



MongoDB Physical Model

Schema for:

Model name: RabbitFondModel

Author:

Version:

File name: MongoDB model RabbitFondModel.hck.json

File path: E:\GitHub\DB\MongoDB model RabbitFondModel.hck.json

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

1. Model

2. Databases

2.1 fondModels

2.1.2. Collections

2.1.2.1 news

2.1.2.2 option

2.1.2.3 order

2.1.2.4 orderInfo

2.1.2.5 project

2.1.2.6 qas

2.1.2.7 user

2.1.2.8 userProposer

3. Relationships

3.1 fk news.news_parent to project.id

3.2 fk option.option_parent to project.id

3.3 fk order.option to option.id

3.4 fk order.order_info to orderInfo.id

3.5 fk order.ownerInfo to userProposer.id

3.6 fk order.project to project.id

3.7 fk order.user to user.id

3.8 fk orderInfo.payment_price to order.order_total

3.9 fk project.news.type.[0].news to news.id

3.10 fk project.option.type.[0].option to option.id

3.11 fk project.order.type.[0].order to order.id

3.12 fk project.ownerInfo to userProposer.id

3.13 fk project.qas.type.[0].qas to qas.id

3.14 fk qas.qas_parent to project.id

3.15 fk user.user_like.type.[0].likeProjects to project.id

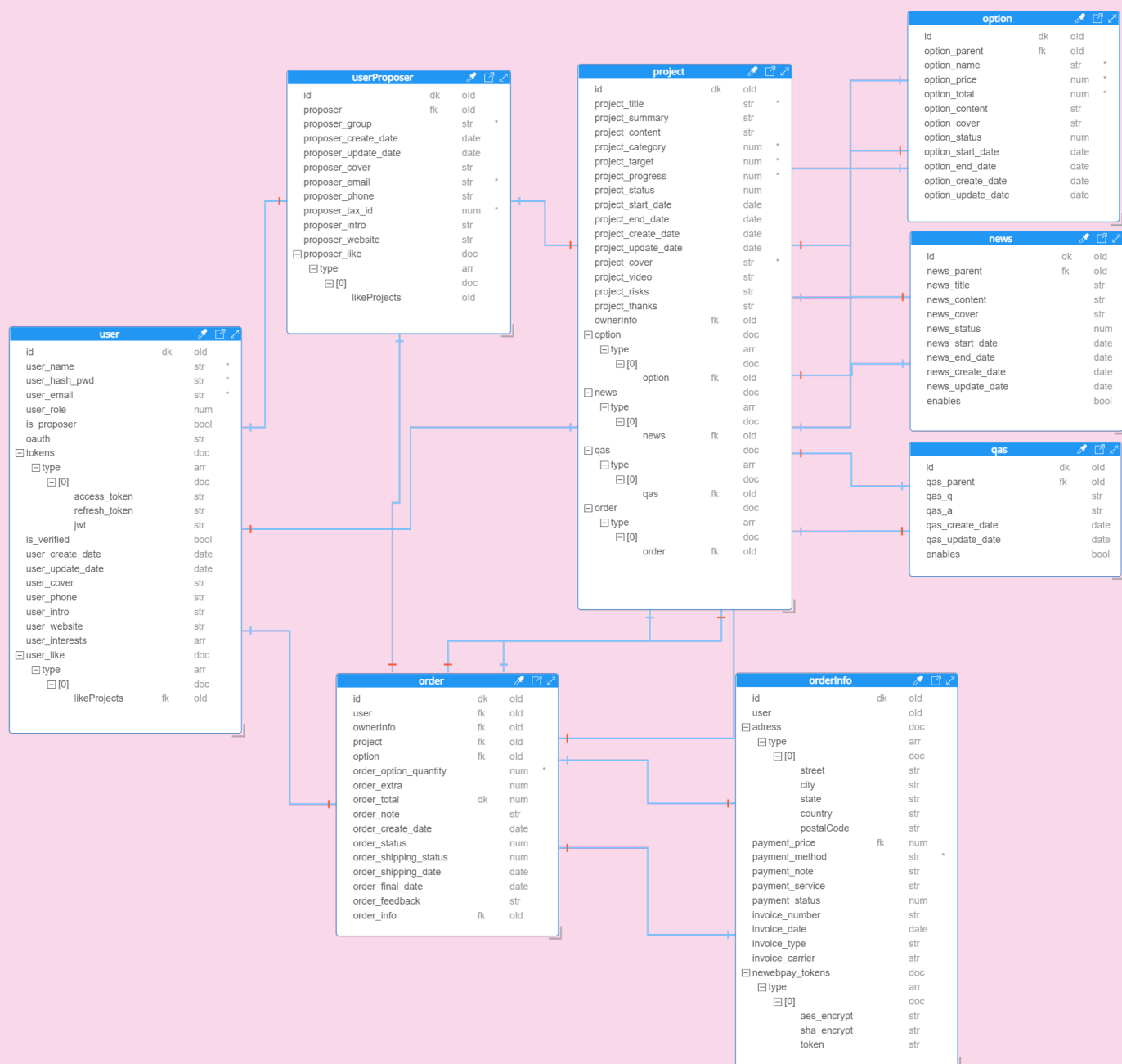
3.16 fk userProposer.proposer to user.id

1. MODEL

1.1 Model RabbitFondModel

1.1.1 RabbitFondModel Entity Relationship Diagram

fondModels



1.1.2 RabbitFondModel Properties

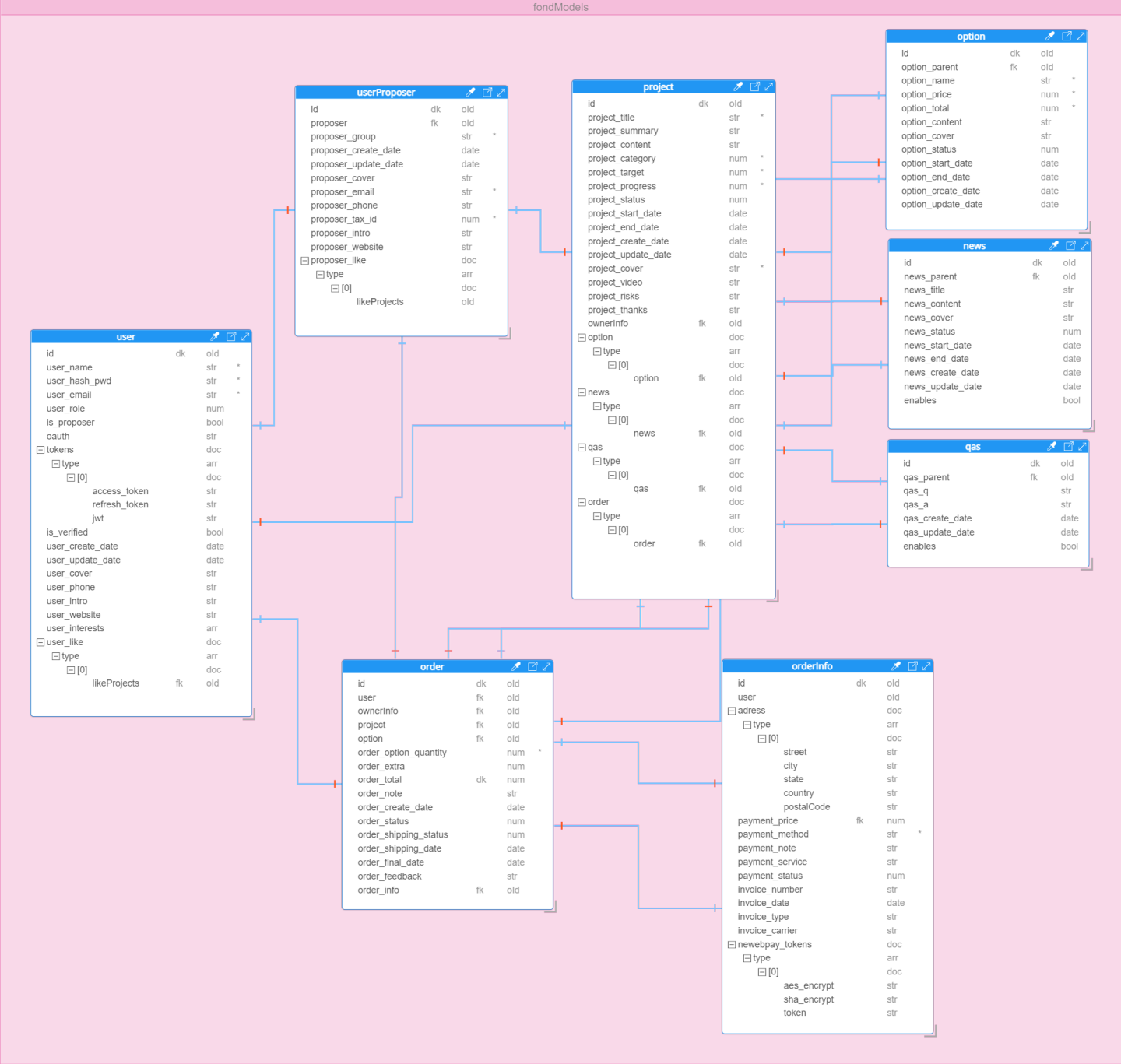
1.1.2.1 Details tab

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

1.1.3 RabbitFondModel DB Definitions

2. DATABASES

2.1 Database fondModels



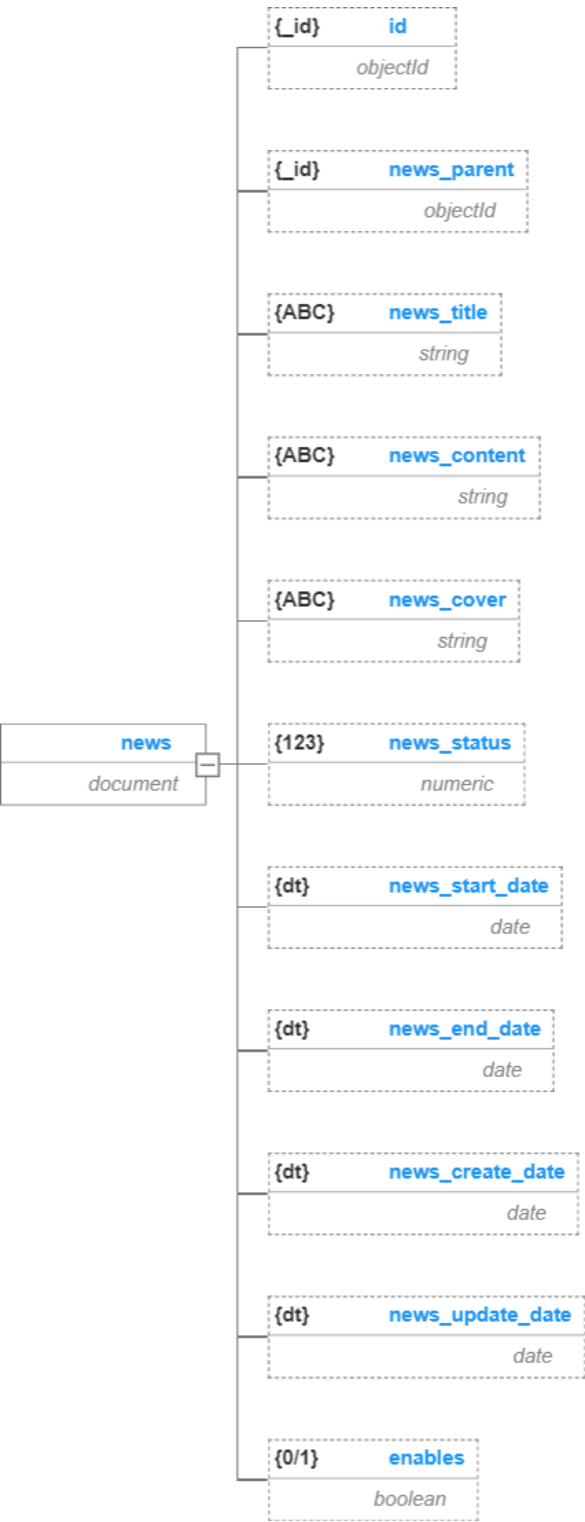
2.1.1 fondModels Properties

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

2.1.2 fondModels Collections

2.1.2.1 Collection news

2.1.2.1.1 news Tree Diagram



2.1.2.1.2 news Properties

PROPERTY	VALUE
Collection name	news
Technical name	
Activated	true
Id	
\$ref	
Description	
Database	fondModels
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Comments	

2.1.2.1.3 news Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
id	objectId	false	dk		
news_parent	objectId	false	fk		
news_title	string	false			
news_content	string	false			
news_cover	string	false			
news_status	numeric	false			
news_start_date	date	false			
news_end_date	date	false			
news_create_date	date	false			
news_update_date	date	false			
enables	boolean	false			

2.1.2.1.3.1 Field id

2.1.2.1.3.1.1 id Tree Diagram



2.1.2.1.3.1.2 id properties

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

2.1.2.1.3.2 Field news_parent

2.1.2.1.3.2.1 news_parent Tree Diagram



2.1.2.1.3.2.2 news_parent properties

PROPERTY	VALUE
Name	news_parent
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	project
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk news.news_parent to project.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.1.3.3 Field news_title

2.1.2.1.3.3.1 news_title Tree Diagram



2.1.2.1.3.3.2 news_title properties

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

2.1.2.1.3.4 Field news_content

2.1.2.1.3.4.1 news_content Tree Diagram



2.1.2.1.3.4.2 news_content properties

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

2.1.2.1.3.5 Field news_cover

2.1.2.1.3.5.1 news_cover Tree Diagram



2.1.2.1.3.5.2 news_cover properties

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

2.1.2.1.3.6 Field news_status

2.1.2.1.3.6.1 news_status Tree Diagram



2.1.2.1.3.6.2 news_status properties

PROPERTY	VALUE
Name	news_status
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	0
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.1.3.7 Field news_start_date

2.1.2.1.3.7.1 news_start_date Tree Diagram



2.1.2.1.3.7.2 news_start_date properties

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

2.1.2.1.3.8 Field news_end_date

2.1.2.1.3.8.1 news_end_date Tree Diagram



2.1.2.1.3.8.2 news_end_date properties

PROPERTY	VALUE
Name	news_end_date
Technical name	
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	ISODate("1970-01-01T00:00:00.026Z")
Now	
Faker function	
Sample	
Comments	

2.1.2.1.3.9 Field news_create_date

2.1.2.1.3.9.1 news_create_date Tree Diagram



2.1.2.1.3.9.2 news_create_date properties

PROPERTY	VALUE
Name	news_create_date
Technical name	
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	ISODate("2023-04-17T07:44:03.656Z")
Now	
Faker function	
Sample	
Comments	

2.1.2.1.3.10 Field news_update_date

2.1.2.1.3.10.1 news_update_date Tree Diagram



2.1.2.1.3.10.2 news_update_date properties

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

2.1.2.1.3.11 Field enables

2.1.2.1.3.11.1 enables Tree Diagram

{0/1}	enables
	<i>boolean</i>

2.1.2.1.3.11.2 enables properties

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

2.1.2.1.4 news JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "news",
  "properties": {
    "id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "news_parent": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "news_title": {
      "type": "string"
    },
    "news_content": {
      "type": "string"
    },
    "news_cover": {
      "type": "string"
    },
    "news_status": {
      "type": "number",
      "default": 0
    },
    "news_start_date": {
      "type": "string",
      "format": "date-time"
    },
    "news_end_date": {
      "type": "string",
      "default": "ISODate(\"1970-01-01T00:00:00.026Z\")",
      "format": "date-time"
    },
    "news_create_date": {
      "type": "string",
      "default": "ISODate(\"2023-04-17T07:44:03.656Z\")",
      "format": "date-time"
    },
    "news_update_date": {
      "type": "string",
      "format": "date-time"
    },
    "enables": {
      "type": "boolean",
      "default": true
    }
  },
  "additionalProperties": true
}
```

2.1.2.1.5 news JSON data


