
Technical name	directors
Activated	true
Id	
Field-level encryption	
Type	array
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Min items	
Max items	
Unique items	
Additional items	true
Quantification	
Comments	

2.1.2.2.2.15 Field [0]

2.1.2.2.2.15.1 [0] Tree Diagram



2.1.2.2.2.15.2 [0] properties

PROPERTY	VALUE
Display name	
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Primary key	
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Sue Brooks
Comments	

2.1.2.2.2.16 Field Rated

2.1.2.2.2.16.1 Rated Tree Diagram

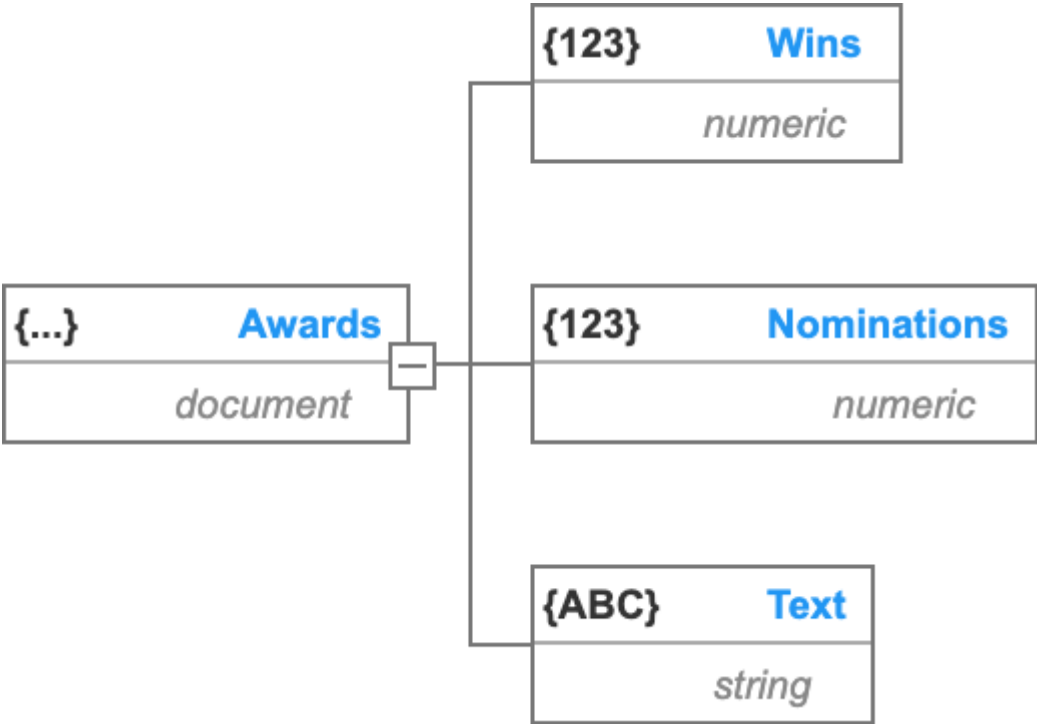


2.1.2.2.2.16.2 Rated properties

PROPERTY	VALUE
Name	Rated
Technical name	rated
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	false
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	R
Comments	

2.1.2.2.2.17 Field Awards

2.1.2.2.2.17.1 Awards Tree Diagram



2.1.2.2.2.17.2 Awards Hierarchy

Parent field: **Movies**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Wins	numeric	true			
Nominations	numeric	true			
Text	string	true			

2.1.2.2.2.17.3 Awards properties

PROPERTY	VALUE
Name	Awards
Technical name	awards
Activated	true
Id	
Field-level encryption	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
DBRef	
Min Properties	
Max Properties	
Additional properties	true
Comments	

2.1.2.2.2.18 Field Wins

2.1.2.2.2.18.1 Wins Tree Diagram

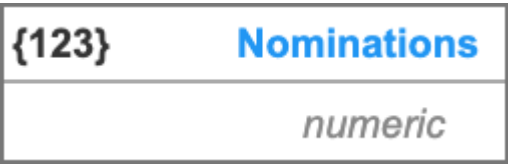
{123}	Wins
<i>numeric</i>	

2.1.2.2.2.18.2 Wins properties

PROPERTY	VALUE
Name	Wins
Technical name	wins
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	105
Comments	

2.1.2.2.2.19 Field Nominations

2.1.2.2.2.19.1 Nominations Tree Diagram



2.1.2.2.2.19.2 Nominations properties

PROPERTY	VALUE
Name	Nominations
Technical name	nominations
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	100
Comments	

2.1.2.2.2.20 Field Text

2.1.2.2.2.20.1 Text Tree Diagram



2.1.2.2.20.2 Text properties

PROPERTY	VALUE
Name	Text
Technical name	text
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	1 win & 3 nominations.
Comments	

2.1.2.2.21 Field Lastupdated

2.1.2.2.21.1 Lastupdated Tree Diagram



2.1.2.2.21.2 Lastupdated properties

PROPERTY	VALUE
Name	Lastupdated
Technical name	lastupdated
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Now	
Faker function	
Sample	ISODate("2015-08-26 00:59:08.8700000000")
Comments	

2.1.2.2.22 Field Year

2.1.2.2.22.1 Year Tree Diagram

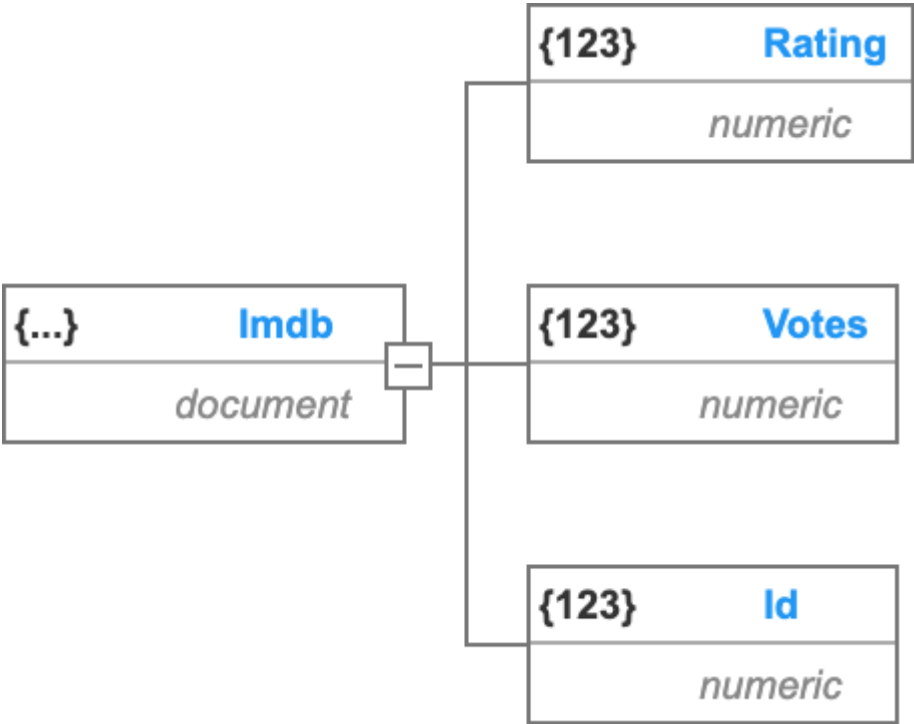


2.1.2.2.22.2 Year properties

PROPERTY	VALUE
Name	Year
Technical name	year
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	2013
Comments	

