



MongoDB Physical Model

Schema for:

Model name: Donut
Author: codeuino
Version: 1.0.0
File name: donut.json
File path: /Users/deveshverma/Desktop/donut.json
Printed On: Sun Mar 01 2020 08:16:03 GMT+0530 (India Standard Time)
Created with: [Hackolade](#) - Visual data modeling for NoSQL and multimodel databases

1. Model

2. Databases

2.1 donut

2.1.2. Collections

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- 2.1.2.5 posts
- 2.1.2.6 users

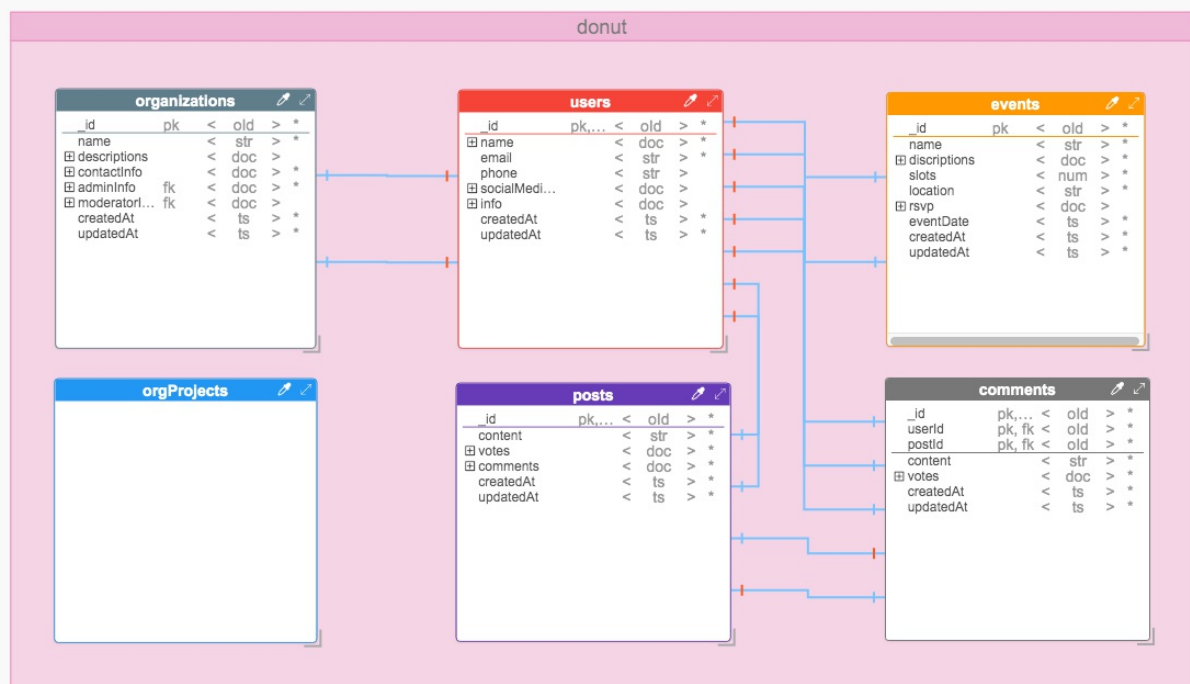
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1. MODEL