```
{
  "id": ObjectId("cbfa6e8b4cf7fa0adbd8cd93"),
  "news_parent": ObjectId("aeea726ac32eb113ba7bdafc"),
  "news_title": "Lorem",
  "news_content": "Lorem",
  "news_cover": "Lorem",
  "news_status": 0,
  "news_start_date": ISODate("2016-04-08T15:06:21.595Z"),
  "news_end_date": ISODate("1970-01-01T00:00:00.026Z"),
  "news_create_date": ISODate("2023-04-17T07:44:03.656Z"),
  "news_update_date": ISODate("2016-04-08T15:06:21.595Z"),
  "enables": true
}
```

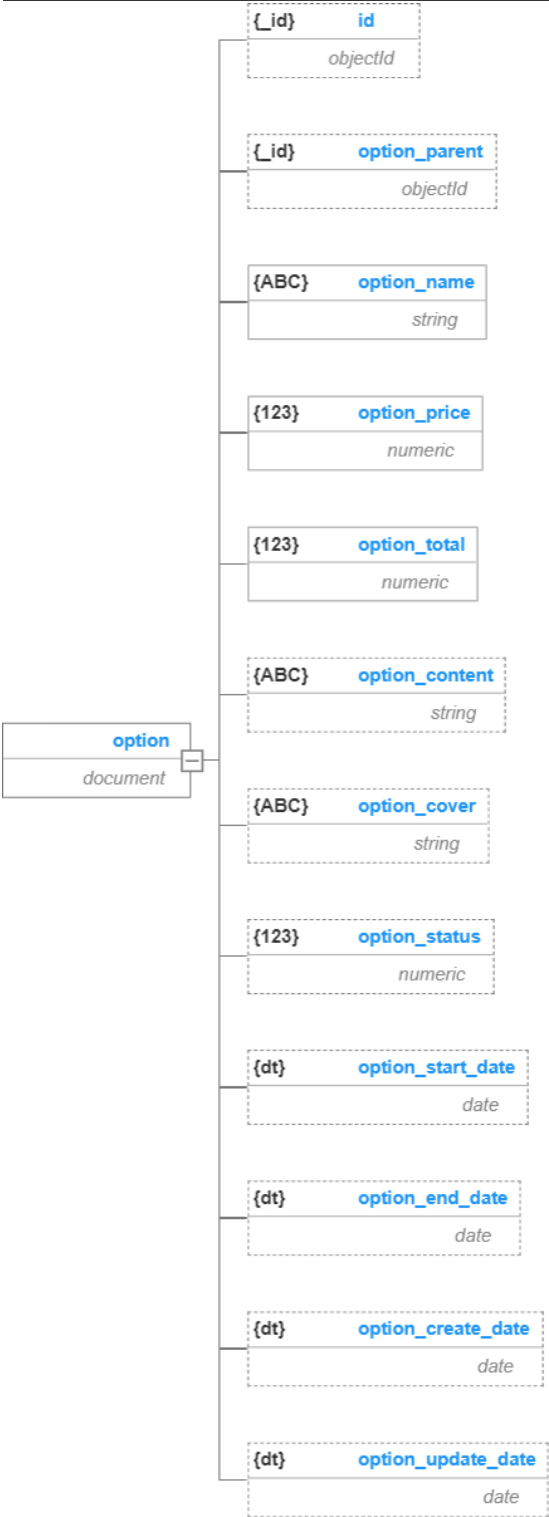
2.1.2.1.6 news Target Script

```
use fondModels;

db.createCollection("news", {
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "news",
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "id": {
          "bsonType": "objectId"
        },
        "news_parent": {
          "bsonType": "objectId"
        },
        "news_title": {
          "bsonType": "string"
        },
        "news_content": {
          "bsonType": "string"
        },
        "news_cover": {
          "bsonType": "string"
        },
        "news_status": {
          "bsonType": "number"
        },
        "news_start_date": {
          "bsonType": "date"
        },
        "news_end_date": {
          "bsonType": "date"
        },
        "news_create_date": {
          "bsonType": "date"
        },
        "news_update_date": {
          "bsonType": "date"
        },
        "enables": {
          "bsonType": "bool"
        }
      }
    },
    "additionalProperties": true
  },
  "validationLevel": "off",
  "validationAction": "warn"
});
```

2.1.2.2 Collection option

2.1.2.2.1 option Tree Diagram



2.1.2.2.2 option Properties

PROPERTY	VALUE
Collection name	option
Technical name	
Activated	true
Id	
\$ref	
Description	
Database	fondModels
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Comments	

2.1.2.2.3 option Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
id	objectId	false	dk		
option_parent	objectId	false	fk		
option_name	string	true			
option_price	numeric	true			
option_total	numeric	true			
option_content	string	false			
option_cover	string	false			
option_status	numeric	false			
option_start_date	date	false			
option_end_date	date	false			
option_create_date	date	false			
option_update_date	date	false			

2.1.2.2.3.1 Field id

2.1.2.2.3.1.1 id Tree Diagram

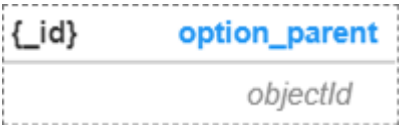


2.1.2.2.3.1.2 id properties

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

2.1.2.2.3.2 Field option_parent

2.1.2.2.3.2.1 option_parent Tree Diagram



2.1.2.2.3.2.2 option_parent properties

PROPERTY	VALUE
Name	option_parent
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	project
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk option.option_parent to project.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.2.3.3 Field option_name

2.1.2.2.3.3.1 option_name Tree Diagram

{ABC}	option_name
	string

2.1.2.2.3.3.2 option_name properties

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

2.1.2.2.3.4 Field option_price

2.1.2.2.3.4.1 option_price Tree Diagram

{123}	option_price
	numeric

2.1.2.2.3.4.2 option_price properties

PROPERTY	VALUE
Name	option_price
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	0
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.2.3.5 Field option_total

2.1.2.2.3.5.1 option_total Tree Diagram

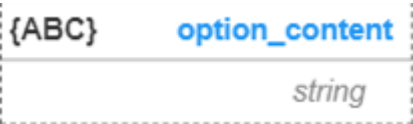
{123}	option_total
	numeric

2.1.2.2.3.5.2 option_total properties

PROPERTY	VALUE
Name	option_total
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	0
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.2.3.6 Field option_content

2.1.2.2.3.6.1 option_content Tree Diagram

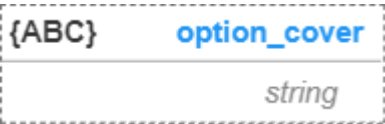


2.1.2.2.3.6.2 option_content properties

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

2.1.2.2.3.7 Field option_cover

2.1.2.2.3.7.1 option_cover Tree Diagram

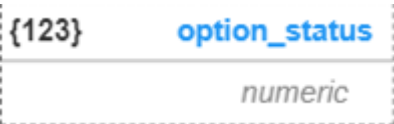


2.1.2.2.3.7.2 option_cover properties

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

2.1.2.2.3.8 Field option_status

2.1.2.2.3.8.1 option_status Tree Diagram

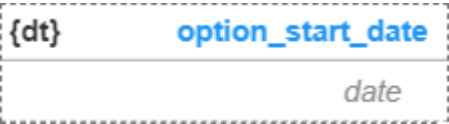


2.1.2.2.3.8.2 option_status properties

PROPERTY	VALUE
Name	option_status
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	0
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.2.3.9 Field option_start_date

2.1.2.2.3.9.1 option_start_date Tree Diagram

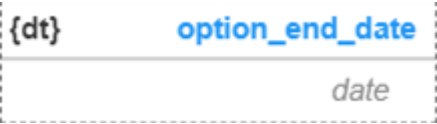


2.1.2.2.3.9.2 option_start_date properties

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

2.1.2.2.3.10 Field option_end_date

2.1.2.2.3.10.1 option_end_date Tree Diagram

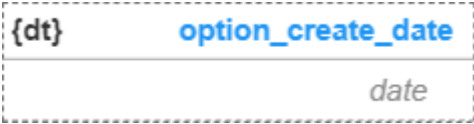


2.1.2.2.3.10.2 option_end_date properties

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

2.1.2.2.3.11 Field option_create_date

2.1.2.2.3.11.1 option_create_date Tree Diagram



2.1.2.2.3.11.2 option_create_date properties

PROPERTY	VALUE
Name	option_create_date
Technical name	
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	ISODate("2023-04-17T07:44:05.375Z")
Now	
Faker function	
Sample	
Comments	

2.1.2.2.3.12 Field option_update_date

2.1.2.2.3.12.1 option_update_date Tree Diagram



2.1.2.2.3.12.2 option_update_date properties

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

2.1.2.2.4 option JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "option",
  "properties": {
    "id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "option_parent": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "option_name": {
      "type": "string"
    },
    "option_price": {
      "type": "number",
      "minimum": 0
    },
    "option_total": {
      "type": "number",
      "minimum": 0
    },
    "option_content": {
      "type": "string"
    },
    "option_cover": {
      "type": "string"
    },
    "option_status": {
      "type": "number",
      "default": 0
    },
    "option_start_date": {
      "type": "string",
      "format": "date-time"
    },
    "option_end_date": {
      "type": "string",
      "format": "date-time"
    },
    "option_create_date": {
      "type": "string",
      "default": "ISODate(\\\"2023-04-17T07:44:05.375Z\\\")",
      "format": "date-time"
    },
    "option_update_date": {
      "type": "string",
      "format": "date-time"
    }
  },
  "additionalProperties": true,
  "required": [
    "option_name",
    "option_price",
    "option_total"
  ]
}
```


2.1.2.2.5 option JSON data

```
{
  "id": ObjectId("efc80f2a3ca30ee50d6b969a"),
  "option_parent": ObjectId("d8edcbfa6f073992edec2c75"),
  "option_name": "Lorem",
  "option_price": 94,
  "option_total": 46,
  "option_content": "Lorem",
  "option_cover": "Lorem",
  "option_status": 0,
  "option_start_date": ISODate("2016-04-08T15:06:21.595Z"),
  "option_end_date": ISODate("2016-04-08T15:06:21.595Z"),
  "option_create_date": ISODate("2023-04-17T07:44:05.375Z"),
  "option_update_date": ISODate("2016-04-08T15:06:21.595Z")
}
```

2.1.2.2.6 option Target Script

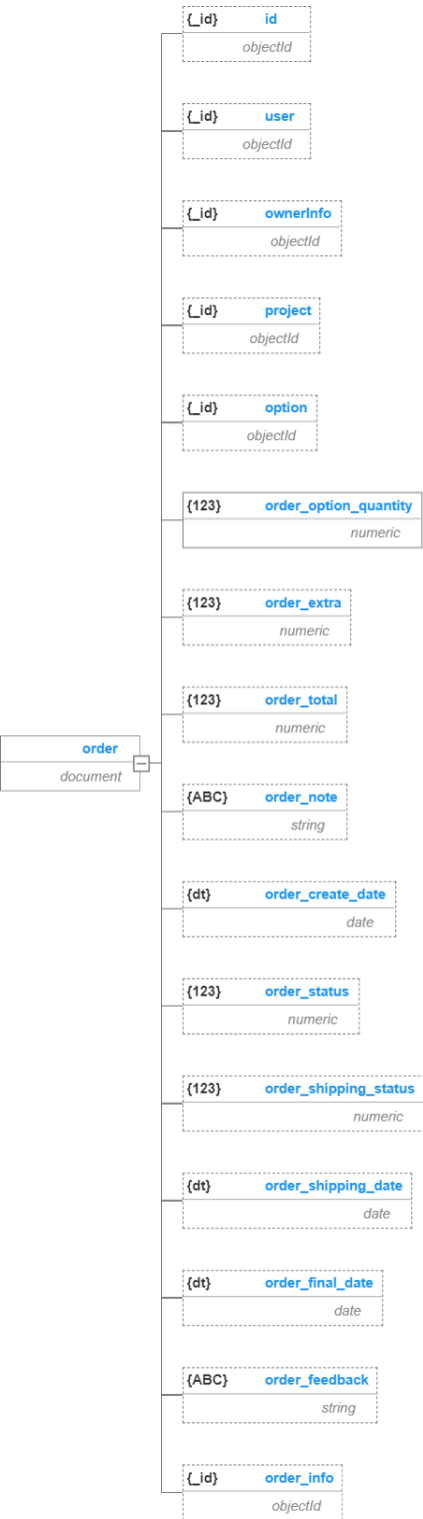
```
use fondModels;

db.createCollection("option", {
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "option",
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "id": {
          "bsonType": "objectId"
        },
        "option_parent": {
          "bsonType": "objectId"
        },
        "option_name": {
          "bsonType": "string"
        },
        "option_price": {
          "bsonType": "number",
          "minimum": 0
        },
        "option_total": {
          "bsonType": "number",
          "minimum": 0
        },
        "option_content": {
          "bsonType": "string"
        },
        "option_cover": {
          "bsonType": "string"
        },
        "option_status": {
          "bsonType": "number"
        },
        "option_start_date": {
          "bsonType": "date"
        },
        "option_end_date": {
          "bsonType": "date"
        },
        "option_create_date": {
          "bsonType": "date"
        },
        "option_update_date": {
          "bsonType": "date"
        }
      }
    },
    "additionalProperties": true,
    "required": [
      "option_name",
      "option_price",
      "option_total"
    ]
  },
  "validationLevel": "off",
```

```
"validationAction": "warn"
});
```

2.1.2.3 Collection order

2.1.2.3.1 order Tree Diagram



2.1.2.3.2 order Properties

PROPERTY	VALUE
Collection name	order
Technical name	
Activated	true
Id	
\$ref	
Description	
Database	fondModels
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Comments	

2.1.2.3.3 order Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
id	objectId	false	dk		
user	objectId	false	fk		
ownerInfo	objectId	false	fk		
project	objectId	false	fk		
option	objectId	false	fk		
order_option_quantity	numeric	true			
order_extra	numeric	false			
order_total	numeric	false	dk		
order_note	string	false			
order_create_date	date	false			
order_status	numeric	false			
order_shipping_status	numeric	false			
order_shipping_date	date	false			
order_final_date	date	false			
order_feedback	string	false			
order_info	objectId	false	fk		

2.1.2.3.3.1 Field id

2.1.2.3.3.1.1 id Tree Diagram



2.1.2.3.3.1.2 id properties

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

2.1.2.3.3.2 Field user

2.1.2.3.3.2.1 user Tree Diagram



2.1.2.3.3.2.2 user properties

PROPERTY	VALUE
Name	user
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	user
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk order.user to user.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.3.3.3 Field ownerInfo

2.1.2.3.3.3.1 ownerInfo Tree Diagram



2.1.2.3.3.3.2 ownerInfo properties

PROPERTY	VALUE
Name	ownerInfo
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	userProposer
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk order.ownerInfo to userProposer.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.3.3.4 Field project

2.1.2.3.3.4.1 project Tree Diagram



2.1.2.3.3.4.2 project properties

PROPERTY	VALUE
Name	project
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	project
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk order.project to project.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.3.3.5 Field option

2.1.2.3.3.5.1 option Tree Diagram

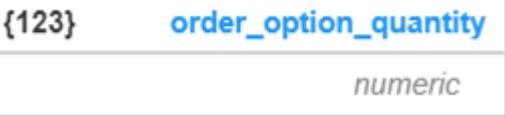


2.1.2.3.3.5.2 option properties

PROPERTY	VALUE
Name	option
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	option
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk order.option to option.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.3.3.6 Field order_option_quantity

2.1.2.3.3.6.1 order_option_quantity Tree Diagram

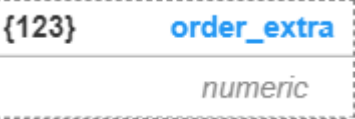


2.1.2.3.3.6.2 order_option_quantity properties

PROPERTY	VALUE
Name	order_option_quantity
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	0
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.3.3.7 Field order_extra

2.1.2.3.3.7.1 order_extra Tree Diagram

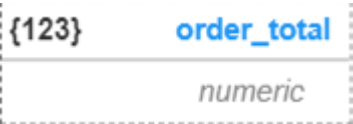


2.1.2.3.3.7.2 order_extra properties

PROPERTY	VALUE
Name	order_extra
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	0
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.3.3.8 Field order_total

2.1.2.3.3.8.1 order_total Tree Diagram

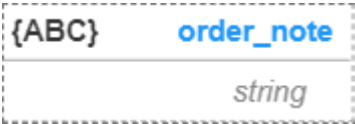


2.1.2.3.3.8.2 order_total properties

PROPERTY	VALUE
Name	order_total
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	0
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.3.3.9 Field order_note

2.1.2.3.3.9.1 order_note Tree Diagram

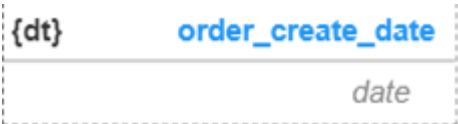


2.1.2.3.3.9.2 order_note properties

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

2.1.2.3.3.10 Field order_create_date

2.1.2.3.3.10.1 order_create_date Tree Diagram

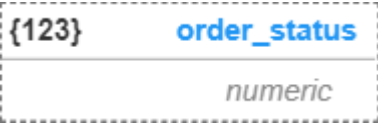


2.1.2.3.3.10.2 order_create_date properties

PROPERTY	VALUE
Name	order_create_date
Technical name	
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	ISODate("2023-04-17T07:44:07.865Z")
Now	
Faker function	
Sample	
Comments	