2.1.2.2.23 Field Imdb

2.1.2.2.2.23.1 Imdb Tree Diagram



2.1.2.2.2.23.2 Imdb Hierarchy

Parent field: **Movies**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Rating	numeric	true			
Votes	numeric	true			
Id	numeric	true			

2.1.2.2.23.3 Imdb properties

PROPERTY	VALUE
Name	Imdb
Technical name	imdb
Activated	true
Id	
Field-level encryption	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
DBRef	
Min Properties	
Max Properties	
Additional properties	true
Comments	

2.1.2.2.24 Field Rating

2.1.2.2.24.1 Rating Tree Diagram



2.1.2.2.24.2 Rating properties

PROPERTY	VALUE
Name	Rating
Technical name	rating
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	double
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	6.7
Comments	

2.1.2.2.25 Field Votes

2.1.2.2.25.1 Votes Tree Diagram



2.1.2.2.25.2 Votes properties

PROPERTY	VALUE
Name	Votes
Technical name	votes
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	973663
Comments	

2.1.2.2.26 Field Id

2.1.2.2.26.1 Id Tree Diagram



2.1.2.2.26.2 Id properties

PROPERTY	VALUE
Name	Id
Technical name	id
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	2359002
Comments	

2.1.2.2.27 Field Type

2.1.2.2.27.1 Type Tree Diagram

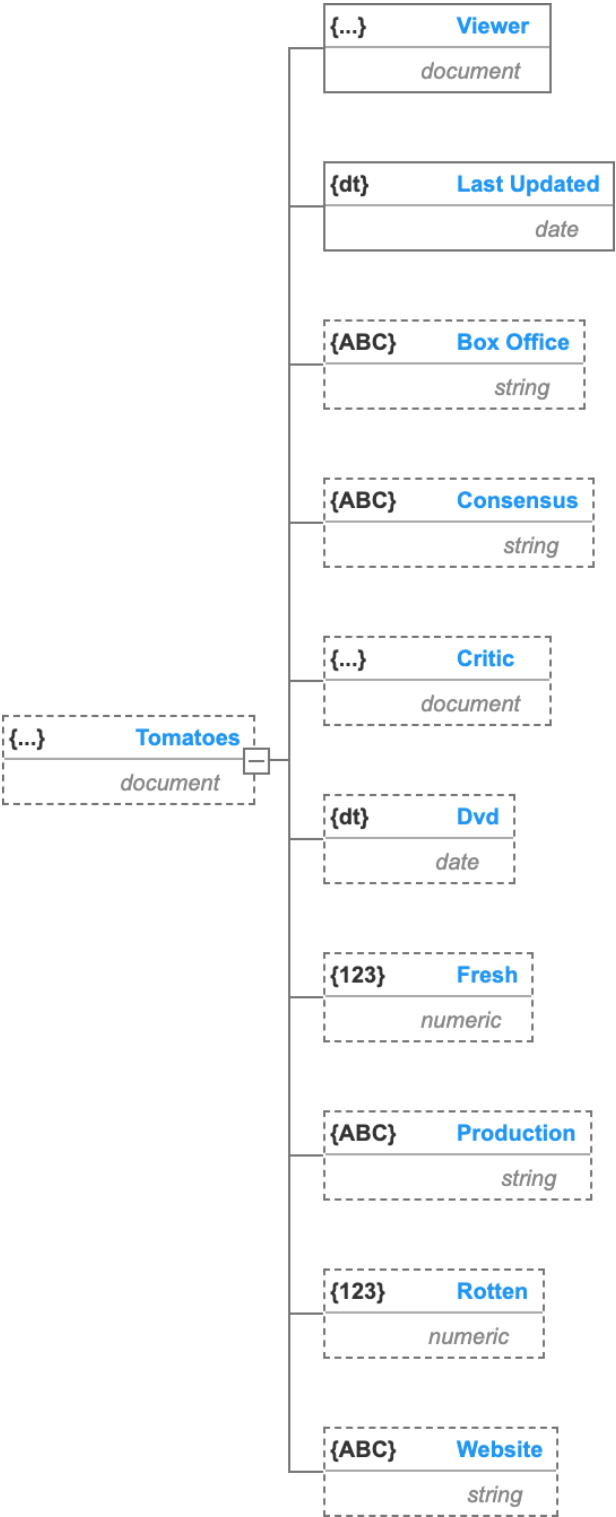


2.1.2.2.2.27.2 Type properties

PROPERTY	VALUE
Name	Type
Technical name	type
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	movie
Comments	

2.1.2.2.2.28 Field Tomatoes

2.1.2.2.28.1 Tomatoes Tree Diagram



2.1.2.2.28.2 Tomatoes Hierarchy

Parent field: **Movies**
Child field(s):

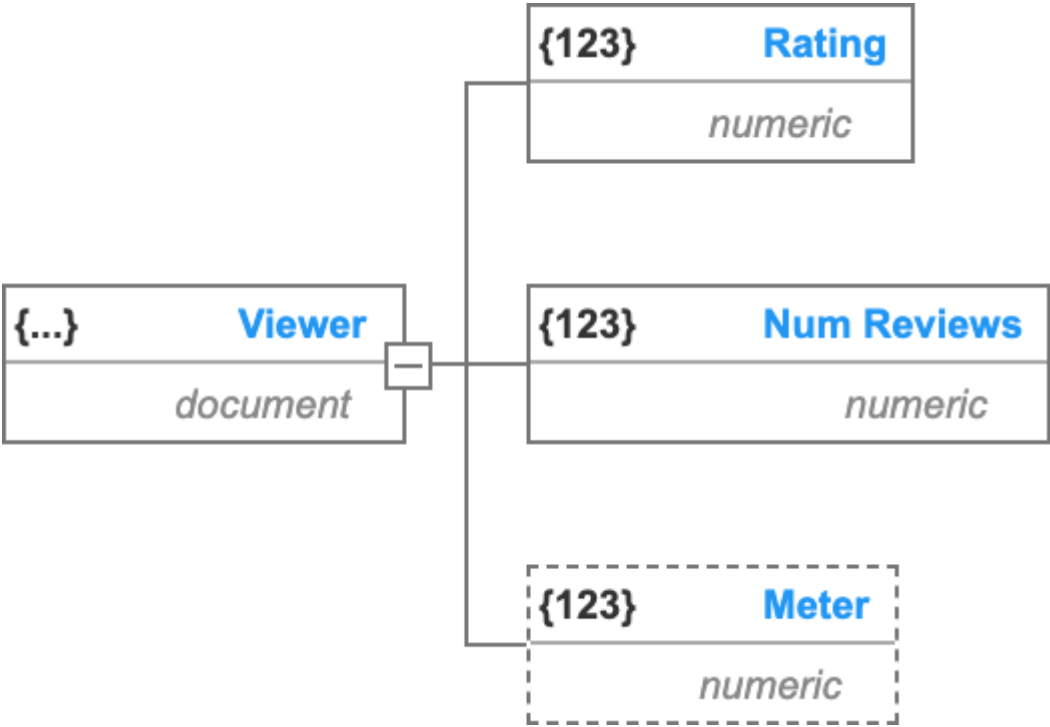
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Viewer	document	true			
Last Updated	date	true			
Box Office	string	false			
Consensus	string	false			
Critic	document	false			
Dvd	date	false			
Fresh	numeric	false			
Production	string	false			
Rotten	numeric	false			
Website	string	false			