1.1 Model Donut

1.1.1 Donut Entity Relationship Diagram



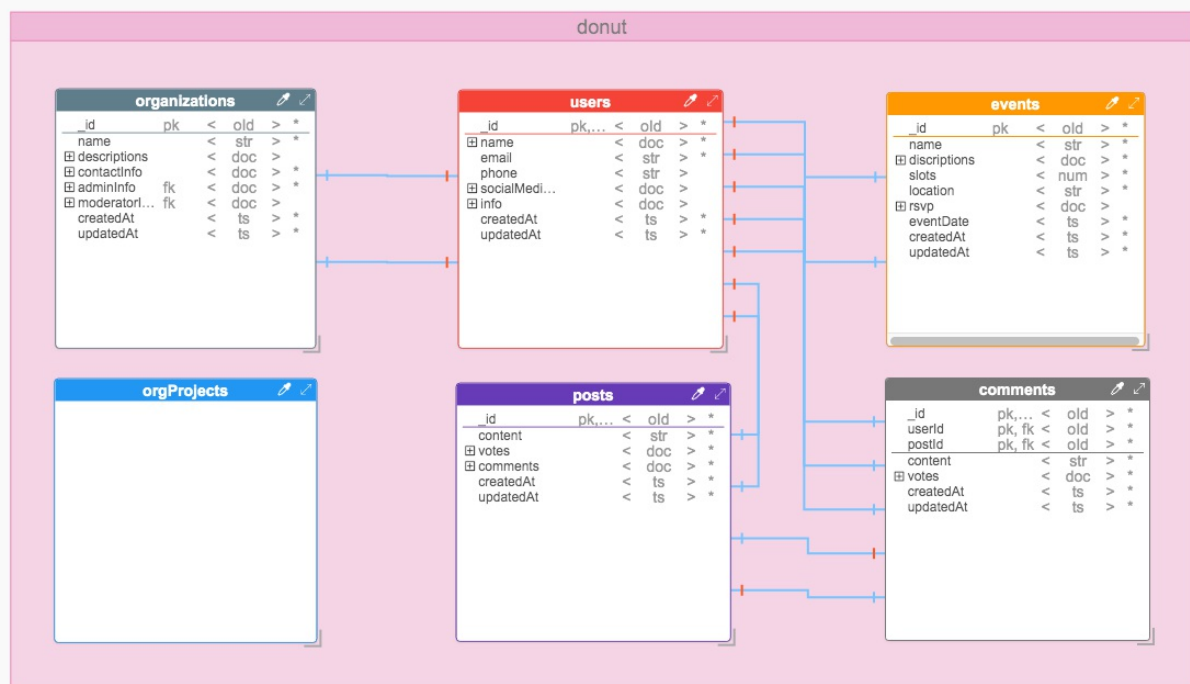
1.1.2 Donut Properties

PROPERTY	VALUE
Model name	Donut
Technical name	Donut
Description	
Author	codeuino
Version	1.0.0
DB vendor	MongoDB
DB version	v4.2
Comments	

1.1.3 Donut DB Definitions

2. DATABASES

2.1 Database donut



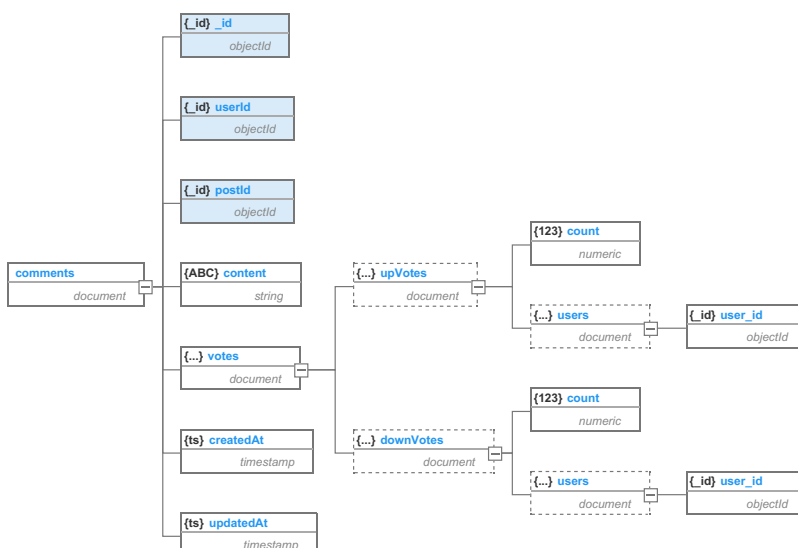
2.1.1 donut Properties

PROPERTY	VALUE
Database name	donut
Technical name	
Enable sharding	
Description	
Comments	

2.1.2 donut Collections

2.1.2.1 Collection comments

2.1.2.1.1 comments Tree Diagram



2.1.2.1.2 comments Properties

PROPERTY	VALUE
Collection name	comments
Technical name	comments
Id	
Description	
Database	donut
Capped	false
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Additional properties	false
Comments	

2.1.2.1.3 comments Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
_id	objectId	true			
userId	objectId	true			
postId	objectId	true			
content	string	true			
votes	document	true			
upVotes	document	false			
count	numeric	true			
users	document	false			
user_id	objectId	true			
downVotes	document	false			
count	numeric	true			
users	document	false			
user_id	objectId	true			
createdAt	timestamp	true			
updatedAt	timestamp	true			

2.1.2.1.3.1 Field _id

2.1.2.1.3.1.1 _id Tree Diagram

{_id} _id
document

2.1.2.1.3.1.2 _id properties

PROPERTY	VALUE
Name	_id
Technical name	
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.1.3.2 Field userId**2.1.2.1.3.2.1 userId Tree Diagram**