2.1.2.3.3.11 Field order_status

2.1.2.3.3.11.1 order_status Tree Diagram

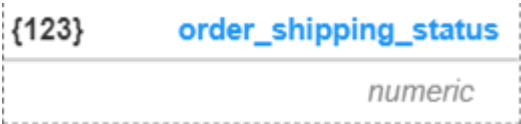


2.1.2.3.3.11.2 order_status properties

PROPERTY	VALUE
Name	order_status
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	0
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.3.3.12 Field order_shipping_status

2.1.2.3.3.12.1 order_shipping_status Tree Diagram



2.1.2.3.3.12.2 order_shipping_status properties

PROPERTY	VALUE
Name	order_shipping_status
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	0
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.3.3.13 Field order_shipping_date

2.1.2.3.3.13.1 order_shipping_date Tree Diagram

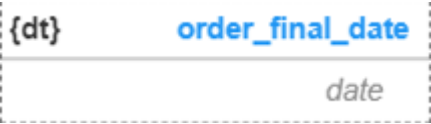


2.1.2.3.3.13.2 order_shipping_date properties

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

2.1.2.3.3.14 Field order_final_date

2.1.2.3.3.14.1 order_final_date Tree Diagram

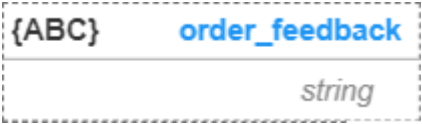


2.1.2.3.3.14.2 order_final_date properties

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

2.1.2.3.3.15 Field order_feedback

2.1.2.3.3.15.1 order_feedback Tree Diagram

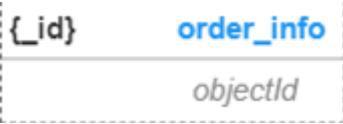


2.1.2.3.3.15.2 order_feedback properties

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

2.1.2.3.3.16 Field order_info

2.1.2.3.3.16.1 order_info Tree Diagram



2.1.2.3.3.16.2 order_info properties

PROPERTY	VALUE
Name	order_info
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	orderInfo
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk order.order_info to orderInfo.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.3.4 order JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "order",
  "properties": {
    "id": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "user": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "ownerInfo": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "project": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "option": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "order_option_quantity": {
      "type": "number",
      "minimum": 0
    },
    "order_extra": {
      "type": "number",
      "minimum": 0
    },
    "order_total": {
      "type": "number",
      "minimum": 0
    },
    "order_note": {
      "type": "string"
    },
    "order_create_date": {
      "type": "string",
      "default": "ISODate(\"2023-04-17T07:44:07.865Z\")",
      "format": "date-time"
    },
    "order_status": {
      "type": "number",
      "default": 0
    },
    "order_shipping_status": {
      "type": "number",
      "default": 0
    },
    "order_shipping_date": {
      "type": "string",
      "format": "date-time"
    },
    "order_final_date": {
      "type": "string",
      "format": "date-time"
    }
  }
}
```

```
{
  "order_feedback": {
    "type": "string"
  },
  "order_info": {
    "type": "string",
    "pattern": "^[a-fA-F0-9]{24}$"
  }
},
"additionalProperties": true,
"required": [
  "order_option_quantity"
]
}
```

2.1.2.3.5 order JSON data

```
{
  "id": ObjectId("cd7cdbc281f63a1c125dc278"),
  "user": ObjectId("fd3e7882c7a39c96abe0a6af"),
  "ownerInfo": ObjectId("4dc740d8dbefac19e6a3efa"),
  "project": ObjectId("d37cb4ddb1bbddd4b0afbc16"),
  "option": ObjectId("a69211489d9e3fbe0e7116b7"),
  "order_option_quantity": 15,
  "order_extra": 87,
  "order_total": 70,
  "order_note": "Lorem",
  "order_create_date": ISODate("2023-04-17T07:44:07.865Z"),
  "order_status": 0,
  "order_shipping_status": 0,
  "order_shipping_date": ISODate("2016-04-08T15:06:21.595Z"),
  "order_final_date": ISODate("2016-04-08T15:06:21.595Z"),
  "order_feedback": "Lorem",
  "order_info": ObjectId("ad197afe779cce667c3d7d92")
}
```

2.1.2.3.6 order Target Script

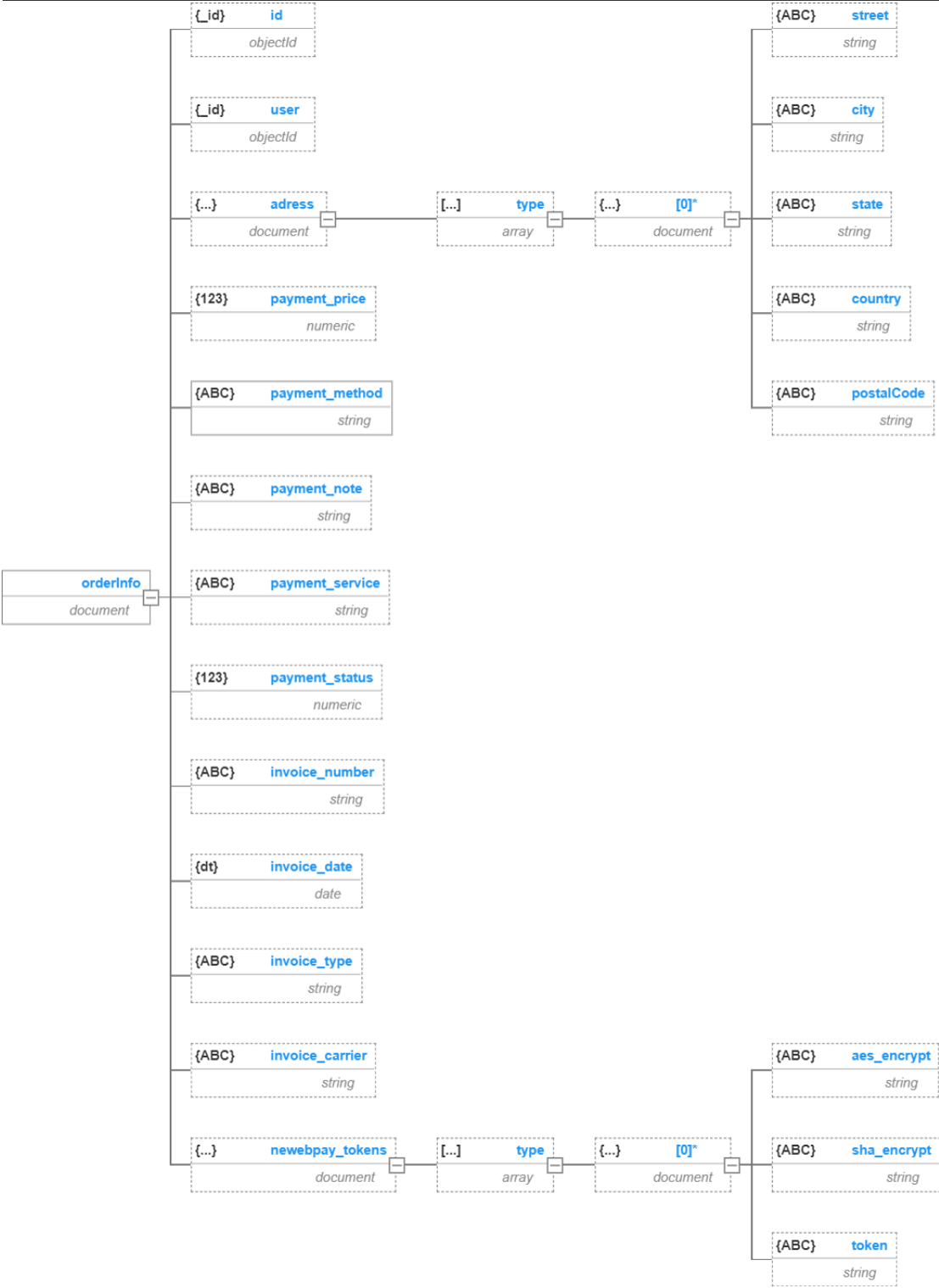
```
use fondModels;

db.createCollection("order", {
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "order",
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "id": {
          "bsonType": "objectId"
        },
        "user": {
          "bsonType": "objectId"
        },
        "ownerInfo": {
          "bsonType": "objectId"
        },
        "project": {
          "bsonType": "objectId"
        },
        "option": {
          "bsonType": "objectId"
        },
        "order_option_quantity": {
          "bsonType": "number",
          "minimum": 0
        },
        "order_extra": {
          "bsonType": "number",
          "minimum": 0
        },
        "order_total": {
          "bsonType": "number",
          "minimum": 0
        },
        "order_note": {
          "bsonType": "string"
        },
        "order_create_date": {
          "bsonType": "date"
        },
        "order_status": {
          "bsonType": "number"
        },
        "order_shipping_status": {
          "bsonType": "number"
        },
        "order_shipping_date": {
          "bsonType": "date"
        },
        "order_final_date": {
          "bsonType": "date"
        },
        "order_feedback": {
          "bsonType": "string"
        }
      }
    }
  }
});
```

```
    "order_info": {
      "bsonType": "objectId"
    }
  },
  "additionalProperties": true,
  "required": [
    "order_option_quantity"
  ]
},
"validationLevel": "off",
"validationAction": "warn"
});
```

2.1.2.4 Collection orderInfo

2.1.2.4.1 orderInfo Tree Diagram



2.1.2.4.2 orderInfo Properties

PROPERTY	VALUE
Collection name	orderInfo
Technical name	
Activated	true
Id	
\$ref	
Description	
Database	fondModels
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Comments	

2.1.2.4.3 orderInfo Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
id	objectId	false	dk		
user	objectId	false			
adress	document	false			
type	array	false			
[0]	document	false			
street	string	false			
city	string	false			
state	string	false			
country	string	false			
postalCode	string	false			
payment_price	numeric	false	fk		
payment_method	string	true			
payment_note	string	false			
payment_service	string	false			
payment_status	numeric	false			
invoice_number	string	false			
invoice_date	date	false			
invoice_type	string	false			
invoice_carrier	string	false			
newebpay_tokens	document	false			
type	array	false			
[0]	document	false			
aes_encrypt	string	false			
sha_encrypt	string	false			
token	string	false			

2.1.2.4.3.1 Field id

2.1.2.4.3.1.1 id Tree Diagram



2.1.2.4.3.1.2 id properties

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

2.1.2.4.3.2 Field user

2.1.2.4.3.2.1 user Tree Diagram



2.1.2.4.3.2.2 user properties

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

2.1.2.4.3.3 Field adress

2.1.2.4.3.3.1 adress Tree Diagram



2.1.2.4.3.3.2 adress Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.4.3.3 adress properties

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

2.1.2.4.3.4 Field type

2.1.2.4.3.4.1 type Tree Diagram



2.1.2.4.3.4.2 type Hierarchy

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

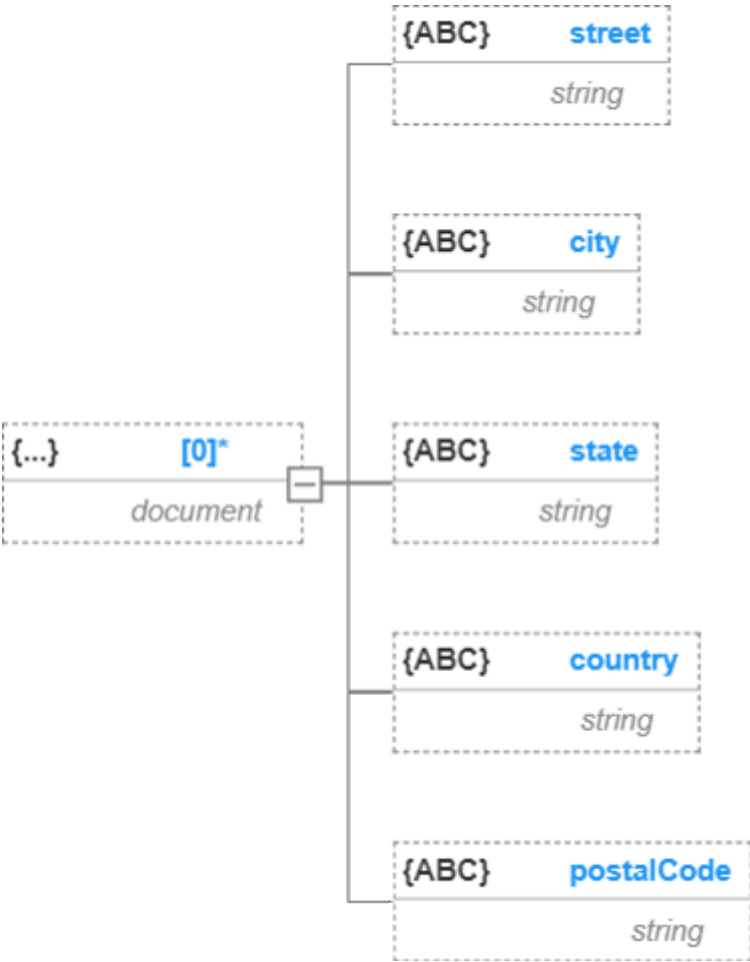
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.4.3.4.3 type properties

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

2.1.2.4.3.5 Field [0]

2.1.2.4.3.5.1 [0] Tree Diagram



2.1.2.4.3.5.2 [0] Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
street	string	false			
city	string	false			
state	string	false			
country	string	false			
postalCode	string	false			

2.1.2.4.3.5.3 [0] properties

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

2.1.2.4.3.6 Field street

2.1.2.4.3.6.1 street Tree Diagram

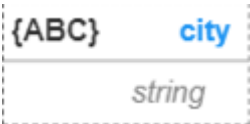


2.1.2.4.3.6.2 street properties

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

2.1.2.4.3.7 Field city

2.1.2.4.3.7.1 city Tree Diagram



2.1.2.4.3.7.2 city properties

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

2.1.2.4.3.8 Field state

2.1.2.4.3.8.1 state Tree Diagram



2.1.2.4.3.8.2 state properties

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

2.1.2.4.3.9 Field country

2.1.2.4.3.9.1 country Tree Diagram

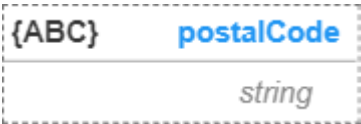


2.1.2.4.3.9.2 country properties

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

2.1.2.4.3.10 Field postalCode

2.1.2.4.3.10.1 postalCode Tree Diagram

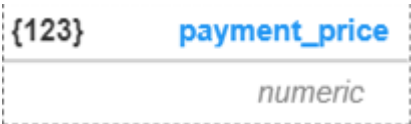


2.1.2.4.3.10.2 postalCode properties

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

2.1.2.4.3.11 Field payment_price

2.1.2.4.3.11.1 payment_price Tree Diagram

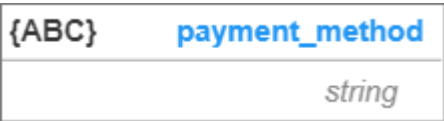


2.1.2.4.3.11.2 payment_price properties

PROPERTY	VALUE
Name	payment_price
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	order
Foreign field	order_total
Relationship type	Foreign Key
Relationship name	fk orderInfo.payment_price to order.order_total
Cardinality	1
Default	
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.4.3.12 Field payment_method

2.1.2.4.3.12.1 payment_method Tree Diagram

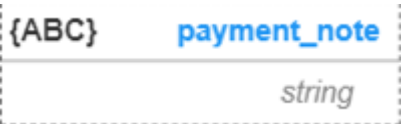


2.1.2.4.3.12.2 payment_method properties

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

2.1.2.4.3.13 Field payment_note

2.1.2.4.3.13.1 payment_note Tree Diagram

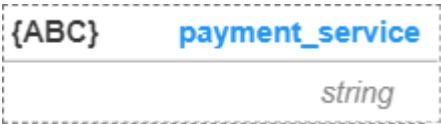


2.1.2.4.3.13.2 payment_note properties

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

2.1.2.4.3.14 Field payment_service

2.1.2.4.3.14.1 payment_service Tree Diagram

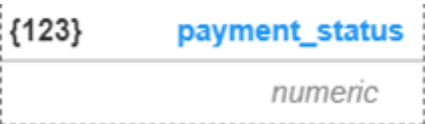


2.1.2.4.3.14.2 payment_service properties

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

2.1.2.4.3.15 Field payment_status

2.1.2.4.3.15.1 payment_status Tree Diagram

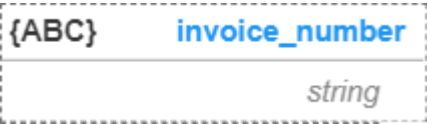


2.1.2.4.3.15.2 payment_status properties

PROPERTY	VALUE
Name	payment_status
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	3
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.4.3.16 Field invoice_number

2.1.2.4.3.16.1 invoice_number Tree Diagram

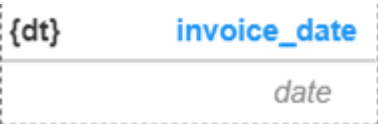


2.1.2.4.3.16.2 invoice_number properties

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

2.1.2.4.3.17 Field invoice_date

2.1.2.4.3.17.1 invoice_date Tree Diagram

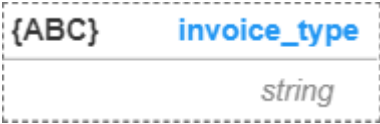


2.1.2.4.3.17.2 invoice_date properties

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

2.1.2.4.3.18 Field invoice_type

2.1.2.4.3.18.1 invoice_type Tree Diagram

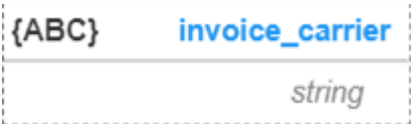


2.1.2.4.3.18.2 invoice_type properties

PROPERTY	VALUE
Name	invoice_type
Technical name	
Activated	true
Id	
Field-level encryption	
Type	string
Description	
Format	
Pattern	
Min length	
Max length	
Default	
Enum	紙本發票,電子載具,三聯式發票
Required	
Primary key	
Dependencies	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Faker function	
Sample	
Comments	

2.1.2.4.3.19 Field invoice_carrier

2.1.2.4.3.19.1 invoice_carrier Tree Diagram



2.1.2.4.3.19.2 invoice_carrier properties

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

2.1.2.4.3.20 Field newebpay_tokens

2.1.2.4.3.20.1 newebpay_tokens Tree Diagram



2.1.2.4.3.20.2 newebpay_tokens Hierarchy

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

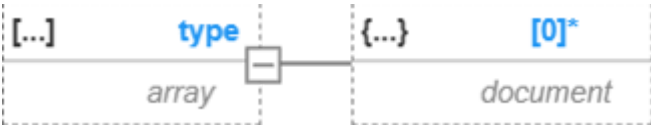
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.4.3.20.3 newebpay_tokens properties

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

2.1.2.4.3.21 Field type

2.1.2.4.3.21.1 type Tree Diagram



2.1.2.4.3.21.2 type Hierarchy

Parent field: newebpay_tokens
Child field(s):

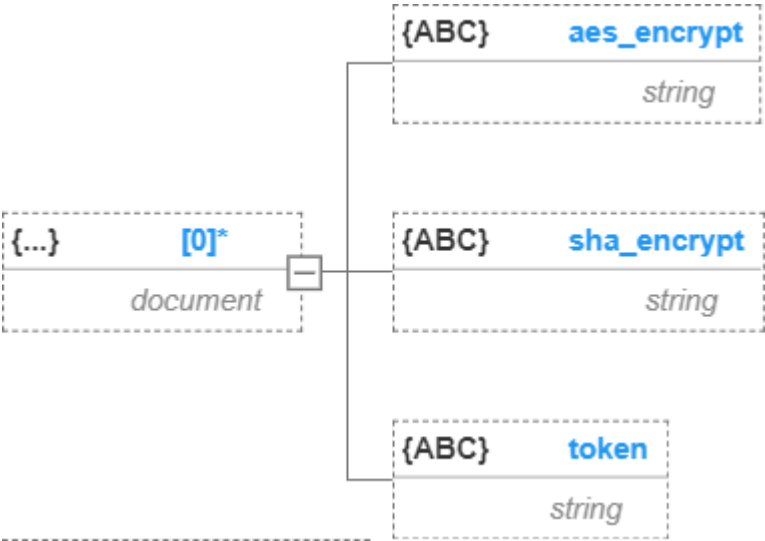
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.4.3.21.3 type properties

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

2.1.2.4.3.22 Field [0]

2.1.2.4.3.22.1 [0] Tree Diagram



2.1.2.4.3.22.2 [0] Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
aes_encrypt	string	false			
sha_encrypt	string	false			
token	string	false			

2.1.2.4.3.22.3 [0] properties

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

2.1.2.4.3.23 Field aes_encrypt

2.1.2.4.3.23.1 aes_encrypt Tree Diagram



2.1.2.4.3.23.2 aes_encrypt properties

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

2.1.2.4.3.24 Field sha_encrypt

2.1.2.4.3.24.1 sha_encrypt Tree Diagram

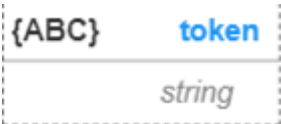


2.1.2.4.3.24.2 sha_encrypt properties

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

2.1.2.4.3.25 Field token

2.1.2.4.3.25.1 token Tree Diagram



2.1.2.4.3.25.2 token properties

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

2.1.2.4.4 orderInfo JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "orderInfo",
  "properties": {
    "id": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "user": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "adress": {
      "type": "object",
      "properties": {
        "type": {
          "type": "array",
          "additionalItems": true,
          "items": {
            "type": "object",
            "properties": {
              "street": {
                "type": "string"
              },
              "city": {
                "type": "string"
              },
              "state": {
                "type": "string"
              },
              "country": {
                "type": "string"
              },
              "postalCode": {
                "type": "string"
              }
            }
          },
          "additionalProperties": true
        }
      },
      "additionalProperties": true
    },
    "payment_price": {
      "type": "number"
    },
    "payment_method": {
      "type": "string",
      "enum": [
        "信用卡",
        "ATM",
        "信用卡分期"
      ]
    },
    "payment_note": {
      "type": "string"
    },
    "payment_service": {
      "type": "string"
    }
  }
}
```

```

    },
    "payment_status": {
      "type": "number",
      "default": 3
    },
    },
    "invoice_number": {
      "type": "string"
    },
    },
    "invoice_date": {
      "type": "string",
      "format": "date-time"
    },
    },
    "invoice_type": {
      "type": "string",
      "enum": [
        "紙本發票",
        "電子載具",
        "三聯式發票"
      ]
    },
    },
    "invoice_carrier": {
      "type": "string"
    },
    },
    "newebpay_tokens": {
      "type": "object",
      "properties": {
        "type": {
          "type": "array",
          "additionalItems": true,
          "items": {
            "type": "object",
            "properties": {
              "aes_encrypt": {
                "type": "string"
              },
              "sha_encrypt": {
                "type": "string"
              },
              "token": {
                "type": "string"
              }
            }
          },
          "additionalProperties": true
        }
      },
      "additionalProperties": true
    },
    "required": [
      "payment_method"
    ]
  }
}