2.1.2.2.28.3 Tomatoes properties

PROPERTY	VALUE
Name	Tomatoes
Technical name	tomatoes
Activated	true
Id	
Field-level encryption	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
DBRef	
Min Properties	
Max Properties	
Additional properties	true
Comments	

2.1.2.2.29 Field Viewer

2.1.2.2.2.29.1 Viewer Tree Diagram



2.1.2.2.2.29.2 Viewer Hierarchy

Parent field: **Tomatoes**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Rating	numeric	true			
Num Reviews	numeric	true			
Meter	numeric	false			

2.1.2.2.2.29.3 Viewer properties

PROPERTY	VALUE
Name	Viewer
Technical name	viewer
Activated	true
Id	
Field-level encryption	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
DBRef	
Min Properties	
Max Properties	
Additional properties	true
Comments	

2.1.2.2.2.30 Field Rating

2.1.2.2.2.30.1 Rating Tree Diagram



2.1.2.2.2.30.2 Rating properties

PROPERTY	VALUE
Name	Rating
Technical name	rating
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	double
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	3.5
Comments	

2.1.2.2.2.31 Field Num Reviews

2.1.2.2.2.31.1 Num Reviews Tree Diagram

{123}	Num Reviews
	numeric

2.1.2.2.2.31.2 Num Reviews properties

PROPERTY	VALUE
Name	Num Reviews
Technical name	numReviews
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	1335454
Comments	

2.1.2.2.2.32 Field Meter

2.1.2.2.2.32.1 Meter Tree Diagram



2.1.2.2.2.32.2 Meter properties

PROPERTY	VALUE
Name	Meter
Technical name	meter
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	96
Comments	

2.1.2.2.2.33 Field Last Updated

2.1.2.2.2.33.1 Last Updated Tree Diagram

{dt}	Last Updated
	date

2.1.2.2.2.33.2 Last Updated properties

PROPERTY	VALUE
Name	Last Updated
Technical name	lastUpdated
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Now	
Faker function	
Sample	
Comments	

2.1.2.2.2.34 Field Box Office

2.1.2.2.2.34.1 Box Office Tree Diagram



2.1.2.2.2.34.2 Box Office properties

PROPERTY	VALUE
Name	Box Office
Technical name	boxOffice
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	false
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	\$339.7M
Comments	

2.1.2.2.2.35 Field Consensus

2.1.2.2.2.35.1 Consensus Tree Diagram

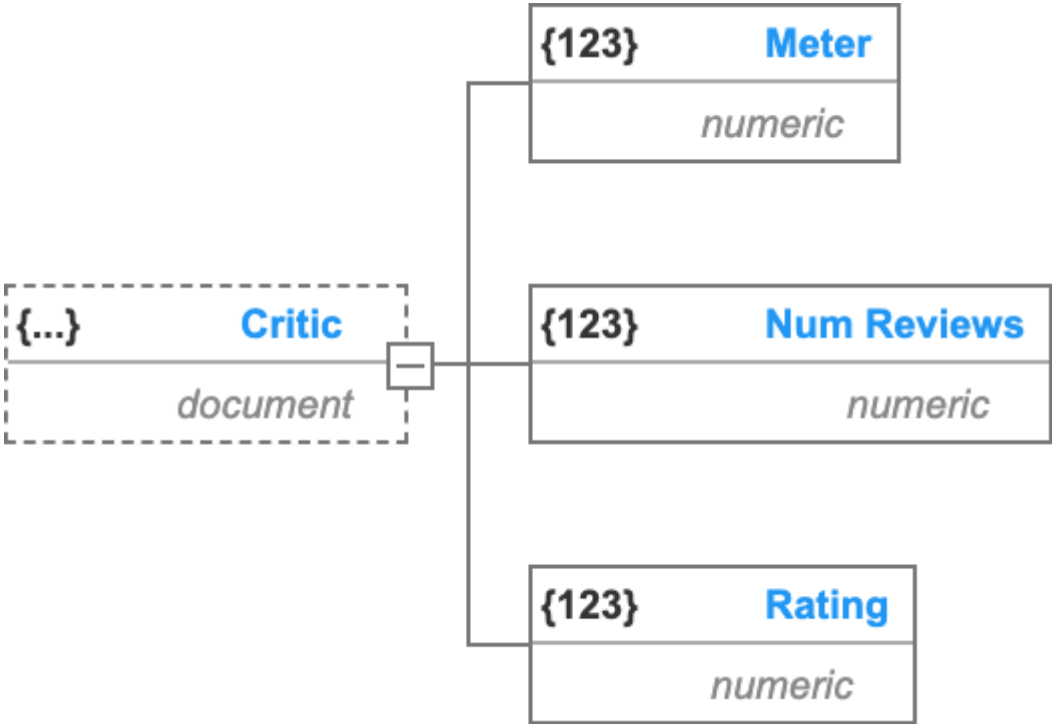


2.1.2.2.2.35.2 Consensus properties

PROPERTY	VALUE
Name	Consensus
Technical name	consensus
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	false
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Though The Nines doesn't solidify as well as writer/director John August would hope for, Ryan Reynolds's strong performance makes each of the film's intriguing segments worth watching.
Comments	

2.1.2.2.2.36 Field Critic

2.1.2.2.2.36.1 Critic Tree Diagram



2.1.2.2.2.36.2 Critic Hierarchy

Parent field: **Tomatoes**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Meter	numeric	true			
Num Reviews	numeric	true			
Rating	numeric	true			

2.1.2.2.2.36.3 Critic properties

PROPERTY	VALUE
Name	Critic
Technical name	critic
Activated	true
Id	
Field-level encryption	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
DBRef	
Min Properties	
Max Properties	
Additional properties	true
Comments	

2.1.2.2.2.37 Field Meter

2.1.2.2.2.37.1 Meter Tree Diagram



2.1.2.2.2.37.2 Meter properties

PROPERTY	VALUE
Name	Meter
Technical name	meter
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	100
Comments	

2.1.2.2.2.38 Field Num Reviews

2.1.2.2.2.38.1 Num Reviews Tree Diagram

{123}	Num Reviews
	<i>numeric</i>

2.1.2.2.2.38.2 Num Reviews properties

PROPERTY	VALUE
Name	Num Reviews
Technical name	numReviews
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	247
Comments	

2.1.2.2.2.39 Field Rating

2.1.2.2.2.39.1 Rating Tree Diagram



2.1.2.2.39.2 Rating properties

PROPERTY	VALUE
Name	Rating
Technical name	rating
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	double
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	6.4
Comments	

2.1.2.2.2.40 Field Dvd

2.1.2.2.40.1 Dvd Tree Diagram



2.1.2.2.40.2 Dvd properties

PROPERTY	VALUE
Name	Dvd
Technical name	dvd
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Now	
Faker function	
Sample	
Comments	

2.1.2.2.2.41 Field Fresh

2.1.2.2.2.41.1 Fresh Tree Diagram



2.1.2.2.2.41.2 Fresh properties

PROPERTY	VALUE
Name	Fresh
Technical name	fresh
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	236
Comments	

2.1.2.2.2.42 Field Production

2.1.2.2.2.42.1 Production Tree Diagram



2.1.2.2.2.42.2 Production properties

PROPERTY	VALUE
Name	Production
Technical name	production
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	false
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Newmarket
Comments	

2.1.2.2.2.43 Field Rotten

2.1.2.2.2.43.1 Rotten Tree Diagram



2.1.2.2.2.43.2 Rotten properties

PROPERTY	VALUE
Name	Rotten
Technical name	rotten
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	29
Comments	