{_id} userId
<i>document</i>

2.1.2.1.3.2.2 userId properties

PROPERTY	VALUE
Name	userId
Technical name	userId
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.1.3.3 Field postId

2.1.2.1.3.3.1 postId Tree Diagram

{_id} postId
<i>document</i>

2.1.2.1.3.3.2 postId properties

PROPERTY	VALUE
Name	postId
Technical name	postId
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	posts
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.1.3.4 Field content

2.1.2.1.3.4.1 content Tree Diagram

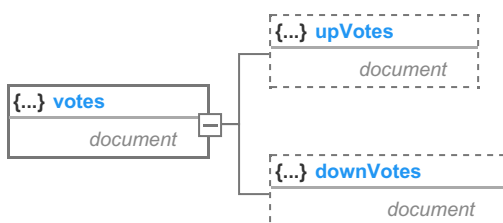
{ABC} content
<i>document</i>

2.1.2.1.3.4.2 content properties

PROPERTY	VALUE
Name	content
Technical name	content
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.1.3.5 Field votes

2.1.2.1.3.5.1 votes Tree Diagram



2.1.2.1.3.5.2 votes Hierarchy

Parent field: **comments**

Child field(s):

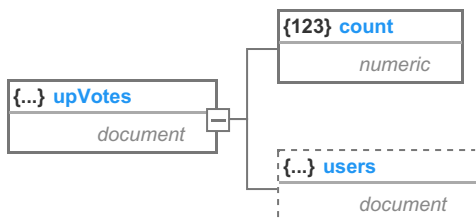
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
upVotes	document	false			
downVotes	document	false			

2.1.2.1.3.5.3 votes properties

PROPERTY	VALUE
Name	votes
Technical name	votes
Id	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.1.3.6 Field upVotes

2.1.2.1.3.6.1 upVotes Tree Diagram



2.1.2.1.3.6.2 upVotes Hierarchy

Parent field: **votes**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
count	numeric	true			
users	document	false			

2.1.2.1.3.6.3 upVotes properties

PROPERTY	VALUE
Name	upVotes
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.1.3.7 Field count**2.1.2.1.3.7.1 count Tree Diagram**

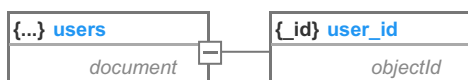
{123} count
<i>document</i>

2.1.2.1.3.7.2 count properties

PROPERTY	VALUE
Name	count
Technical name	upvotes
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Unit	
Min value	
Excl min	false
Max value	
Excl max	false
Multiple of	
Divisible by	
Enum	
Sample	
Comments	

2.1.2.1.3.8 Field users

2.1.2.1.3.8.1 users Tree Diagram



2.1.2.1.3.8.2 users Hierarchy

Parent field: **upVotes**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
user_id	objectId	true	fk		

2.1.2.1.3.8.3 users properties

PROPERTY	VALUE
Name	users
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.1.3.9 Field user_id**2.1.2.1.3.9.1 user_id Tree Diagram**

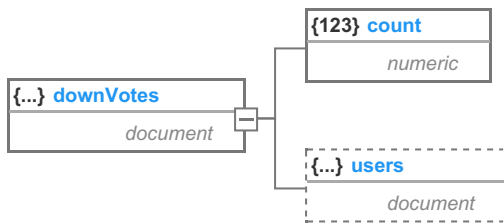
{_id} user_id
<i>document</i>

2.1.2.1.3.9.2 user_id properties

PROPERTY	VALUE
Name	user_id
Technical name	
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.1.3.10 Field downVotes

2.1.2.1.3.10.1 downVotes Tree Diagram



2.1.2.1.3.10.2 downVotes Hierarchy

Parent field: **votes**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
count	numeric	true			
users	document	false			

2.1.2.1.3.10.3 downVotes properties

PROPERTY	VALUE
Name	downVotes
Technical name	downVotes
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.1.3.11 Field count

2.1.2.1.3.11.1 count Tree Diagram

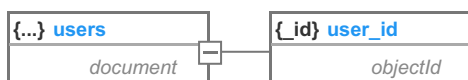


2.1.2.1.3.11.2 count properties

PROPERTY	VALUE
Name	count
Technical name	upvotes
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Unit	
Min value	
Excl min	false
Max value	
Excl max	false
Multiple of	
Divisible by	
Enum	
Sample	
Comments	