```

2.1.2.4.5 orderInfo JSON data

```
{
  "id": ObjectId("ad3b308fdcae4beba6fb00d0"),
  "user": ObjectId("a8267ab8706f54a7be25983f"),
  "adress": {
    "type": [
      {
        "street": "Lorem",
        "city": "Lorem",
        "state": "Lorem",
        "country": "Lorem",
        "postalCode": "Lorem"
      }
    ]
  },
  "payment_price": 1,
  "payment_method": "信用卡分期",
  "payment_note": "Lorem",
  "payment_service": "Lorem",
  "payment_status": 3,
  "invoice_number": "Lorem",
  "invoice_date": ISODate("2016-04-08T15:06:21.595Z"),
  "invoice_type": "三聯式發票",
  "invoice_carrier": "Lorem",
  "newebpay_tokens": {
    "type": [
      {
        "aes_encrypt": "Lorem",
        "sha_encrypt": "Lorem",
        "token": "Lorem"
      }
    ]
  }
}
```

2.1.2.4.6 orderInfo Target Script

```
use fondModels;

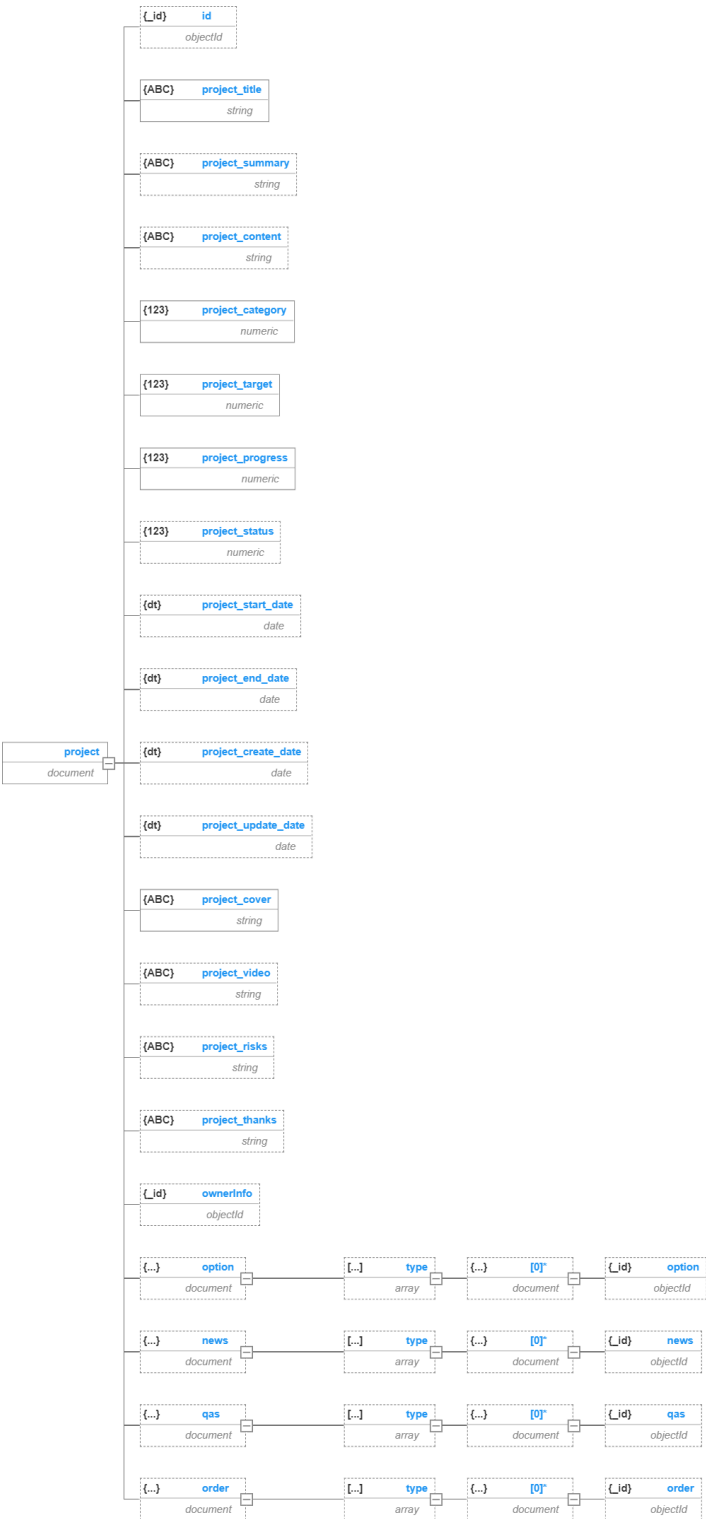
db.createCollection("orderInfo", {
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "orderInfo",
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "id": {
          "bsonType": "objectId"
        },
        "user": {
          "bsonType": "objectId"
        },
        "adress": {
          "bsonType": "object",
          "properties": {
            "type": {
              "bsonType": "array",
              "additionalItems": true,
              "items": {
                "bsonType": "object",
                "properties": {
                  "street": {
                    "bsonType": "string"
                  },
                  "city": {
                    "bsonType": "string"
                  },
                  "state": {
                    "bsonType": "string"
                  },
                  "country": {
                    "bsonType": "string"
                  },
                  "postalCode": {
                    "bsonType": "string"
                  }
                }
              },
              "additionalProperties": true
            }
          },
          "additionalProperties": true
        },
        "payment_price": {
          "bsonType": "number"
        },
        "payment_method": {
          "bsonType": "string",
          "enum": [
            "信用卡",
            "ATM",
            "信用卡分期"
          ]
        }
      }
    }
  }
})
```

```
"payment_note": {
  "bsonType": "string"
},
"payment_service": {
  "bsonType": "string"
},
"payment_status": {
  "bsonType": "number"
},
"invoice_number": {
  "bsonType": "string"
},
"invoice_date": {
  "bsonType": "date"
},
"invoice_type": {
  "bsonType": "string",
  "enum": [
    "紙本發票",
    "電子載具",
    "三聯式發票"
  ]
},
"invoice_carrier": {
  "bsonType": "string"
},
"newebpay_tokens": {
  "bsonType": "object",
  "properties": {
    "type": {
      "bsonType": "array",
      "additionalItems": true,
      "items": {
        "bsonType": "object",
        "properties": {
          "aes_encrypt": {
            "bsonType": "string"
          },
          "sha_encrypt": {
            "bsonType": "string"
          },
          "token": {
            "bsonType": "string"
          }
        }
      },
      "additionalProperties": true
    }
  },
  "additionalProperties": true
},
"required": [
  "payment_method"
]
},
"validationLevel": "off",
```

```
"validationAction": "warn"
});
```

2.1.2.5 Collection project

2.1.2.5.1 project Tree Diagram



2.1.2.5.2 project Properties

PROPERTY	VALUE
Collection name	project
Technical name	
Activated	true
Id	
\$ref	
Description	
Database	fondModels
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Comments	

2.1.2.5.3 project Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
id	objectId	false	dk		
project_title	string	true			
project_summary	string	false			
project_content	string	false			
project_category	numeric	true			
project_target	numeric	true			
project_progress	numeric	true			
project_status	numeric	false			
project_start_date	date	false			
project_end_date	date	false			
project_create_date	date	false			
project_update_date	date	false			
project_cover	string	true			
project_video	string	false			
project_risks	string	false			
project_thanks	string	false			
ownerInfo	objectId	false	fk		
option	document	false			
type	array	false			
[0]	document	false			
option	objectId	false	fk		
news	document	false			
type	array	false			
[0]	document	false			
news	objectId	false	fk		
qas	document	false			
type	array	false			
[0]	document	false			
qas	objectId	false	fk		
order	document	false			
type	array	false			
[0]	document	false			
order	objectId	false	fk		

2.1.2.5.3.1 Field id

2.1.2.5.3.1.1 id Tree Diagram



2.1.2.5.3.1.2 id properties

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

2.1.2.5.3.2 Field project_title

2.1.2.5.3.2.1 project_title Tree Diagram



2.1.2.5.3.2.2 project_title properties

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

2.1.2.5.3.3 Field project_summary

2.1.2.5.3.3.1 project_summary Tree Diagram

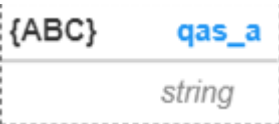


2.1.2.5.3.3.2 project_summary properties

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

2.1.2.5.3.4 Field project_content

2.1.2.5.3.4.1 project_content Tree Diagram



2.1.2.5.3.4.2 project_content properties

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

2.1.2.5.3.5 Field project_category

2.1.2.5.3.5.1 project_category Tree Diagram



2.1.2.5.3.5.2 project_category properties

PROPERTY	VALUE
Name	project_category
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
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	
Comments	

2.1.2.5.3.6 Field project_target

2.1.2.5.3.6.1 project_target Tree Diagram



2.1.2.5.3.6.2 project_target properties

PROPERTY	VALUE
Name	project_target
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	0
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.5.3.7 Field project_progress

2.1.2.5.3.7.1 project_progress Tree Diagram

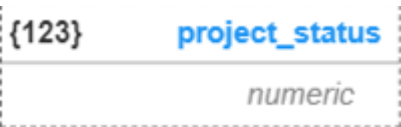
{0/1}	enables
	boolean

2.1.2.5.3.7.2 project_progress properties

PROPERTY	VALUE
Name	project_progress
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Unit	
Min value	0
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.5.3.8 Field project_status

2.1.2.5.3.8.1 project_status Tree Diagram



2.1.2.5.3.8.2 project_status properties

PROPERTY	VALUE
Name	project_status
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	3
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.5.3.9 Field project_start_date

2.1.2.5.3.9.1 project_start_date Tree Diagram

{ABC}	user_name
	string

2.1.2.5.3.9.2 project_start_date properties

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

2.1.2.5.3.10 Field project_end_date

2.1.2.5.3.10.1 project_end_date Tree Diagram

{ABC}	user_hash_pwd
	string

2.1.2.5.3.10.2 project_end_date properties

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

2.1.2.5.3.11 Field project_create_date

2.1.2.5.3.11.1 project_create_date Tree Diagram

{ABC}	user_email
	string

2.1.2.5.3.11.2 project_create_date properties

PROPERTY	VALUE
Name	project_create_date
Technical name	
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	ISODate("2023-04-17T07:44:09.328Z")
Now	
Faker function	
Sample	
Comments	