2.1.2.2.2.44 Field Website

2.1.2.2.2.44.1 Website Tree Diagram



2.1.2.2.2.44.2 Website properties

PROPERTY	VALUE
Name	Website
Technical name	website
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	false
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	http://daglichtdefilm.nl/
Comments	

2.1.2.2.2.45 Field Languages

2.1.2.2.2.45.1 Languages Tree Diagram



2.1.2.2.2.45.2 Languages Hierarchy

Parent field: **Movies**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.2.2.45.3 Languages properties

PROPERTY	VALUE
Name	Languages
Technical name	languages
Activated	true
Id	
Field-level encryption	
Type	array
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Min items	
Max items	
Unique items	
Additional items	true
Quantification	
Comments	

2.1.2.2.2.46 Field [0]

2.1.2.2.2.46.1 [0] Tree Diagram



2.1.2.2.2.46.2 [0] properties

PROPERTY	VALUE
Display name	
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Primary key	
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	English
Comments	

2.1.2.2.2.47 Field Metacritic

2.1.2.2.2.47.1 Metacritic Tree Diagram



2.1.2.2.2.47.2 Metacritic properties

PROPERTY	VALUE
Name	Metacritic
Technical name	metacritic
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	88
Comments	

2.1.2.2.2.48 Field Poster

2.1.2.2.2.48.1 Poster Tree Diagram



2.1.2.2.2.48.2 Poster properties

PROPERTY	VALUE
Name	Poster
Technical name	poster
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	https://m.media-amazon.com/images/M/MV5BMjExNDUyODgxM15BMI5BanBnXkFtZTcwNDQ4MzgxOQ@@._V1_SY1000_SX677_AL_.jpg
Comments	

2.1.2.2.2.49 Field Writers

2.1.2.2.2.49.1 Writers Tree Diagram



2.1.2.2.2.49.2 Writers Hierarchy

Parent field: **Movies**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.2.2.49.3 Writers properties

PROPERTY	VALUE
Name	Writers
Technical name	writers
Activated	true
Id	
Field-level encryption	
Type	array
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Min items	
Max items	
Unique items	
Additional items	true
Quantification	
Comments	

2.1.2.2.2.50 Field [0]

2.1.2.2.2.50.1 [0] Tree Diagram



2.1.2.2.2.50.2 [0] properties

PROPERTY	VALUE
Display name	
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Primary key	
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Alison Tilson
Comments	

2.1.2.2.3 Movies Indexes

PROPERTY	_ID_	CAST_TEXT_FULLPLOT_TEXT_GENRES_TEXT_TITLE_TEXT
Name	_id_	cast_text_fullplot_text_genres_text_title_text
Activated		
Key	Id('ascending')	Cast('text'), Fullplot('text'), Genres('text'), Title('text')
Wildcard index		
Hashed		
Unique		
Drop duplicates		
Sparse		
Background indexing		
Partial filter exp		
Expire after (seconds)		
Storage engine		
Comments		

2.1.2.2.4 Movies JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Movies",
  "properties": {
    "_id": {
      "type": "string",
      "title": "Id",
      "pattern": "^[a-zA-Z0-9]{24}$"
    },
    "plot": {
      "type": "string",
      "title": "Plot"
    },
    "genres": {
      "type": "array",
      "title": "Genres",
      "additionalItems": true,
      "items": {
        "type": "string"
      }
    },
    "runtime": {
      "type": "integer",
      "title": "Runtime"
    },
    "cast": {
      "type": "array",
      "title": "Cast",
      "additionalItems": true,
      "items": {
        "type": "string"
      }
    },
    "num_mflix_comments": {
      "type": "integer",
      "title": "Num Mflix Comments"
    },
    "title": {
      "type": "string",
      "title": "Title"
    },
    "fullplot": {
      "type": "string",
      "title": "Fullplot"
    },
    "countries": {
      "type": "array",
      "title": "Countries",
      "additionalItems": true,
      "items": {
        "type": "string"
      }
    },
    "released": {
      "type": "string",
      "title": "Released",
      "format": "date-time"
    },
    "directors": {
```

```
"type": "array",
"title": "Directors",
"additionalItems": true,
"items": {
  "type": "string"
},
},
"rated": {
  "type": "string",
  "title": "Rated"
},
"awards": {
  "type": "object",
  "title": "Awards",
  "properties": {
    "wins": {
      "type": "integer",
      "title": "Wins"
    },
    "nominations": {
      "type": "integer",
      "title": "Nominations"
    },
    "text": {
      "type": "string",
      "title": "Text"
    }
  },
},
"additionalProperties": true,
"required": [
  "wins",
  "nominations",
  "text"
],
},
"lastupdated": {
  "type": "string",
  "title": "Lastupdated",
  "format": "date-time"
},
"year": {
  "type": "integer",
  "title": "Year"
},
"imdb": {
  "type": "object",
  "title": "Imdb",
  "properties": {
    "rating": {
      "type": "number",
      "title": "Rating"
    },
    "votes": {
      "type": "integer",
      "title": "Votes"
    },
    "id": {
      "type": "integer",
      "title": "Id"
    }
  },
},
```

```
    "additionalProperties": true,
    "required": [
      "rating",
      "votes",
      "id"
    ]
  },
  "type": {
    "type": "string",
    "title": "Type"
  },
  "tomatoes": {
    "type": "object",
    "title": "Tomatoes",
    "properties": {
      "viewer": {
        "type": "object",
        "title": "Viewer",
        "properties": {
          "rating": {
            "type": "number",
            "title": "Rating"
          },
          "numReviews": {
            "type": "integer",
            "title": "Num Reviews"
          },
          "meter": {
            "type": "integer",
            "title": "Meter"
          }
        }
      },
      "additionalProperties": true,
      "required": [
        "rating",
        "numReviews"
      ]
    },
    "lastUpdated": {
      "type": "string",
      "title": "Last Updated",
      "format": "date-time"
    },
    "boxOffice": {
      "type": "string",
      "title": "Box Office"
    },
    "consensus": {
      "type": "string",
      "title": "Consensus"
    },
    "critic": {
      "type": "object",
      "title": "Critic",
      "properties": {
        "meter": {
          "type": "integer",
          "title": "Meter"
        },
        "numReviews": {
          "type": "integer",
```

```
        "title": "Num Reviews"
      },
      "rating": {
        "type": "number",
        "title": "Rating"
      }
    },
    "additionalProperties": true,
    "required": [
      "meter",
      "numReviews",
      "rating"
    ]
  },
  "dvd": {
    "type": "string",
    "title": "Dvd",
    "format": "date-time"
  },
  "fresh": {
    "type": "integer",
    "title": "Fresh"
  },
  "production": {
    "type": "string",
    "title": "Production"
  },
  "rotten": {
    "type": "integer",
    "title": "Rotten"
  },
  "website": {
    "type": "string",
    "title": "Website"
  }
},
"additionalProperties": true,
"required": [
  "viewer",
  "lastUpdated"
]
},
"languages": {
  "type": "array",
  "title": "Languages",
  "additionalItems": true,
  "items": {
    "type": "string"
  }
},
"metacritic": {
  "type": "integer",
  "title": "Metacritic"
},
"poster": {
  "type": "string",
  "title": "Poster"
},
"writers": {
  "type": "array",
  "title": "Writers",
```