2.1.2.5.3.12 Field project_update_date

2.1.2.5.3.12.1 project_update_date Tree Diagram

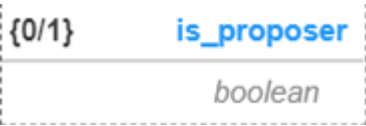


2.1.2.5.3.12.2 project_update_date properties

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

2.1.2.5.3.13 Field project_cover

2.1.2.5.3.13.1 project_cover Tree Diagram

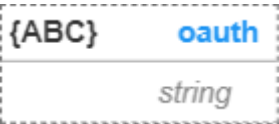


2.1.2.5.3.13.2 project_cover properties

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

2.1.2.5.3.14 Field project_video

2.1.2.5.3.14.1 project_video Tree Diagram



2.1.2.5.3.14.2 project_video properties

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

2.1.2.5.3.15 Field project_risks

2.1.2.5.3.15.1 project_risks Tree Diagram



2.1.2.5.3.15.2 project_risks properties

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

2.1.2.5.3.16 Field project_thanks

2.1.2.5.3.16.1 project_thanks Tree Diagram

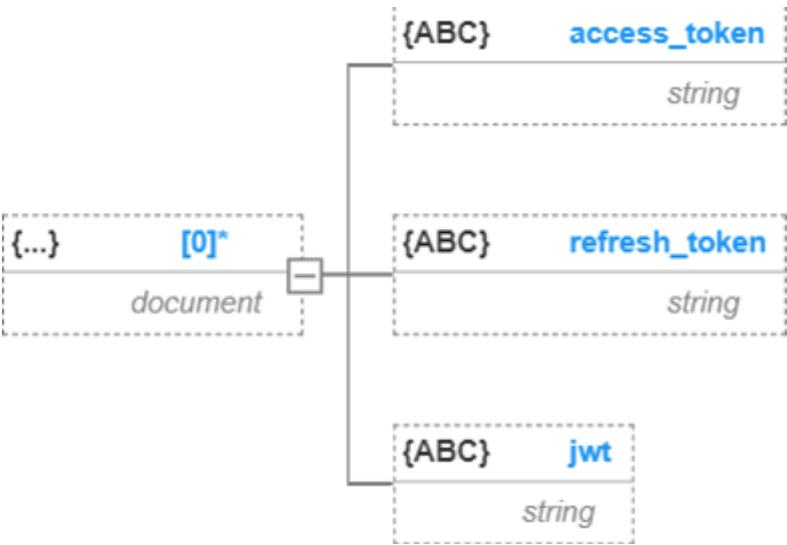


2.1.2.5.3.16.2 project_thanks properties

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

2.1.2.5.3.17 Field ownerInfo

2.1.2.5.3.17.1 ownerInfo Tree Diagram

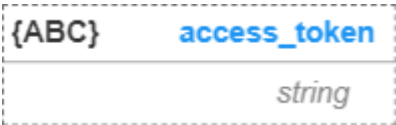


2.1.2.5.3.17.2 ownerInfo properties

PROPERTY	VALUE
Name	ownerInfo
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	userProposer
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk project.ownerInfo to userProposer.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.5.3.18 Field option

2.1.2.5.3.18.1 option Tree Diagram



2.1.2.5.3.18.2 option Hierarchy

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

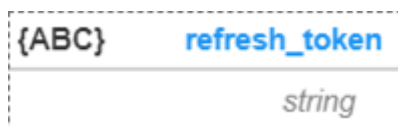
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.5.3.18.3 option properties

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

2.1.2.5.3.19 Field type

2.1.2.5.3.19.1 type Tree Diagram



2.1.2.5.3.19.2 type Hierarchy

Parent field: **option**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.5.3.19.3 type properties

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

2.1.2.5.3.20 Field [0]

2.1.2.5.3.20.1 [0] Tree Diagram



2.1.2.5.3.20.2 [0] Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
option	objectId	false			

2.1.2.5.3.20.3 [0] properties

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

2.1.2.5.3.21 Field option

2.1.2.5.3.21.1 option Tree Diagram

{0/1}	is_verified
	<i>boolean</i>

2.1.2.5.3.21.2 option properties

PROPERTY	VALUE
Name	option
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	option
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk project.option.type.[0].option to option.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.5.3.22 Field news

2.1.2.5.3.22.1 news Tree Diagram

{dt}	user_create_date
	date

2.1.2.5.3.22.2 news Hierarchy

Parent field: **project**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.5.3.22.3 news properties

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

2.1.2.5.3.23 Field type

2.1.2.5.3.23.1 type Tree Diagram

{dt}	user_update_date
	date

2.1.2.5.3.23.2 type Hierarchy

Parent field: **news**

Child field(s):

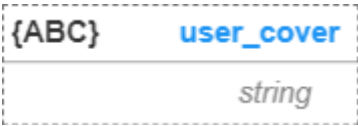
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.5.3.23.3 type properties

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

2.1.2.5.3.24 Field [0]

2.1.2.5.3.24.1 [0] Tree Diagram



2.1.2.5.3.24.2 [0] Hierarchy

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

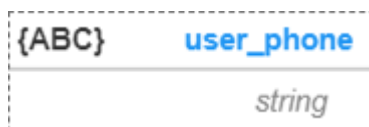
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
news	objectId	false			

2.1.2.5.3.24.3 [0] properties

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

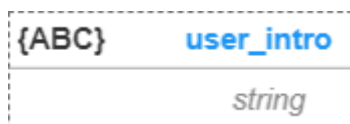
2.1.2.5.3.25 Field news

2.1.2.5.3.25.1 news Tree Diagram



2.1.2.5.3.25.2 news properties

PROPERTY	VALUE
Name	news
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	news
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk project.news.type.[0].news to news.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.5.3.26 Field qas**2.1.2.5.3.26.1 qas Tree Diagram****2.1.2.5.3.26.2 qas Hierarchy**Parent field: **project**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.5.3.26.3 qas properties

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

2.1.2.5.3.27 Field type**2.1.2.5.3.27.1 type Tree Diagram****2.1.2.5.3.27.2 type Hierarchy**Parent field: **qas**

Child field(s):

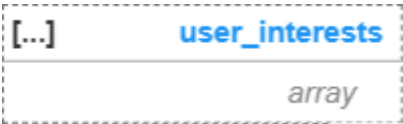
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.5.3.27.3 type properties

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

2.1.2.5.3.28 Field [0]

2.1.2.5.3.28.1 [0] Tree Diagram



2.1.2.5.3.28.2 [0] Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
gas	objectId	false			

2.1.2.5.3.28.3 [0] properties

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

2.1.2.5.3.29 Field qas

2.1.2.5.3.29.1 qas Tree Diagram



2.1.2.5.3.29.2 qas properties

PROPERTY	VALUE
Name	qas
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	qas
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk project.qas.type.[0].qas to qas.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.5.3.30 Field order

2.1.2.5.3.30.1 order Tree Diagram



2.1.2.5.3.30.2 order Hierarchy

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

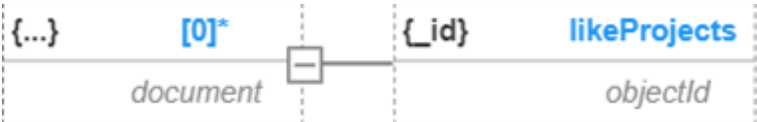
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.5.3.30.3 order properties

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

2.1.2.5.3.31 Field type

2.1.2.5.3.31.1 type Tree Diagram



2.1.2.5.3.31.2 type Hierarchy

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

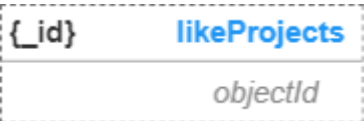
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.5.3.31.3 type properties

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

2.1.2.5.3.32 Field [0]

2.1.2.5.3.32.1 [0] Tree Diagram



2.1.2.5.3.2 [0] Hierarchy

Parent field: **type**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
order	objectId	false			

2.1.2.5.32.3 [0] properties

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

2.1.2.5.33 Field order

2.1.2.5.33.1 order Tree Diagram



2.1.2.5.33.2 order properties

PROPERTY	VALUE
Name	order
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	order
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk project.order.type.[0].order to order.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.5.4 project JSON Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "project",
  "properties": {
    "id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "project_title": {
      "type": "string"
    },
    "project_summary": {
      "type": "string"
    },
    "project_content": {
      "type": "string"
    },
    "project_category": {
      "type": "number"
    },
    "project_target": {
      "type": "number",
      "minimum": 0
    },
    "project_progress": {
      "type": "number",
      "minimum": 0
    },
    "project_status": {
      "type": "number",
      "default": 3
    },
    "project_start_date": {
      "type": "string",
      "format": "date-time"
    },
    "project_end_date": {
      "type": "string",
      "format": "date-time"
    },
    "project_create_date": {
      "type": "string",
      "default": "ISODate(\\\"2023-04-17T07:44:09.328Z\\\")",
      "format": "date-time"
    },
    "project_update_date": {
      "type": "string",
      "format": "date-time"
    },
    "project_cover": {
      "type": "string"
    },
    "project_video": {
      "type": "string"
    },
    "project_risks": {
      "type": "string"
    },
    "project_thanks": {
```

```

    "type": "string"
  },
  "ownerInfo": {
    "type": "string",
    "pattern": "^[a-zA-F0-9]{24}$"
  },
  "option": {
    "type": "object",
    "properties": {
      "type": {
        "type": "array",
        "additionalItems": true,
        "items": {
          "type": "object",
          "properties": {
            "option": {
              "type": "string",
              "pattern": "^[a-zA-F0-9]{24}$"
            }
          }
        },
        "additionalProperties": true
      }
    }
  },
  "additionalProperties": true
},
"news": {
  "type": "object",
  "properties": {
    "type": {
      "type": "array",
      "additionalItems": true,
      "items": {
        "type": "object",
        "properties": {
          "news": {
            "type": "string",
            "pattern": "^[a-zA-F0-9]{24}$"
          }
        }
      },
      "additionalProperties": true
    }
  }
},
"additionalProperties": true
},
"qas": {
  "type": "object",
  "properties": {
    "type": {
      "type": "array",
      "additionalItems": true,
      "items": {
        "type": "object",
        "properties": {
          "qas": {
            "type": "string",
            "pattern": "^[a-zA-F0-9]{24}$"
          }
        }
      },
      "additionalProperties": true
    }
  }
},
"additionalProperties": true

```

```

    }
  }
},
"additionalProperties": true
},
"order": {
  "type": "object",
  "properties": {
    "type": {
      "type": "array",
      "additionalItems": true,
      "items": {
        "type": "object",
        "properties": {
          "order": {
            "type": "string",
            "pattern": "[a-zA-F0-9]{24}$"
          }
        },
        "additionalProperties": true
      }
    },
    "additionalProperties": true
  }
},
"additionalProperties": true
}
},
"additionalProperties": true,
"required": [
  "project_title",
  "project_category",
  "project_target",
  "project_progress",
  "project_cover"
]
}

```

2.1.2.5.5 project JSON data

```

{
  "id": ObjectId("ab2c1dd92bbfc4a72ac9a4bd"),
  "project_title": "Lorem",
  "project_summary": "Lorem",
  "project_content": "Lorem",
  "project_category": 99,
  "project_target": 30,
  "project_progress": 71,
  "project_status": 3,
  "project_start_date": ISODate("2016-04-08T15:06:21.595Z"),
  "project_end_date": ISODate("2016-04-08T15:06:21.595Z"),
  "project_create_date": ISODate("2023-04-17T07:44:09.328Z"),
  "project_update_date": ISODate("2016-04-08T15:06:21.595Z"),
  "project_cover": "Lorem",
  "project_video": "Lorem",
  "project_risks": "Lorem",
  "project_thanks": "Lorem",
  "ownerInfo": ObjectId("4d1e2e3edbdfe4539f9bb06b"),
  "option": {
    "type": [
      {
        "option": ObjectId("45c087f41bb5fedf87ded97e")
      }
    ]
  },
  "news": {
    "type": [
      {
        "news": ObjectId("c443702ef4cb259f93be1f33")
      }
    ]
  },
  "qas": {
    "type": [
      {
        "qas": ObjectId("edda05d80c9ef57c1c9a2111")
      }
    ]
  },
  "order": {
    "type": [
      {
        "order": ObjectId("ced9fde5d82db7eacad530ba")
      }
    ]
  }
}

```

2.1.2.5.6 project Target Script

```
use fondModels;

db.createCollection("project", {
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "project",
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "id": {
          "bsonType": "objectId"
        },
        "project_title": {
          "bsonType": "string"
        },
        "project_summary": {
          "bsonType": "string"
        },
        "project_content": {
          "bsonType": "string"
        },
        "project_category": {
          "bsonType": "number"
        },
        "project_target": {
          "bsonType": "number",
          "minimum": 0
        },
        "project_progress": {
          "bsonType": "number",
          "minimum": 0
        },
        "project_status": {
          "bsonType": "number"
        },
        "project_start_date": {
          "bsonType": "date"
        },
        "project_end_date": {
          "bsonType": "date"
        },
        "project_create_date": {
          "bsonType": "date"
        },
        "project_update_date": {
          "bsonType": "date"
        },
        "project_cover": {
          "bsonType": "string"
        },
        "project_video": {
          "bsonType": "string"
        },
        "project_risks": {
          "bsonType": "string"
        },
        "project_thanks": {
```

```

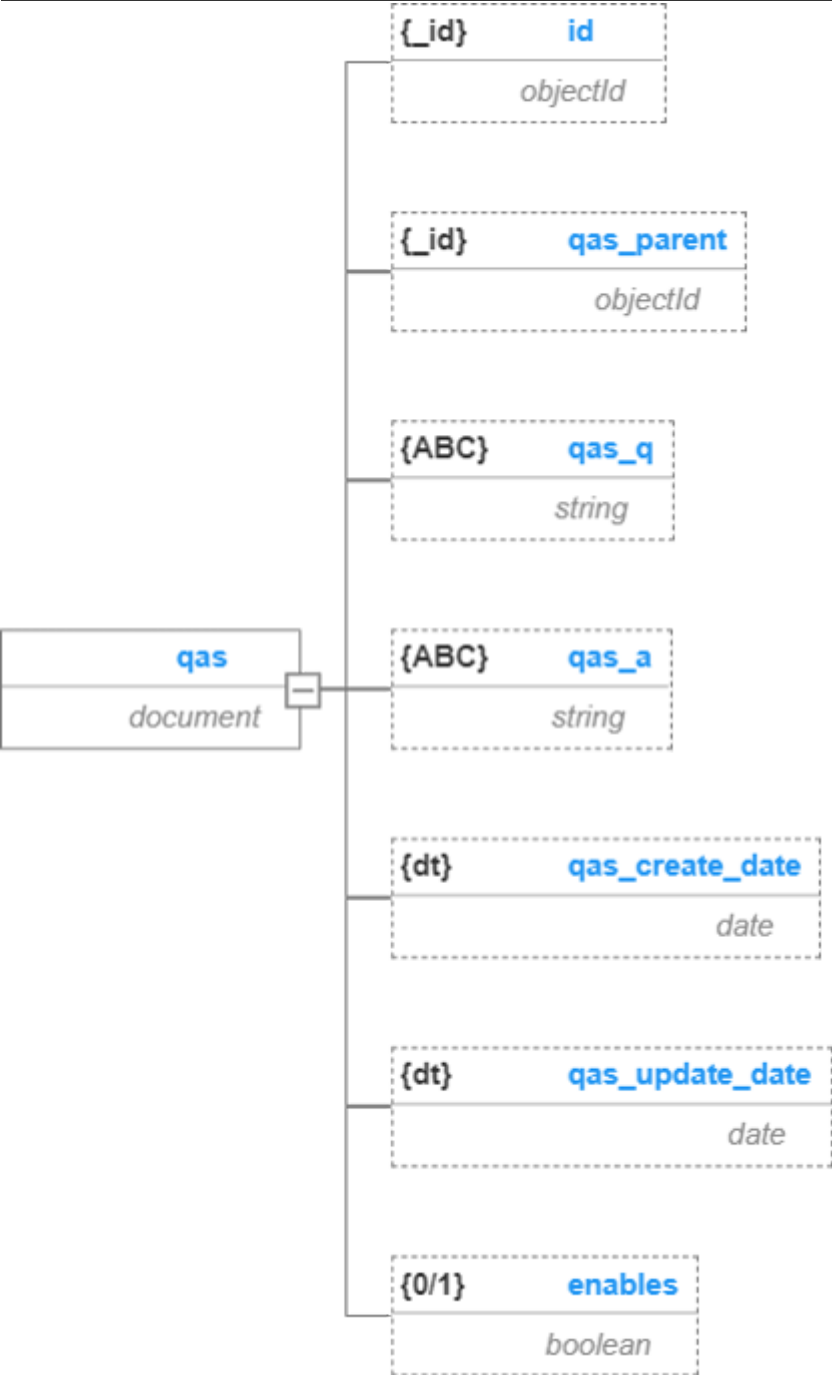
    "bsonType": "string"
  },
  "ownerInfo": {
    "bsonType": "objectId"
  },
  "option": {
    "bsonType": "object",
    "properties": {
      "type": {
        "bsonType": "array",
        "additionalItems": true,
        "items": {
          "bsonType": "object",
          "properties": {
            "option": {
              "bsonType": "objectId"
            }
          }
        },
        "additionalProperties": true
      }
    }
  },
  "additionalProperties": true
},
"news": {
  "bsonType": "object",
  "properties": {
    "type": {
      "bsonType": "array",
      "additionalItems": true,
      "items": {
        "bsonType": "object",
        "properties": {
          "news": {
            "bsonType": "objectId"
          }
        }
      },
      "additionalProperties": true
    }
  },
  "additionalProperties": true
},
"qas": {
  "bsonType": "object",
  "properties": {
    "type": {
      "bsonType": "array",
      "additionalItems": true,
      "items": {
        "bsonType": "object",
        "properties": {
          "qas": {
            "bsonType": "objectId"
          }
        }
      },
      "additionalProperties": true
    }
  },
  "additionalProperties": true
}

```