```
    "additionalItems": true,
    "items": {
      "type": "string"
    }
  },
  "additionalProperties": true,
  "required": [
    "_id",
    "plot",
    "genres",
    "runtime",
    "cast",
    "num_mflix_comments",
    "title",
    "fullplot",
    "countries",
    "released",
    "directors",
    "awards",
    "lastupdated",
    "year",
    "imdb",
    "type",
    "poster"
  ]
}
```

2.1.2.2.5 Movies JSON data

```
{
  "_id": ObjectId("e8d1e2c0fa4d2bee9fea5bb4"),
  "plot": "Some family secrets cannot bear the daylight.",
  "genres": [
    "Drama"
  ],
  "runtime": Int32(240),
  "cast": [
    "Toni Collette"
  ],
  "num_mflix_comments": Int32(127),
  "title": "Daylight",
  "fullplot": "The lawyer, Iris Boelens, begins having problems with her mild-autistic son Aaron. As her son gets suspended for a week, Iris asks her mom Ageeth permission to spend that time in her house. A fish tank specialist, who drops by to take care of the aquarium, casually says that Aaron reminds him of her brother Ray. Iris is unique child, therefore the reluctance of her mother to talk about this fact unchains a set of contradictory events in the otherwise stressed lawyer. Iris has been hired by the rich lady owner of Benschop enterprises to investigate the accusations of child pornography filmmaker made against her dissolute son. Iris discovers in the office of her mother the real existence of her brother Ray. Through the Internet she came upon the fact that he was declared guilty of killing his companion Rosita and her baby Anna. Ray is an autistic man, who after a deficient official investigation and the bungled decision of a judge was condemned to 20 years in correctional mental health facility. The body of the baby was never found. Iris visits her brother at the forensic clinic and gets a reopening of the case. It is when she starts receiving death threats to abandon the investigation. Someone tried to kill her and Aaron by pushing their car over a river cliffs. Iris discovers that Ray's case is the product of Ageeth, their own mother's machinations. She has been all along the secret lover of the millionaire Twan Benschop. Through Rosita's mother Dina, Iris learns that Ageeth had met once Ray and Rosita with their baby. Ageeth disapproved of Ray relation with a prostitute and doubted the paternity of his daughter Anna. By accident boiling water had fallen on Anna and at her cries and his own desperation, Ray had called his mother. Ageeth came to her son's apartment and took control of the situation. She realized that the baby had to be taken care of immediately. Ageeth made it to the door with the burned Anna. As she was leaving, Rosita misunderstood her intentions and tried to stab Ageeth with a kitchen knife. In the ensuing struggle, Rosita is badly wounded.",
  "countries": [
    "Australia"
  ],
  "released": ISODate("2016-04-08T15:06:21.595Z"),
  "directors": [
    "Sue Brooks"
  ],
  "rated": "R",
  "awards": {
    "wins": Int32(105),
    "nominations": Int32(100),
    "text": "1 win & 3 nominations."
  },
  "lastupdated": ISODate("2016-04-08T15:06:21.595Z"),
  "year": Int32(2013),
  "imdb": {
    "rating": Double(6.7),
    "votes": Int32(973663),
    "id": Int32(2359002)
  },
  "type": "movie",
  "tomatoes": {
    "viewer": {
      "rating": Double(3.5),
      "numReviews": Int32(1335454),
      "meter": Int32(96)
    }
  },
  "lastUpdated": ISODate("2016-04-08T15:06:21.595Z"),
  "boxOffice": "$339.7M",
  "consensus": "Though The Nines doesn't solidify as well as writer/director John August would hope for, Ryan Reynolds's strong performance makes each of the film's intriguing segments worth watching.",
}
```

```
"critic": {
  "meter": Int32(100),
  "numReviews": Int32(247),
  "rating": Double(6.4)
},
"dvd": ISODate("2016-04-08T15:06:21.595Z"),
"fresh": Int32(236),
"production": "Newmarket",
"rotten": Int32(29),
"website": "http://daglichtdefilm.nl/"
},
"languages": [
  "English"
],
"metacritic": Int32(88),
"poster": "https://m.media-
amazon.com/images/M/MV5BMjExNDUyODgxM15BMT5BanBnXkFtZTcwNDQ4MzgxoQ@@._V1_SY1000_SX677_AL_.jpg",
"writers": [
  "Alison Tilson"
]
}
```

2.1.2.3 Collection Comments

2.1.2.3.1 Comments Properties

PROPERTY	VALUE
Collection name	Comments
Technical name	comments
Activated	true
Id	
\$ref	
Description	
Database	sample_mflix
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Workload analysis	
[1] Actor	
Description	
Number of documents	
Avg document size (Bytes)	
Read-to-Write ratio	
Keep forever	
Retention (months)	
Write operations	
Read operations	
Comments	

2.1.2.3.2 Comments Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Id	objectId	true	pk		
Name	string	true			
Email	string	true			
Movie Id	objectId	true	fk		
Text	string	true			
Date	date	true			

2.1.2.3.2.1 Field Id

2.1.2.3.2.1.1 Id Tree Diagram

{_id}	Id
(11.1)	objectId

2.1.2.3.2.1.2 Id properties

PROPERTY	VALUE
Name	Id
Technical name	_id
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Sample	
Comments	

2.1.2.3.2.2 Field Name

2.1.2.3.2.2.1 Name Tree Diagram

{ABC}	Name
	string

2.1.2.3.2.2.2 Name properties

PROPERTY	VALUE
Name	Name
Technical name	name
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Jennifer Frazier
Comments	

2.1.2.3.2.3 Field Email

2.1.2.3.2.3.1 Email Tree Diagram



2.1.2.3.2.3.2 Email properties

PROPERTY	VALUE
Name	Email
Technical name	email
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	jennifer_frazier@fakegmail.com
Comments	

2.1.2.3.2.4 Field Movie Id

2.1.2.3.2.4.1 Movie Id Tree Diagram



2.1.2.3.2.4.2 Movie Id properties

PROPERTY	VALUE
Name	Movie Id
Technical name	movie_id
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	Movies
Foreign field	Id
Relationship type	Foreign Key
Relationship name	fk movies._id to comments.movie_id
Cardinality	0..n
Default	
Sample	
Comments	

2.1.2.3.2.5 Field Text

2.1.2.3.2.5.1 Text Tree Diagram



2.1.2.3.2.5.2 Text properties

PROPERTY	VALUE
Name	Text
Technical name	text
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Aut hic distinctio sequi non aperiam vel. Tempora consequuntur neque fugit delectus quidem aut quis sit. Repellat necessitatibus culpa laudantium nam fugit sit deserunt eveniet.
Comments	

2.1.2.3.2.6 Field Date

2.1.2.3.2.6.1 Date Tree Diagram

{dt}	Date
	<i>date</i>

2.1.2.3.2.6.2 Date properties

PROPERTY	VALUE
Name	Date
Technical name	date
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Now	
Faker function	
Sample	
Comments	

2.1.2.3.3 Comments Indexes

PROPERTY	_ID_
Name	_id_
Activated	
Key	Id('ascending')
Wildcard index	
Hashed	
Unique	
Drop duplicates	
Sparse	
Background indexing	
Partial filter exp	
Expire after (seconds)	
Storage engine	
Comments	

2.1.2.3.4 Comments JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Comments",
  "properties": {
    "_id": {
      "type": "string",
      "title": "Id",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "name": {
      "type": "string",
      "title": "Name"
    },
    "email": {
      "type": "string",
      "title": "Email"
    },
    "movie_id": {
      "type": "string",
      "title": "Movie Id",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "text": {
      "type": "string",
      "title": "Text"
    },
    "date": {
      "type": "string",
      "title": "Date",
      "format": "date-time"
    }
  },
  "additionalProperties": true,
  "required": [
    "_id",
    "name",
    "email",
    "movie_id",
    "text",
    "date"
  ]
}
```