```
    },
    "order": {
      "bsonType": "object",
      "properties": {
        "type": {
          "bsonType": "array",
          "additionalItems": true,
          "items": {
            "bsonType": "object",
            "properties": {
              "order": {
                "bsonType": "objectId"
              }
            }
          },
          "additionalProperties": true
        }
      }
    },
    "additionalProperties": true
  }
},
"additionalProperties": true,
"required": [
  "project_title",
  "project_category",
  "project_target",
  "project_progress",
  "project_cover"
]
}
},
"validationLevel": "off",
"validationAction": "warn"
});
```

2.1.2.6 Collection qas

2.1.2.6.1 qas Tree Diagram



2.1.2.6.2 gas Properties

PROPERTY	VALUE
Collection name	gas
Technical name	
Activated	true
Id	
\$ref	
Description	
Database	fondModels
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Comments	

2.1.2.6.3 gas Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
id	objectId	false	dk		
gas_parent	objectId	false	fk		
gas_q	string	false			
gas_a	string	false			
gas_create_date	date	false			
gas_update_date	date	false			
enables	boolean	false			

2.1.2.6.3.1 Field id

2.1.2.6.3.1.1 id Tree Diagram



2.1.2.6.3.1.2 id properties

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

2.1.2.6.3.2 Field qas_parent**2.1.2.6.3.2.1 qas_parent Tree Diagram****2.1.2.6.3.2.2 qas_parent properties**

PROPERTY	VALUE
Name	qas_parent
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	project
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk qas.qas_parent to project.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.6.3.3 Field qas_q

2.1.2.6.3.3.1 qas_q Tree Diagram

2.1.2.6.3.3.2 qas_q properties

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

2.1.2.6.3.4 Field qas_a

2.1.2.6.3.4.1 qas_a Tree Diagram

2.1.2.6.3.4.2 qas_a properties

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

2.1.2.6.3.5 Field qas_create_date

2.1.2.6.3.5.1 qas_create_date Tree Diagram

2.1.2.6.3.5.2 qas_create_date properties

PROPERTY	VALUE
Name	qas_create_date
Technical name	
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	ISODate("2023-04-17T07:44:10.659Z")
Now	
Faker function	
Sample	
Comments	

2.1.2.6.3.6 Field qas_update_date

2.1.2.6.3.6.1 qas_update_date Tree Diagram

2.1.2.6.3.6.2 qas_update_date properties

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

2.1.2.6.3.7 Field enables**2.1.2.6.3.7.1 enables Tree Diagram****2.1.2.6.3.7.2 enables properties**

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

2.1.2.6.4 qas JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "qas",
  "properties": {
    "id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "qas_parent": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "qas_q": {
      "type": "string"
    },
    "qas_a": {
      "type": "string"
    },
    "qas_create_date": {
      "type": "string",
      "default": "ISODate(\"2023-04-17T07:44:10.659Z\")",
      "format": "date-time"
    },
    "qas_update_date": {
      "type": "string",
      "format": "date-time"
    },
    "enables": {
      "type": "boolean",
      "default": true
    }
  },
  "additionalProperties": true
}
```

2.1.2.6.5 qas JSON data

```
{
  "id": ObjectId("a0ddcec3bbcb9a5d7352ed19"),
  "qas_parent": ObjectId("c7faa33db3f9bb1d8c278fef"),
  "qas_q": "Lorem",
  "qas_a": "Lorem",
  "qas_create_date": ISODate("2023-04-17T07:44:10.659Z"),
  "qas_update_date": ISODate("2016-04-08T15:06:21.595Z"),
  "enables": true
}
```

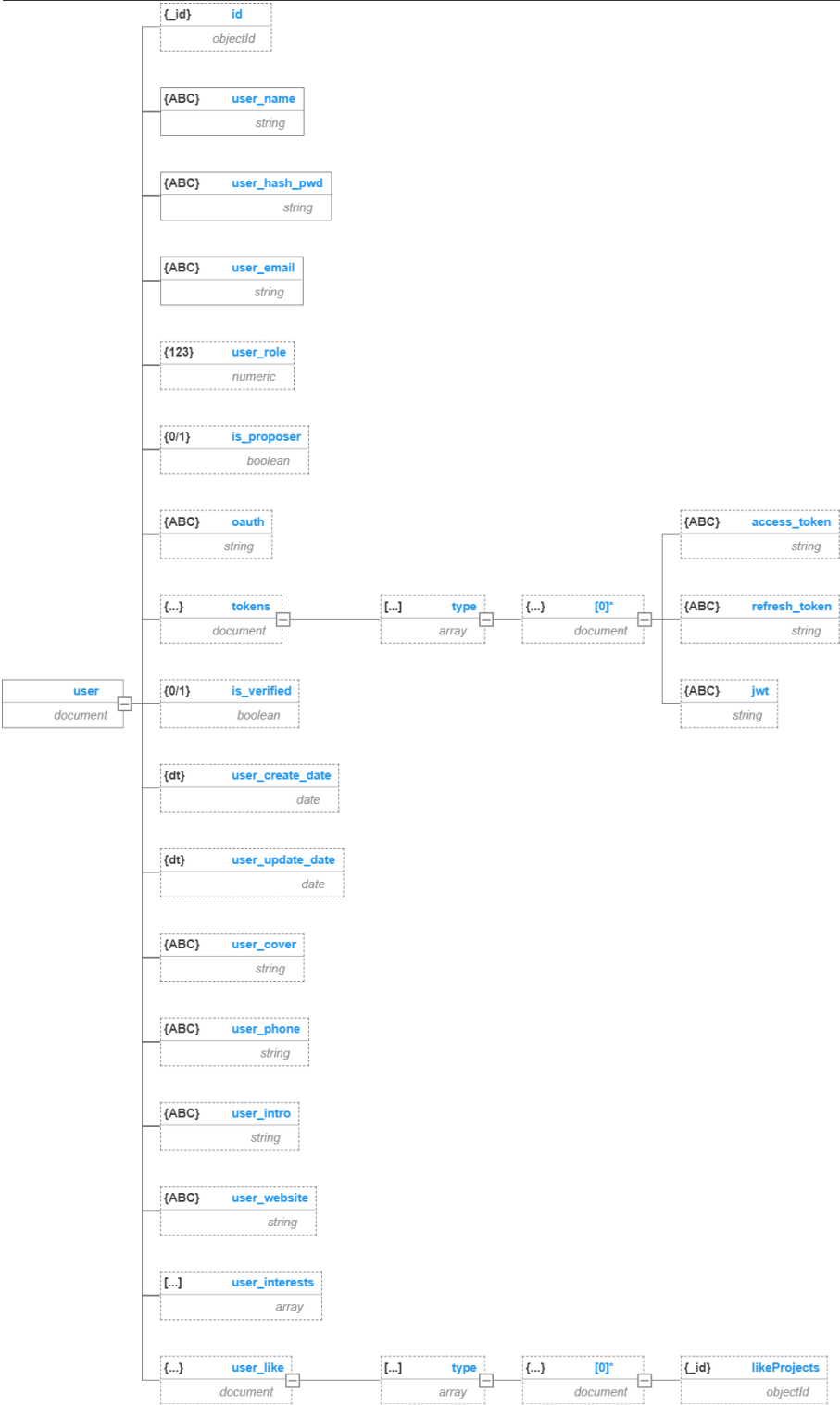
2.1.2.6.6 qas Target Script

```
use fondModels;

db.createCollection("qas", {
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "qas",
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "id": {
          "bsonType": "objectId"
        },
        "qas_parent": {
          "bsonType": "objectId"
        },
        "qas_q": {
          "bsonType": "string"
        },
        "qas_a": {
          "bsonType": "string"
        },
        "qas_create_date": {
          "bsonType": "date"
        },
        "qas_update_date": {
          "bsonType": "date"
        },
        "enables": {
          "bsonType": "bool"
        }
      }
    },
    "additionalProperties": true
  },
  "validationLevel": "off",
  "validationAction": "warn"
});
```

2.1.2.7 Collection user

2.1.2.7.1 user Tree Diagram



2.1.2.7.2 user Properties

PROPERTY	VALUE
Collection name	user
Technical name	
Activated	true
Id	
\$ref	
Description	
Database	fondModels
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Comments	

2.1.2.7.3 user Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
id	objectId	false	dk		
user_name	string	true			
user_hash_pwd	string	true			
user_email	string	true			
user_role	numeric	false			
is_proposer	boolean	false			
oauth	string	false			
tokens	document	false			
type	array	false			
[0]	document	false			
access_token	string	false			
refresh_token	string	false			
jwt	string	false			
is_verified	boolean	false			
user_create_date	date	false			
user_update_date	date	false			
user_cover	string	false			
user_phone	string	false			
user_intro	string	false			
user_website	string	false			
user_interests	array	false			
user_like	document	false			
type	array	false			
[0]	document	false			
likeProjects	objectId	false	fk		

2.1.2.7.3.1 Field id

2.1.2.7.3.1.1 id Tree Diagram



2.1.2.7.3.1.2 id properties

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

2.1.2.7.3.2 Field user_name

2.1.2.7.3.2.1 user_name Tree Diagram

2.1.2.7.3.2.2 user_name properties

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

2.1.2.7.3.3 Field user_hash_pwd

2.1.2.7.3.3.1 user_hash_pwd Tree Diagram

2.1.2.7.3.3.2 user_hash_pwd properties

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

2.1.2.7.3.4 Field user_email

2.1.2.7.3.4.1 user_email Tree Diagram

2.1.2.7.3.4.2 user_email properties

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

2.1.2.7.3.5 Field user_role

2.1.2.7.3.5.1 user_role Tree Diagram

2.1.2.7.3.5.2 user_role properties

PROPERTY	VALUE
Name	user_role
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	
Primary key	
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	1
Unit	
Min value	
Excl min	
Max value	
Excl max	
Multiple of	
Divisible by	
Enum	
Faker function	
Sample	
Comments	

2.1.2.7.3.6 Field is_proposer

2.1.2.7.3.6.1 is_proposer Tree Diagram

2.1.2.7.3.6.2 is_proposer properties

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

2.1.2.7.3.7 Field oath

2.1.2.7.3.7.1 oath Tree Diagram

2.1.2.7.3.7.2 oauth properties

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

2.1.2.7.3.8 Field tokens

2.1.2.7.3.8.1 tokens Tree Diagram

2.1.2.7.3.8.2 tokens Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.7.3.8.3 tokens properties

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

2.1.2.7.3.9 Field type

2.1.2.7.3.9.1 type Tree Diagram

2.1.2.7.3.9.2 type Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.7.3.9.3 type properties

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

2.1.2.7.3.10 Field [0]

2.1.2.7.3.10.1 [0] Tree Diagram

2.1.2.7.3.10.2 [0] Hierarchy

Parent field: **type**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
access_token	string	false			
refresh_token	string	false			
jwt	string	false			

2.1.2.7.3.10.3 [0] properties

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

2.1.2.7.3.11 Field access_token

2.1.2.7.3.11.1 access_token Tree Diagram

2.1.2.7.3.11.2 access_token properties

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

2.1.2.7.3.12 Field refresh_token

2.1.2.7.3.12.1 refresh_token Tree Diagram

2.1.2.7.3.12.2 refresh_token properties

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

2.1.2.7.3.13 Field jwt

2.1.2.7.3.13.1 jwt Tree Diagram

2.1.2.7.3.13.2 jwt properties

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

2.1.2.7.3.14 Field is_verified

2.1.2.7.3.14.1 is_verified Tree Diagram

2.1.2.7.3.14.2 is_verified properties

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

2.1.2.7.3.15 Field user_create_date**2.1.2.7.3.15.1 user_create_date Tree Diagram****2.1.2.7.3.15.2 user_create_date properties**

PROPERTY	VALUE
Name	user_create_date
Technical name	
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	ISODate("2023-04-17T07:44:11.995Z")
Now	
Faker function	
Sample	
Comments	

2.1.2.7.3.16 Field user_update_date**2.1.2.7.3.16.1 user_update_date Tree Diagram****2.1.2.7.3.16.2 user_update_date properties**

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

2.1.2.7.3.17 Field user_cover**2.1.2.7.3.17.1 user_cover Tree Diagram**

2.1.2.7.3.17.2 user_cover properties

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

2.1.2.7.3.18 Field user_phone

2.1.2.7.3.18.1 user_phone Tree Diagram

2.1.2.7.3.18.2 user_phone properties

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

2.1.2.7.3.19 Field user_intro

2.1.2.7.3.19.1 user_intro Tree Diagram

2.1.2.7.3.19.2 user_intro properties

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

2.1.2.7.3.20 Field user_website

2.1.2.7.3.20.1 user_website Tree Diagram

2.1.2.7.3.20.2 user_website properties

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

2.1.2.7.3.21 Field user_interests

2.1.2.7.3.21.1 user_interests Tree Diagram

2.1.2.7.3.21.2 user_interests properties

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

2.1.2.7.3.22 Field user_like

2.1.2.7.3.22.1 user_like Tree Diagram

2.1.2.7.3.22.2 user_like Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.7.3.22.3 user_like properties

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

2.1.2.7.3.23 Field type

2.1.2.7.3.23.1 type Tree Diagram

2.1.2.7.3.23.2 type Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.7.3.23.3 type properties

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

2.1.2.7.3.24 Field [0]

2.1.2.7.3.24.1 [0] Tree Diagram

2.1.2.7.3.24.2 [0] Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
likeProjects	objectId	false			

2.1.2.7.3.24.3 [0] properties

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

2.1.2.7.3.25 Field likeProjects**2.1.2.7.3.25.1 likeProjects Tree Diagram****2.1.2.7.3.25.2 likeProjects properties**

PROPERTY	VALUE
Name	likeProjects
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	project
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk user.user_like.type.[0].likeProjects to project.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.7.4 user JSON Schema

```

{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "user",
  "properties": {
    "id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "user_name": {
      "type": "string"
    },
    "user_hash_pwd": {
      "type": "string"
    },
    "user_email": {
      "type": "string"
    },
    "user_role": {
      "type": "number",
      "default": 1
    },
    "is_proposer": {
      "type": "boolean",
      "default": false
    },
    "oauth": {
      "type": "string"
    },
    "tokens": {
      "type": "object",
      "properties": {
        "type": {
          "type": "array",
          "additionalItems": true,
          "items": {
            "type": "object",
            "properties": {
              "access_token": {
                "type": "string"
              },
              "refresh_token": {
                "type": "string"
              },
              "jwt": {
                "type": "string"
              }
            }
          },
          "additionalProperties": true
        }
      },
      "additionalProperties": true
    },
    "is_verified": {
      "type": "boolean"
    },
    "user_create_date": {
      "type": "string",
      "default": "ISODate(\\\"2023-04-17T07:44:11.995Z\\\")",

```

```

    "format": "date-time"
  },
  "user_update_date": {
    "type": "string",
    "format": "date-time"
  },
  "user_cover": {
    "type": "string",
    "default": "/img/avatar.png"
  },
  "user_phone": {
    "type": "string"
  },
  "user_intro": {
    "type": "string"
  },
  "user_website": {
    "type": "string"
  },
  "user_interests": {
    "type": "array",
    "additionalItems": true
  },
  "user_like": {
    "type": "object",
    "properties": {
      "type": {
        "type": "array",
        "additionalItems": true,
        "items": {
          "type": "object",
          "properties": {
            "likeProjects": {
              "type": "string",
              "pattern": "^[a-zA-F0-9]{24}$"
            }
          }
        },
        "additionalProperties": true
      }
    },
    "additionalProperties": true
  },
  "additionalProperties": true,
  "required": [
    "user_name",
    "user_hash_pwd",
    "user_email"
  ]
}