2.1.2.3.5 Comments JSON data

```
{
  "_id": ObjectId("716edfcfe778f5ce1e645ff8"),
  "name": "Jennifer Frazier",
  "email": "jennifer_frazier@fakegmail.com",
  "movie_id": ObjectId("634774ebb1ca5303857ca1a4"),
  "text": "Aut hic distinctio sequi non aperiam vel. Tempora consequuntur neque fugit delectus quidem aut quis sit. Repellat necessitatibus culpa laudantium nam fugit sit deserunt eveniet.",
  "date": ISODate("2016-04-08T15:06:21.595Z")
}
```

2.1.2.4 Collection Users

2.1.2.4.1 Users Properties

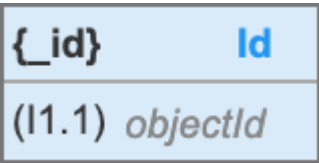
PROPERTY	VALUE
Collection name	Users
Technical name	users
Activated	true
Id	
\$ref	
Description	
Database	sample_mflix
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Workload analysis	
[1] Actor	
Description	
Number of documents	
Avg document size (Bytes)	
Read-to-Write ratio	
Keep forever	
Retention (months)	
Write operations	
Read operations	
Comments	

2.1.2.4.2 Users Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Id	objectId	true	pk		
Name	string	true			
Email	string	true			
Password	string	true			

2.1.2.4.2.1 Field Id

2.1.2.4.2.1.1 Id Tree Diagram



2.1.2.4.2.1.2 Id properties

PROPERTY	VALUE
Name	Id
Technical name	_id
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Sample	
Comments	

2.1.2.4.2.2 Field Name

2.1.2.4.2.2.1 Name Tree Diagram



2.1.2.4.2.2.2 Name properties

PROPERTY	VALUE
Name	Name
Technical name	name
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Nicholas Johnson
Comments	

2.1.2.4.2.3 Field Email

2.1.2.4.2.3.1 Email Tree Diagram

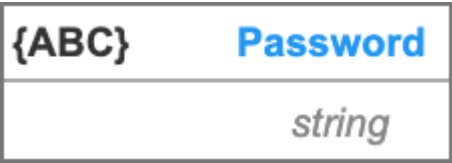
{ABC}	Email
(12.1)	string

2.1.2.4.2.3.2 Email properties

PROPERTY	VALUE
Name	Email
Technical name	email
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	nicholas_johnson@fakegmail.com
Comments	

2.1.2.4.2.4 Field Password

2.1.2.4.2.4.1 Password Tree Diagram



2.1.2.4.2.4.2 Password properties

PROPERTY	VALUE
Name	Password
Technical name	password
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	\$2b\$12\$hdzNySj4l/tZR4op5oQXb.FStH3u7ZHjmhhtrpQFIEe39NkBS6R1y
Comments	

2.1.2.4.3 Users Indexes

PROPERTY	_ID_	EMAIL_1
Name	_id_	email_1
Activated		
Key	Id('ascending')	Email('ascending')
Wildcard index		
Hashed		
Unique		true
Drop duplicates		
Sparse		
Background indexing		
Partial filter exp		
Expire after (seconds)		
Storage engine		
Comments		

2.1.2.4.4 Users JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Users",
  "properties": {
    "_id": {
      "type": "string",
      "title": "Id",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "name": {
      "type": "string",
      "title": "Name"
    },
    "email": {
      "type": "string",
      "title": "Email"
    },
    "password": {
      "type": "string",
      "title": "Password"
    }
  },
  "additionalProperties": true,
  "required": [
    "_id",
    "name",
    "email",
    "password"
  ]
}
```

2.1.2.4.5 Users JSON data

```
{
  "_id": ObjectId("e3fbaca40d828dd4b9a7d8d2"),
  "name": "Nicholas Johnson",
  "email": "nicholas_johnson@fakegmail.com",
  "password": "$2b$12$hdzNySj4l/tZR4op5oQXb.FStH3u7ZHjmhhtpQFIEe39NkBS6R1y"
}
```

2.1.2.5 Collection Sessions

2.1.2.5.1 Sessions Properties

2.1.2.5.2 Sessions Fields

2.1.2.5.2.1 Field Id

{_id}	Id
(l1.1)	<i>objectId</i>

2.1.2.5.2.1.2 Id properties

PROPERTY	VALUE
Name	Id
Technical name	_id
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Sample	
Comments	

2.1.2.5.2.2 Field User Id

2.1.2.5.2.2.1 User Id Tree Diagram

{ABC}	User Id
(I2.1)	string

2.1.2.5.2.2 User Id properties

PROPERTY	VALUE
Name	User Id
Technical name	user_id
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	t3qulfeem@kwiv5.6ur
Comments	

2.1.2.5.2.3 Field Jwt

2.1.2.5.2.3.1 Jwt Tree Diagram



2.1.2.5.2.3.2 Jwt properties

PROPERTY	VALUE
Name	Jwt
Technical name	jwt
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpYXQiOjE1MTk5MDkzMjEsIm5iZil6MTUxOTkwOTMyMSwianRpIjoibmJlZDAwMWYtNTFiYi00NzVhLTgxZDAtMDcwNGE5Mjk0MWZlIiwiaXhwLjoxNTE5OTEwMjlxLCJpZGVudGl0eSI6eyJJbWFPbCI6InQzcXVsZmVlbUBrd2I2NS42dXIiLCJuYW1lIjoib2IveHJtZnF4IiwicGFzc3dvcmQiOm51bGx9LCJmcmVzaCI6ZmFsc2UsInR5cGUiOiJhY2Nlc3MiLCJ1c2VyX2NsYWltcyI6eyJ1c2Vyljp7ImVtYWIsIjoidDNxdWxmZWVtQGt3aXY1LjZ1cilsIm5hbWUiOiIlzaW94cm1mcXgiLCJwYXNzd29yZCI6bnVsbH19fQ.ejtr_NyZyBronWMKuE0RFTjWej--T0zGrdc_ymGtVs
Comments	

2.1.2.5.3 Sessions Indexes

PROPERTY	_ID_	USER_ID_1
Name	_id_	user_id_1
Activated		
Key	Id('ascending')	User Id('ascending')
Wildcard index		
Hashed		
Unique		true
Drop duplicates		
Sparse		
Background indexing		
Partial filter exp		
Expire after (seconds)		
Storage engine		
Comments		

2.1.2.5.4 Sessions JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Sessions",
  "properties": {
    "_id": {
      "type": "string",
      "title": "Id",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "user_id": {
      "type": "string",
      "title": "User Id"
    },
    "jwt": {
      "type": "string",
      "title": "Jwt"
    }
  },
  "additionalProperties": true,
  "required": [
    "_id",
    "user_id",
    "jwt"
  ]
}
```

2.1.2.5.5 Sessions JSON data

2.1.2.6 Collection Theaters

2.1.2.6.1 Theaters Properties

PROPERTY	VALUE
Collection name	Theaters
Technical name	theaters
Activated	true
Id	
\$ref	
Description	
Database	sample_mflix
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Workload analysis	
[1] Actor	
Description	
Number of documents	
Avg document size (Bytes)	
Read-to-Write ratio	
Keep forever	
Retention (months)	
Write operations	
Read operations	
Comments	