```

2.1.2.7.5 user JSON data

```
{
  "id": ObjectId("c9bdbddafeb7acffab25601b"),
  "user_name": "Lorem",
  "user_hash_pwd": "Lorem",
  "user_email": "Lorem",
  "user_role": 1,
  "is_proposer": false,
  "oauth": "Lorem",
  "tokens": {
    "type": [
      {
        "access_token": "Lorem",
        "refresh_token": "Lorem",
        "jwt": "Lorem"
      }
    ]
  },
  "is_verified": true,
  "user_create_date": ISODate("2023-04-17T07:44:11.995Z"),
  "user_update_date": ISODate("2016-04-08T15:06:21.595Z"),
  "user_cover": "/img/avatar.png",
  "user_phone": "Lorem",
  "user_intro": "Lorem",
  "user_website": "Lorem",
  "user_interests": [],
  "user_like": {
    "type": [
      {
        "likeProjects": ObjectId("ea927ba3576af3ce47ada1da")
      }
    ]
  }
}
```

2.1.2.7.6 user Target Script

```
use fondModels;

db.createCollection("user", {
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "user",
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "id": {
          "bsonType": "objectId"
        },
        "user_name": {
          "bsonType": "string"
        },
        "user_hash_pwd": {
          "bsonType": "string"
        },
        "user_email": {
          "bsonType": "string"
        },
        "user_role": {
          "bsonType": "number"
        },
        "is_proposer": {
          "bsonType": "bool"
        },
        "oauth": {
          "bsonType": "string"
        },
        "tokens": {
          "bsonType": "object",
          "properties": {
            "type": {
              "bsonType": "array",
              "additionalItems": true,
              "items": {
                "bsonType": "object",
                "properties": {
                  "access_token": {
                    "bsonType": "string"
                  },
                  "refresh_token": {
                    "bsonType": "string"
                  },
                  "jwt": {
                    "bsonType": "string"
                  }
                }
              },
              "additionalProperties": true
            }
          }
        },
        "additionalProperties": true
      }
    }
  },
  "is_verified": {
    "bsonType": "bool"
  }
})
```

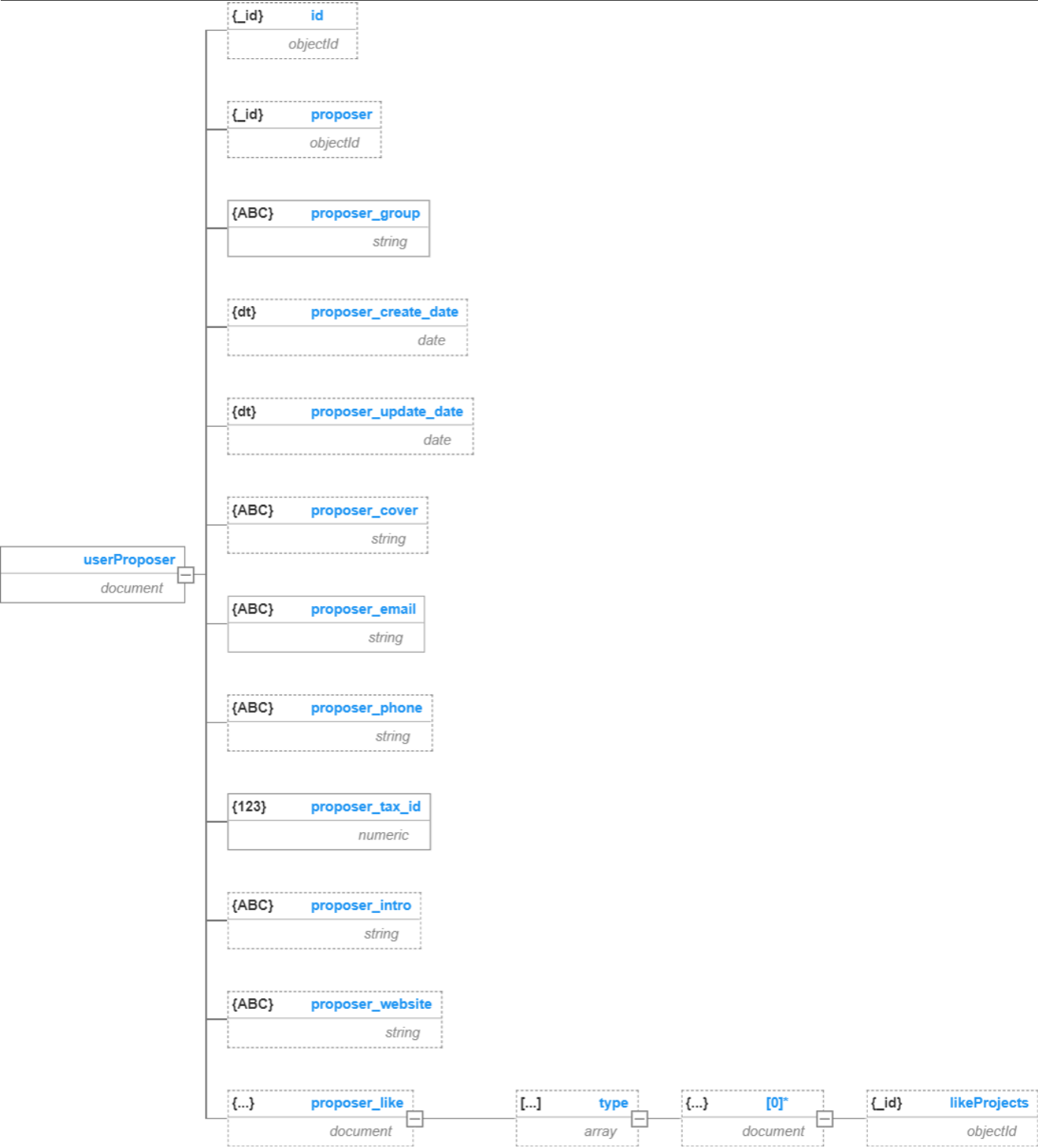
```

    },
    "user_create_date": {
      "bsonType": "date"
    },
    },
    "user_update_date": {
      "bsonType": "date"
    },
    },
    "user_cover": {
      "bsonType": "string"
    },
    },
    "user_phone": {
      "bsonType": "string"
    },
    },
    "user_intro": {
      "bsonType": "string"
    },
    },
    "user_website": {
      "bsonType": "string"
    },
    },
    "user_interests": {
      "bsonType": "array",
      "additionalItems": true
    },
    },
    "user_like": {
      "bsonType": "object",
      "properties": {
        "type": {
          "bsonType": "array",
          "additionalItems": true,
          "items": {
            "bsonType": "object",
            "properties": {
              "likeProjects": {
                "bsonType": "objectId"
              }
            }
          },
          "additionalProperties": true
        }
      }
    },
    },
    "additionalProperties": true
  }
},
"additionalProperties": true,
"required": [
  "user_name",
  "user_hash_pwd",
  "user_email"
]
}
},
"validationLevel": "off",
"validationAction": "warn"
});

```

2.1.2.8 Collection userProposer

2.1.2.8.1 userProposer Tree Diagram



2.1.2.8.2 userProposer Properties

PROPERTY	VALUE
Collection name	userProposer
Technical name	
Activated	true
Id	
\$ref	
Description	
Database	fondModels
Capped	
Time series	
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Encryption metadata	
Additional properties	true
Comments	

2.1.2.8.3 userProposer Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
id	objectId	false	dk		
proposer	objectId	false	fk		
proposer_group	string	true			
proposer_create_date	date	false			
proposer_update_date	date	false			
proposer_cover	string	false			
proposer_email	string	true			
proposer_phone	string	false			
proposer_tax_id	numeric	true			
proposer_intro	string	false			
proposer_website	string	false			
proposer_like	document	false			
type	array	false			
[0]	document	false			
likeProjects	objectId	false			

2.1.2.8.3.1 Field id

2.1.2.8.3.1.1 id Tree Diagram



2.1.2.8.3.1.2 id properties

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

2.1.2.8.3.2 Field proposer

2.1.2.8.3.2.1 proposer Tree Diagram

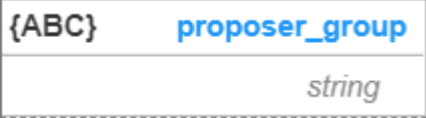


2.1.2.8.3.2.2 proposer properties

PROPERTY	VALUE
Name	proposer
Technical name	
Activated	true
Id	
Field-level encryption	
Type	objectId
Description	
Dependencies	
Required	
Primary key	
Foreign collection	user
Foreign field	id
Relationship type	Foreign Key
Relationship name	fk userProposer.proposer to user.id
Cardinality	1
Default	
Sample	
Comments	

2.1.2.8.3.3 Field proposer_group

2.1.2.8.3.3.1 proposer_group Tree Diagram

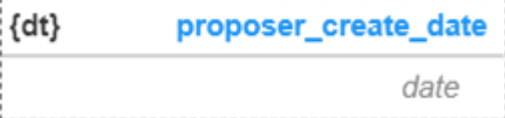


2.1.2.8.3.3.2 proposer_group properties

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

2.1.2.8.3.4 Field proposer_create_date

2.1.2.8.3.4.1 proposer_create_date Tree Diagram



2.1.2.8.3.4.2 proposer_create_date properties

PROPERTY	VALUE
Name	proposer_create_date
Technical name	
Activated	true
Id	
Field-level encryption	
Type	date
Description	
Dependencies	
Required	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	ISODate("2023-04-17T07:44:13.491Z")
Now	
Faker function	
Sample	
Comments	

2.1.2.8.3.5 Field proposer_update_date

2.1.2.8.3.5.1 proposer_update_date Tree Diagram

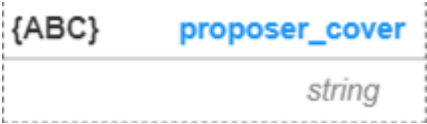


2.1.2.8.3.5.2 proposer_update_date properties

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

2.1.2.8.3.6 Field proposer_cover

2.1.2.8.3.6.1 proposer_cover Tree Diagram



2.1.2.8.3.6.2 proposer_cover properties

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

2.1.2.8.3.7 Field proposer_email

2.1.2.8.3.7.1 proposer_email Tree Diagram

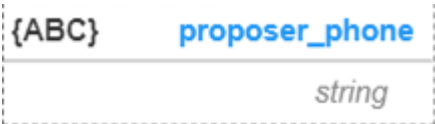
{ABC}	proposer_email
	string

2.1.2.8.3.7.2 proposer_email properties

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

2.1.2.8.3.8 Field proposer_phone

2.1.2.8.3.8.1 proposer_phone Tree Diagram



2.1.2.8.3.8.2 proposer_phone properties

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

2.1.2.8.3.9 Field proposer_tax_id

2.1.2.8.3.9.1 proposer_tax_id Tree Diagram

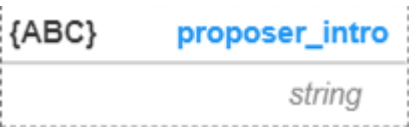
{123}	proposer_tax_id
	numeric

2.1.2.8.3.9.2 proposer_tax_id properties

PROPERTY	VALUE
Name	proposer_tax_id
Technical name	
Activated	true
Id	
Field-level encryption	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
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	
Comments	

2.1.2.8.3.10 Field proposer_intro

2.1.2.8.3.10.1 proposer_intro Tree Diagram



2.1.2.8.3.10.2 proposer_intro properties

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

2.1.2.8.3.11 Field proposer_website

2.1.2.8.3.11.1 proposer_website Tree Diagram

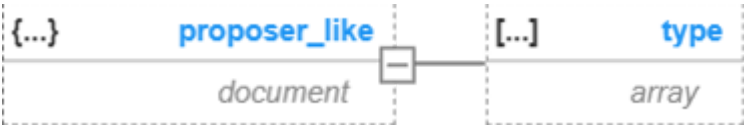


2.1.2.8.3.11.2 proposer_website properties

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

2.1.2.8.3.12 Field proposer_like

2.1.2.8.3.12.1 proposer_like Tree Diagram



2.1.2.8.3.12.2 proposer_like Hierarchy

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

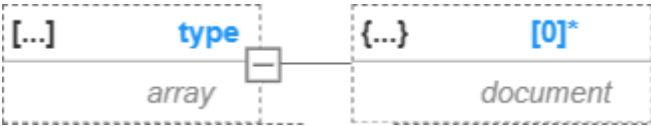
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
type	array	false			

2.1.2.8.3.12.3 proposer_like properties

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

2.1.2.8.3.13 Field type

2.1.2.8.3.13.1 type Tree Diagram



2.1.2.8.3.13.2 type Hierarchy

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

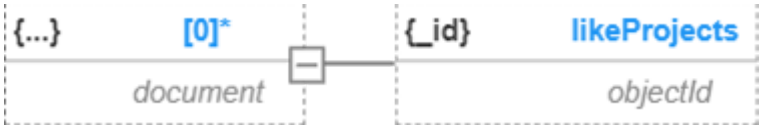
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.8.3.13.3 type properties

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

2.1.2.8.3.14 Field [0]

2.1.2.8.3.14.1 [0] Tree Diagram



2.1.2.8.3.14.2 [0] Hierarchy

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

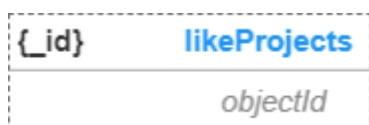
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
likeProjects	objectId	false			

2.1.2.8.3.14.3 [0] properties

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

2.1.2.8.3.15 Field likeProjects

2.1.2.8.3.15.1 likeProjects Tree Diagram



2.1.2.8.3.15.2 likeProjects properties

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

2.1.2.8.4 userProposer JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "userProposer",
  "properties": {
    "id": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "proposer": {
      "type": "string",
      "pattern": "[a-zA-F0-9]{24}$"
    },
    "proposer_group": {
      "type": "string"
    },
    "proposer_create_date": {
      "type": "string",
      "default": "ISODate(\"2023-04-17T07:44:13.491Z\")",
      "format": "date-time"
    },
    "proposer_update_date": {
      "type": "string",
      "format": "date-time"
    },
    "proposer_cover": {
      "type": "string",
      "default": "/img/avatar-proposer.png"
    },
    "proposer_email": {
      "type": "string"
    },
    "proposer_phone": {
      "type": "string"
    },
    "proposer_tax_id": {
      "type": "number"
    },
    "proposer_intro": {
      "type": "string"
    },
    "proposer_website": {
      "type": "string"
    },
    "proposer_like": {
      "type": "object",
      "properties": {
        "type": {
          "type": "array",
          "additionalItems": true,
          "items": {
            "type": "object",
            "properties": {
              "likeProjects": {
                "type": "string",
                "pattern": "[a-zA-F0-9]{24}$"
              }
            }
          },
          "additionalProperties": true
        }
      }
    }
  }
}
```

```
    }
  },
  "additionalProperties": true
}
},
"additionalProperties": true,
"required": [
  "proposer_group",
  "proposer_email",
  "proposer_tax_id"
]
}
```

2.1.2.8.5 userProposer JSON data

```
{
  "id": ObjectId("194b9aed6259eb7dbcbcf1c8"),
  "proposer": ObjectId("81084c943638bd8cd316fef6"),
  "proposer_group": "Lorem",
  "proposer_create_date": ISODate("2023-04-17T07:44:13.491Z"),
  "proposer_update_date": ISODate("2016-04-08T15:06:21.595Z"),
  "proposer_cover": "/img/avatar-proposer.png",
  "proposer_email": "Lorem",
  "proposer_phone": "Lorem",
  "proposer_tax_id": 61,
  "proposer_intro": "Lorem",
  "proposer_website": "Lorem",
  "proposer_like": {
    "type": [
      {
        "likeProjects": ObjectId("6fbfece437bedef739772bde")
      }
    ]
  }
}
```

2.1.2.8.6 userProposer Target Script


```
use fondModels;

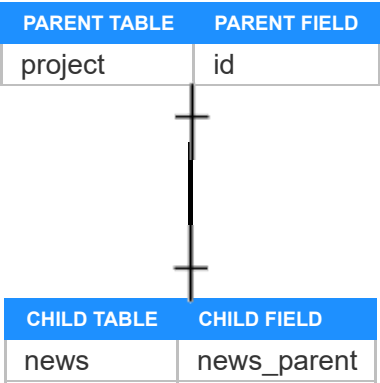
db.createCollection("userProposer", {
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "userProposer",
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "id": {
          "bsonType": "objectId"
        },
        "proposer": {
          "bsonType": "objectId"
        },
        "proposer_group": {
          "bsonType": "string"
        },
        "proposer_create_date": {
          "bsonType": "date"
        },
        "proposer_update_date": {
          "bsonType": "date"
        },
        "proposer_cover": {
          "bsonType": "string"
        },
        "proposer_email": {
          "bsonType": "string"
        },
        "proposer_phone": {
          "bsonType": "string"
        },
        "proposer_tax_id": {
          "bsonType": "number"
        },
        "proposer_intro": {
          "bsonType": "string"
        },
        "proposer_website": {
          "bsonType": "string"
        },
        "proposer_like": {
          "bsonType": "object",
          "properties": {
            "type": {
              "bsonType": "array",
              "additionalItems": true,
              "items": {
                "bsonType": "object",
                "properties": {
                  "likeProjects": {
                    "bsonType": "objectId"
                  }
                }
              },
              "additionalProperties": true
            }
          }
        }
      }
    }
  }
})
```