2.1.2.6.2 Theaters Fields

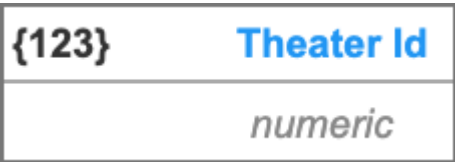
2.1.2.6.2.1 Field Id

{_id}	Id
(l1.1)	<i>objectId</i>

PROPERTY	VALUE
Name	Id
Technical name	_id
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Sample	
Comments	

92

2.1.2.6.2.1 Theater Id Tree Diagram

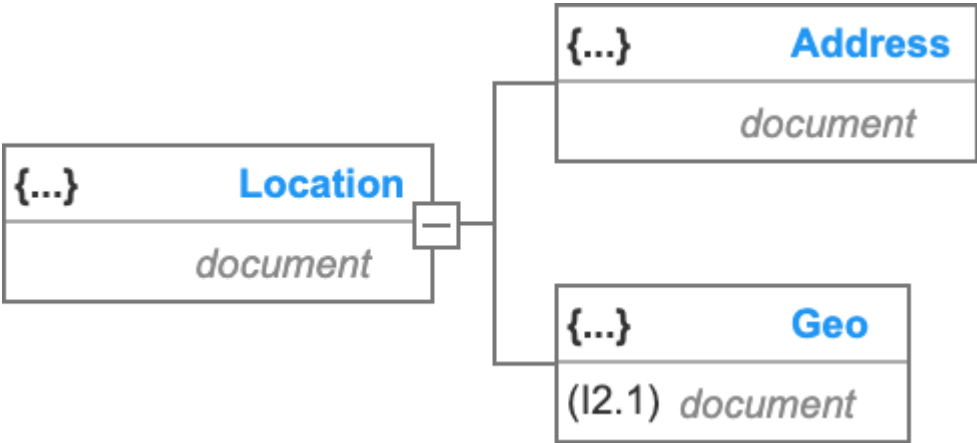


2.1.2.6.2.2 Theater Id properties

PROPERTY	VALUE
Name	Theater Id
Technical name	theaterId
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	integer32
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	2975
Comments	

2.1.2.6.2.3 Field Location

2.1.2.6.2.3.1 Location Tree Diagram



2.1.2.6.2.3.2 Location Hierarchy

Parent field: **Theaters**
Child field(s):

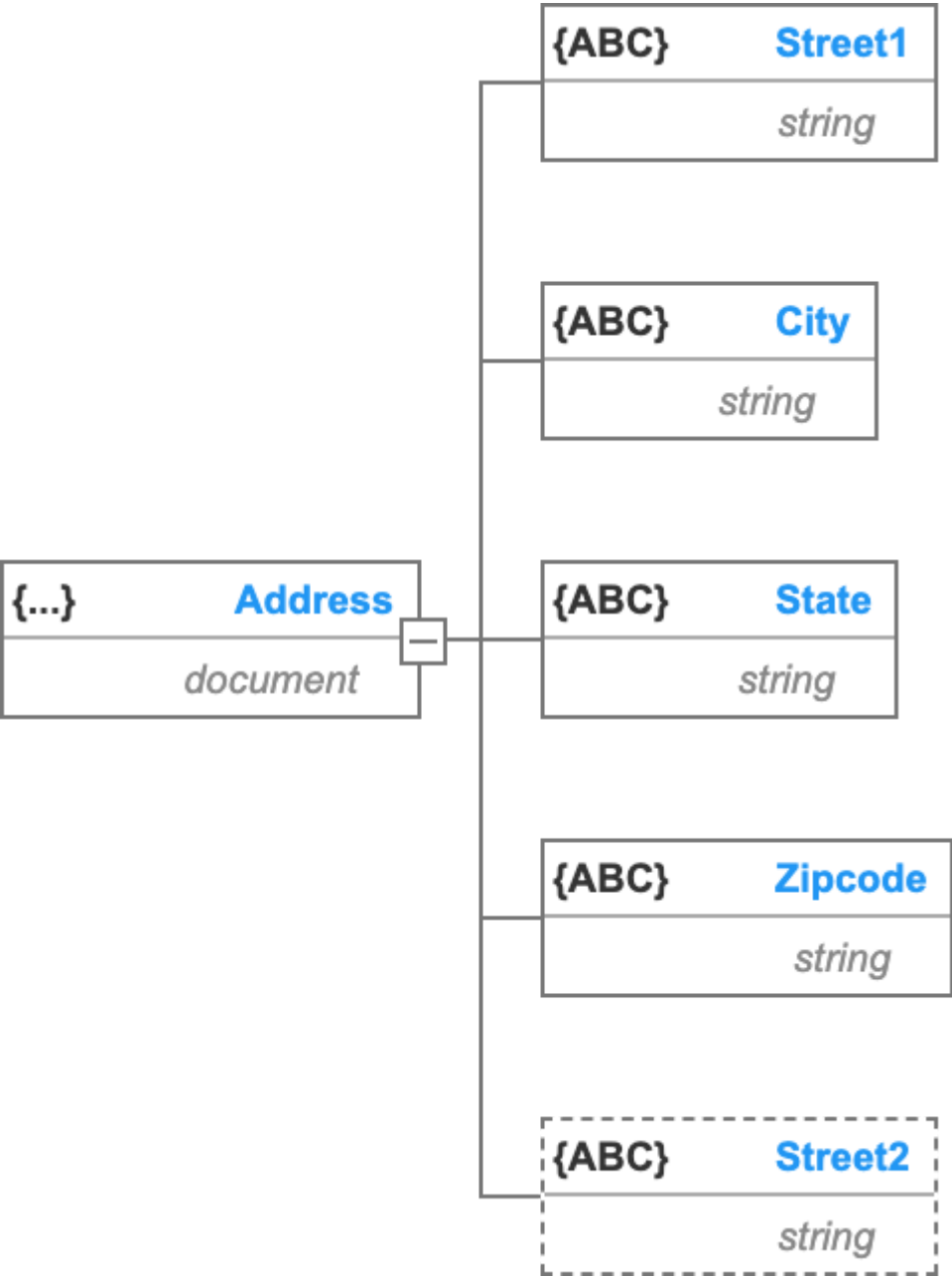
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Address	document	true			
Geo	document	true			

2.1.2.6.2.3.3 Location properties

PROPERTY	VALUE
Name	Location
Technical name	location
Activated	true
Id	
Field-level encryption	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
DBRef	
Min Properties	
Max Properties	
Additional properties	true
Comments	

2.1.2.6.2.4 Field Address

2.1.2.6.2.4.1 Address Tree Diagram



2.1.2.6.2.4.2 Address Hierarchy

Parent field: **Location**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Street1	string	true			
City	string	true			
State	string	true			
Zipcode	string	true			
Street2	string	false			

2.1.2.6.2.4.3 Address properties

PROPERTY	VALUE
Name	Address
Technical name	address
Activated	true
Id	
Field-level encryption	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
DBRef	
Min Properties	
Max Properties	
Additional properties	true
Comments	

2.1.2.6.2.5 Field Street1

2.1.2.6.2.5.1 Street1 Tree Diagram



2.1.2.6.2.5.2 Street1 properties

PROPERTY	VALUE
Name	Street1
Technical name	street1
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	3117 Turkey Creek Blvd
Comments	

2.1.2.6.2.6 Field City

2.1.2.6.2.6.1 City Tree Diagram



2.1.2.6.2.6.2 City properties

PROPERTY	VALUE
Name	City
Technical name	city
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Joplin
Comments	

2.1.2.6.2.7 Field State

2.1.2.6.2.7.1 State Tree Diagram

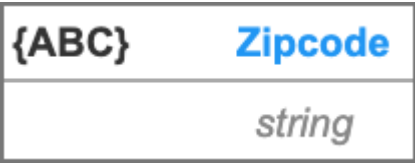


2.1.2.6.2.7.2 State properties

PROPERTY	VALUE
Name	State
Technical name	state
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	MO
Comments	

2.1.2.6.2.8 Field Zipcode

2.1.2.6.2.8.1 Zipcode Tree Diagram



2.1.2.6.2.8.2 Zipcode properties

PROPERTY	VALUE
Name	Zipcode
Technical name	zipcode
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	64801
Comments	

2.1.2.6.2.9 Field Street2

2.1.2.6.2.9.1 Street2 Tree Diagram

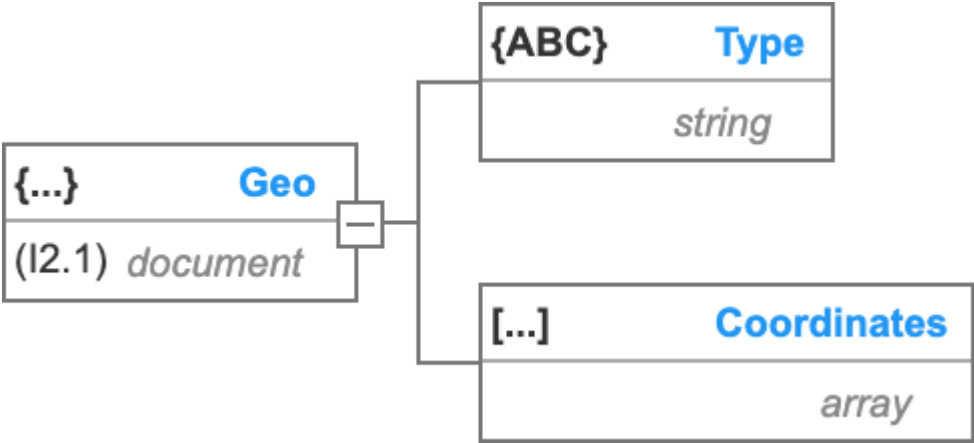


2.1.2.6.2.9.2 Street2 properties

PROPERTY	VALUE
Name	Street2
Technical name	street2
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	false
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Ste 1065
Comments	

2.1.2.6.2.10 Field Geo

2.1.2.6.2.10.1 Geo Tree Diagram



2.1.2.6.2.10.2 Geo Hierarchy

Parent field: **Location**
Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Type	string	true			
Coordinates	array	true			

2.1.2.6.2.10.3 Geo properties

PROPERTY	VALUE
Name	Geo
Technical name	geo
Activated	true
Id	
Field-level encryption	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
DBRef	
Min Properties	
Max Properties	
Additional properties	true
Comments	

2.1.2.6.2.11 Field Type

2.1.2.6.2.11.1 Type Tree Diagram



2.1.2.6.2.11.2 Type properties

PROPERTY	VALUE
Name	Type
Technical name	type
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	
Required	true
Primary key	false
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	Point
Comments	

2.1.2.6.2.12 Field Coordinates

2.1.2.6.2.12.1 Coordinates Tree Diagram



2.1.2.6.2.12.2 Coordinates Hierarchy

Parent field: **Geo**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	numeric	false			

2.1.2.6.2.12.3 Coordinates properties

PROPERTY	VALUE
Name	Coordinates
Technical name	coordinates
Activated	true
Id	
Field-level encryption	
Type	array
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Min items	
Max items	
Unique items	
Additional items	true
Quantification	
Comments	

2.1.2.6.2.13 Field [0]

2.1.2.6.2.13.1 [0] Tree Diagram



2.1.2.6.2.13.2 [0] properties

PROPERTY	VALUE
Display name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	double
Description	
Dependencies	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	-78.763435
Comments	

2.1.2.6.3 Theaters Indexes

PROPERTY	_ID_	GEO INDEX
Name	_id_	geo index
Activated		
Key	Id('ascending')	Geo('2DSphere')
Wildcard index		
Hashed		
Unique		
Drop duplicates		
Sparse		
Background indexing		
Partial filter exp		
Expire after (seconds)		
Storage engine		
Comments		

2.1.2.6.4 Theaters JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "Theaters",
  "properties": {
    "_id": {
      "type": "string",
      "title": "Id",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "theaterId": {
      "type": "integer",
      "title": "Theater Id"
    },
    "location": {
      "type": "object",
      "title": "Location",
      "properties": {
        "address": {
          "type": "object",
          "title": "Address",
          "properties": {
            "street1": {
              "type": "string",
              "title": "Street1"
            },
            "city": {
              "type": "string",
              "title": "City"
            },
            "state": {
              "type": "string",
              "title": "State"
            },
            "zipcode": {
              "type": "string",
              "title": "Zipcode"
            },
            "street2": {
              "type": "string",
              "title": "Street2"
            }
          }
        },
        "additionalProperties": true,
        "required": [
          "street1",
          "city",
          "state",
          "zipcode"
        ]
      },
      "geo": {
        "type": "object",
        "title": "Geo",
        "properties": {
          "type": {
            "type": "string",
            "title": "Type"
          },
          "coordinates": {
```

```

        "type": "array",
        "title": "Coordinates",
        "additionalItems": true,
        "items": {
          "type": "number"
        }
      },
      "additionalProperties": true,
      "required": [
        "type",
        "coordinates"
      ]
    }
  },
  "additionalProperties": true,
  "required": [
    "address",
    "geo"
  ]
}
},
"additionalProperties": true,
"required": [
  "_id",
  "theaterId",
  "location"
]
}
}

```

2.1.2.6.5 Theaters JSON data

```

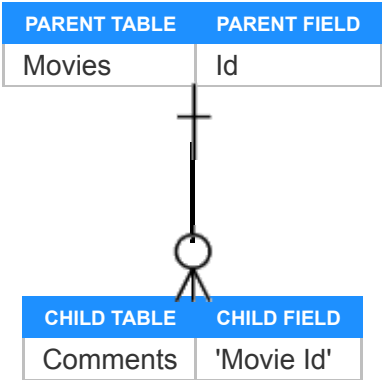
{
  "_id": ObjectId("45c90a1798534ba23f9461cb"),
  "theaterId": Int32(2975),
  "location": {
    "address": {
      "street1": "3117 Turkey Creek Blvd",
      "city": "Joplin",
      "state": "MO",
      "zipcode": "64801",
      "street2": "Ste 1065"
    },
    "geo": {
      "type": "Point",
      "coordinates": [
        Double(-78.763435)
      ]
    }
  }
}

```

3. RELATIONSHIPS

3.1 Relationship fk movies._id to comments.movie_id

3.1.1 fk movies._id to comments.movie_id Diagram



3.1.2 fk movies._id to comments.movie_id Properties

PROPERTY	VALUE
Name	fk movies._id to comments.movie_id
Description	
Parent Collection	Movies
Parent field	Id
Parent Cardinality	1
Child Collection	Comments
Child field	Movie Id
Child Cardinality	0..n
Comments	