```
        }
      },
      "additionalProperties": true
    }
  },
  "additionalProperties": true,
  "required": [
    "proposer_group",
    "proposer_email",
    "proposer_tax_id"
  ]
}
},
"validationLevel": "off",
"validationAction": "warn"
});
```

3. RELATIONSHIPS

3.1 Relationship fk news.news_parent to project.id

3.1.1 fk news.news_parent to project.id Diagram

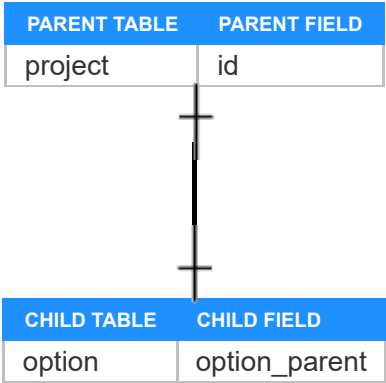


3.1.2 fk news.news_parent to project.id Properties

PROPERTY	VALUE
Name	fk news.news_parent to project.id
Description	
Parent Collection	project
Parent field	id
Parent Cardinality	1
Child Collection	news
Child field	news_parent
Child Cardinality	1
Comments	

3.2 Relationship fk option.option_parent to project.id

3.2.1 fk option.option_parent to project.id Diagram

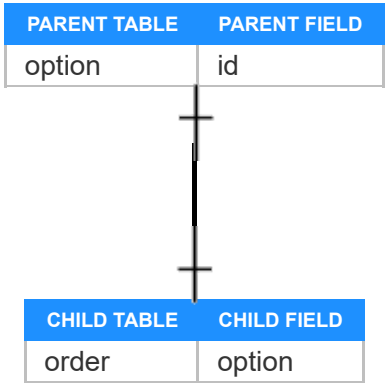


3.2.2 fk option.option_parent to project.id Properties

PROPERTY	VALUE
Name	fk option.option_parent to project.id
Description	
Parent Collection	project
Parent field	id
Parent Cardinality	1
Child Collection	option
Child field	option_parent
Child Cardinality	1
Comments	

3.3 Relationship fk order.option to option.id

3.3.1 fk order.option to option.id Diagram

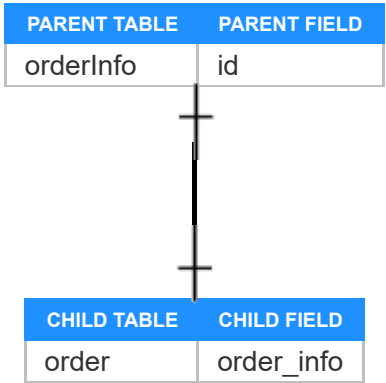


3.3.2 fk order.option to option.id Properties

PROPERTY	VALUE
Name	fk order.option to option.id
Description	
Parent Collection	option
Parent field	id
Parent Cardinality	1
Child Collection	order
Child field	option
Child Cardinality	1
Comments	

3.4 Relationship fk order.order_info to orderInfo.id

3.4.1 fk order.order_info to orderInfo.id Diagram

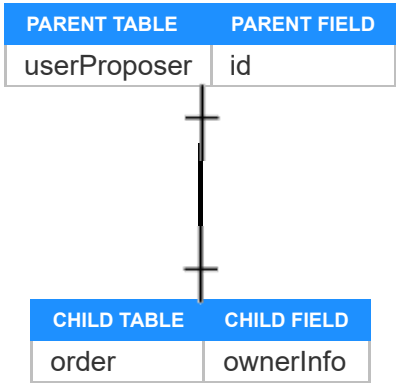


3.4.2 fk order.order_info to orderInfo.id Properties

PROPERTY	VALUE
Name	fk order.order_info to orderInfo.id
Description	
Parent Collection	orderInfo
Parent field	id
Parent Cardinality	1
Child Collection	order
Child field	order_info
Child Cardinality	1
Comments	

3.5 Relationship fk order.ownerInfo to userProposer.id

3.5.1 fk order.ownerInfo to userProposer.id Diagram

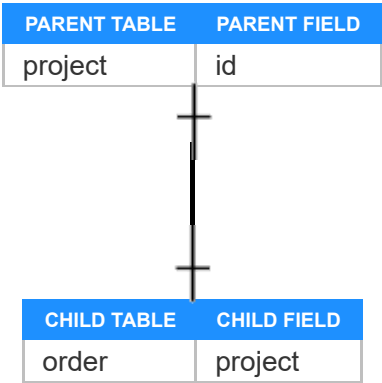


3.5.2 fk order.ownerInfo to userProposer.id Properties

PROPERTY	VALUE
Name	fk order.ownerInfo to userProposer.id
Description	
Parent Collection	userProposer
Parent field	id
Parent Cardinality	1
Child Collection	order
Child field	ownerInfo
Child Cardinality	1
Comments	

3.6 Relationship fk order.project to project.id

3.6.1 fk order.project to project.id Diagram

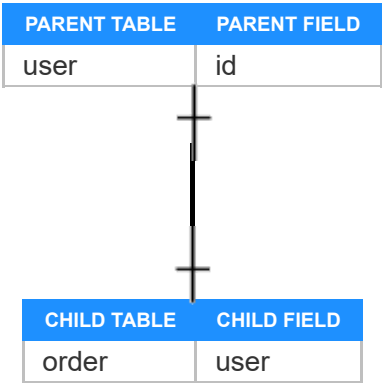


3.6.2 fk order.project to project.id Properties

PROPERTY	VALUE
Name	fk order.project to project.id
Description	
Parent Collection	project
Parent field	id
Parent Cardinality	1
Child Collection	order
Child field	project
Child Cardinality	1
Comments	

3.7 Relationship fk order.user to user.id

3.7.1 fk order.user to user.id Diagram

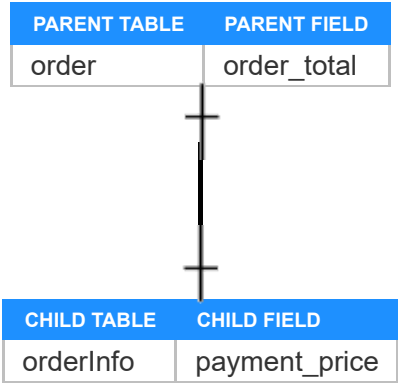


3.7.2 fk order.user to user.id Properties

PROPERTY	VALUE
Name	fk order.user to user.id
Description	
Parent Collection	user
Parent field	id
Parent Cardinality	1
Child Collection	order
Child field	user
Child Cardinality	1
Comments	

3.8 Relationship fk orderInfo.payment_price to order.order_total

3.8.1 fk orderInfo.payment_price to order.order_total Diagram

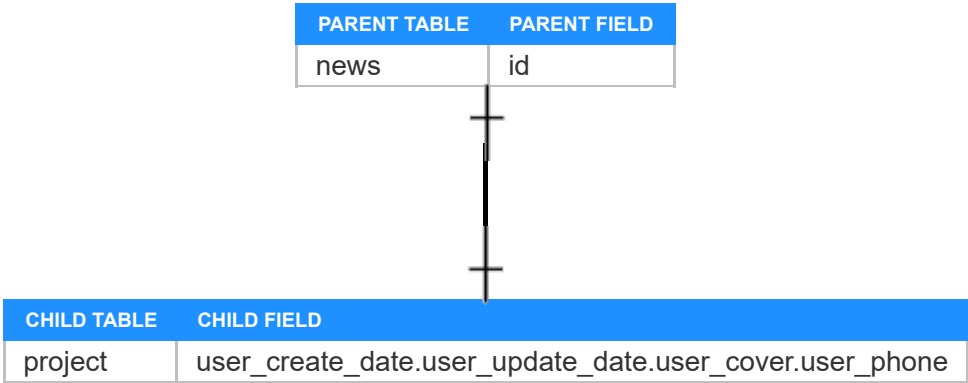


3.8.2 fk orderInfo.payment_price to order.order_total Properties

PROPERTY	VALUE
Name	fk orderInfo.payment_price to order.order_total
Description	
Parent Collection	order
Parent field	order_total
Parent Cardinality	1
Child Collection	orderInfo
Child field	payment_price
Child Cardinality	1
Comments	

3.9 Relationship fk project.news.type.[0].news to news.id

3.9.1 fk project.news.type.[0].news to news.id Diagram

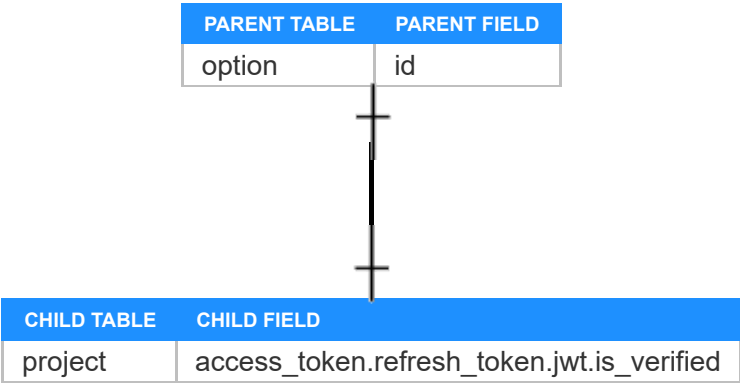


3.9.2 fk project.news.type.[0].news to news.id Properties

PROPERTY	VALUE
Name	fk project.news.type.[0].news to news.id
Description	
Parent Collection	news
Parent field	id
Parent Cardinality	1
Child Collection	project
Child field	user_phone
Child Cardinality	1
Comments	

3.10 Relationship fk project.option.type.[0].option to option.id

3.10.1 fk project.option.type.[0].option to option.id Diagram

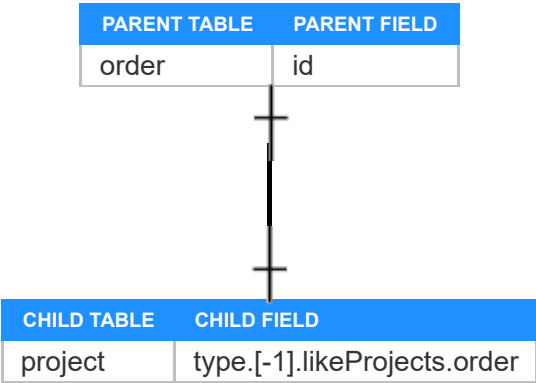


3.10.2 fk project.option.type.[0].option to option.id Properties

PROPERTY	VALUE
Name	fk project.option.type.[0].option to option.id
Description	
Parent Collection	option
Parent field	id
Parent Cardinality	1
Child Collection	project
Child field	is_verified
Child Cardinality	1
Comments	

3.11 Relationship fk project.order.type.[0].order to order.id

3.11.1 fk project.order.type.[0].order to order.id Diagram

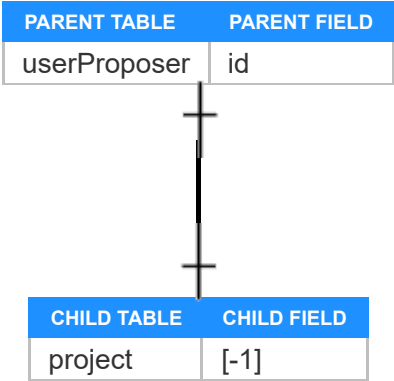


3.11.2 fk project.order.type.[0].order to order.id Properties

PROPERTY	VALUE
Name	fk project.order.type.[0].order to order.id
Description	
Parent Collection	order
Parent field	id
Parent Cardinality	1
Child Collection	project
Child field	order
Child Cardinality	1
Comments	

3.12 Relationship fk project.ownerInfo to userProposer.id

3.12.1 fk project.ownerInfo to userProposer.id Diagram

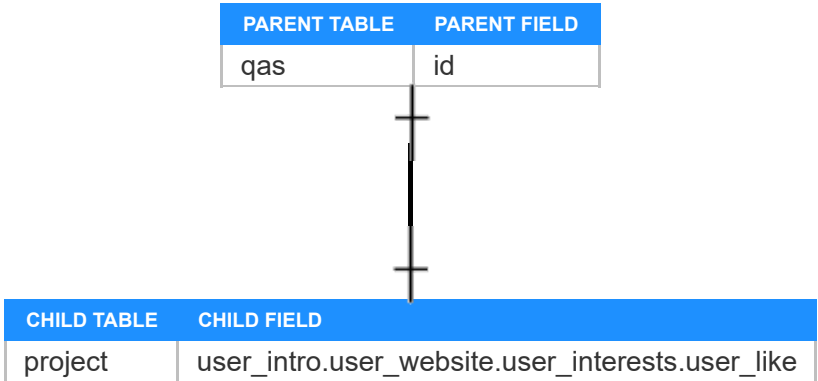


3.12.2 fk project.ownerInfo to userProposer.id Properties

PROPERTY	VALUE
Name	fk project.ownerInfo to userProposer.id
Description	
Parent Collection	userProposer
Parent field	id
Parent Cardinality	1
Child Collection	project
Child field	
Child Cardinality	1
Comments	

3.13 Relationship fk project.qas.type.[0].qas to qas.id

3.13.1 fk project.qas.type.[0].qas to qas.id Diagram

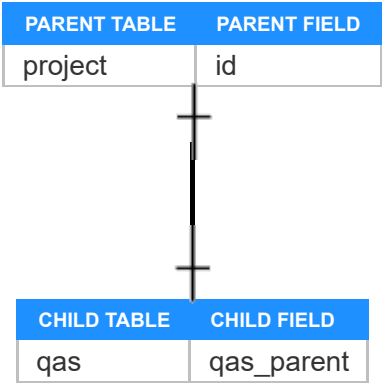


3.13.2 fk project.qas.type.[0].qas to qas.id Properties

PROPERTY	VALUE
Name	fk project.qas.type.[0].qas to qas.id
Description	
Parent Collection	qas
Parent field	id
Parent Cardinality	1
Child Collection	project
Child field	user_like
Child Cardinality	1
Comments	

3.14 Relationship fk qas.qas_parent to project.id

3.14.1 fk qas.qas_parent to project.id Diagram

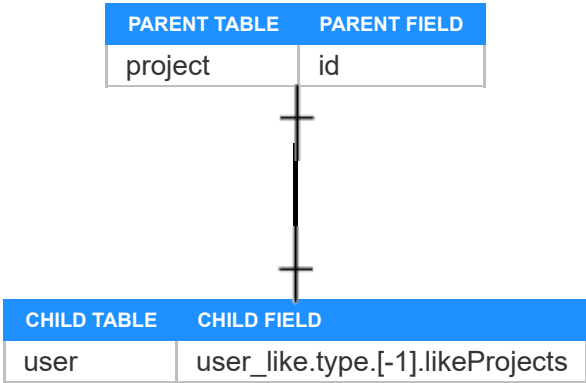


3.14.2 fk qas.qas_parent to project.id Properties

PROPERTY	VALUE
Name	fk qas.qas_parent to project.id
Description	
Parent Collection	project
Parent field	id
Parent Cardinality	1
Child Collection	qas
Child field	qas_parent
Child Cardinality	1
Comments	

3.15 Relationship fk user.user_like.type.[0].likeProjects to project.id

3.15.1 fk user.user_like.type.[0].likeProjects to project.id Diagram

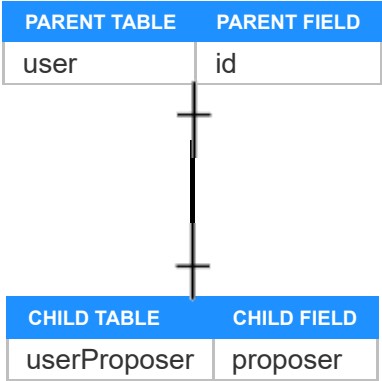


3.15.2 fk user.user_like.type.[0].likeProjects to project.id Properties

PROPERTY	VALUE
Name	fk user.user_like.type.[0].likeProjects to project.id
Description	
Parent Collection	project
Parent field	id
Parent Cardinality	1
Child Collection	user
Child field	likeProjects
Child Cardinality	1
Comments	

3.16 Relationship fk userProposer.proposer to user.id

3.16.1 fk userProposer.proposer to user.id Diagram



3.16.2 fk userProposer.proposer to user.id Properties

PROPERTY	VALUE
Name	fk userProposer.proposer to user.id
Description	
Parent Collection	user
Parent field	id
Parent Cardinality	1
Child Collection	userProposer
Child field	proposer
Child Cardinality	1
Comments	