2.1.2.1.3.12 Field users

2.1.2.1.3.12.1 users Tree Diagram



2.1.2.1.3.12.2 users Hierarchy

Parent field: **downVotes**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
user_id	objectId	true	fk		

2.1.2.1.3.12.3 users properties

PROPERTY	VALUE
Name	users
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.1.3.13 Field user_id**2.1.2.1.3.13.1 user_id Tree Diagram**

{_id} user_id
<i>document</i>

2.1.2.1.3.13.2 user_id properties

PROPERTY	VALUE
Name	user_id
Technical name	
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.1.3.14 Field createdAt

2.1.2.1.3.14.1 createdAt Tree Diagram

{ts} createdAt
document

2.1.2.1.3.14.2 createdAt properties

PROPERTY	VALUE
Name	createdAt
Technical name	createdAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.1.3.15 Field updatedAt**2.1.2.1.3.15.1 updatedAt Tree Diagram**

{ts} updatedAt
document

2.1.2.1.3.15.2 updatedAt properties

PROPERTY	VALUE
Name	updatedAt
Technical name	updatedAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.1.4 comments JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "comments",
  "additionalProperties": false,
  "properties": {
    "_id": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "userId": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "postId": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "content": {
      "type": "string"
    },
    "votes": {
      "type": "object",
      "properties": {
        "upVotes": {
          "type": "object",
          "properties": {
            "upvotes": {
              "type": "number"
            }
          },
          "users": {
            "type": "object",

```



```

        "properties": {
          "user_id": {
            "type": "string",
            "pattern": "^[a-zA-F0-9]{24}$"
          }
        },
        "additionalProperties": false,
        "required": [
          "user_id"
        ]
      },
      "additionalProperties": false,
      "required": [
        "upvotes"
      ]
    },
    "downVotes": {
      "type": "object",
      "properties": {
        "upvotes": {
          "type": "number"
        },
        "users": {
          "type": "object",
          "properties": {
            "user_id": {
              "type": "string",
              "pattern": "^[a-zA-F0-9]{24}$"
            }
          },
          "additionalProperties": false,
          "required": [
            "user_id"
          ]
        }
      },
      "additionalProperties": false,
      "required": [
        "upvotes"
      ]
    }
  },
  "additionalProperties": false,
  "createdAt": {
    "type": "string",
    "format": "date-time"
  },
  "updatedAt": {
    "type": "string",
    "format": "date-time"
  },
  "required": [
    "_id",
    "userId",
    "postId",
    "content",

```

```
"votes",
"createdAt",
"updatedAt"
]
```

2.1.2.1.5 comments JSON data

```
{
  "_id": ObjectId("507f1f77bcf86cd799439011"),
  "userId": ObjectId("507f1f77bcf86cd799439011"),
  "postId": ObjectId("507f1f77bcf86cd799439011"),
  "content": "Lorem",
  "votes": {
    "upVotes": {
      "upvotes": 3,
      "users": {
        "user_id": ObjectId("507f1f77bcf86cd799439011")
      }
    },
    "downVotes": {
      "upvotes": 48,
      "users": {
        "user_id": ObjectId("507f1f77bcf86cd799439011")
      }
    }
  },
  "createdAt": Timestamp(1460127718,1),
  "updatedAt": Timestamp(1460127718,1)
}
```

2.1.2.1.6 comments Target Script

```
use donut;

db.createCollection( "comments",{
  "storageEngine": {
    "wiredTiger": {}
  },
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "comments",
      "additionalProperties": false,
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },

```

```
"userId": {
  "bsonType": "objectId"
},
"postId": {
  "bsonType": "objectId"
},
"content": {
  "bsonType": "string"
},
"votes": {
  "bsonType": "object",
  "properties": {
    "upVotes": {
      "bsonType": "object",
      "properties": {
        "upvotes": {
          "bsonType": "number"
        },
        "users": {
          "bsonType": "object",
          "properties": {
            "user_id": {
              "bsonType": "objectId"
            }
          }
        },
        "additionalProperties": false,
        "required": [
          "user_id"
        ]
      }
    },
    "additionalProperties": false,
    "required": [
      "upvotes"
    ]
  },
  "downVotes": {
    "bsonType": "object",
    "properties": {
      "upvotes": {
        "bsonType": "number"
      },
      "users": {
        "bsonType": "object",
        "properties": {
          "user_id": {
            "bsonType": "objectId"
          }
        },
        "additionalProperties": false,
        "required": [
          "user_id"
        ]
      }
    },
    "additionalProperties": false,
    "required": [
      "upvotes"
    ]
  }
}
```

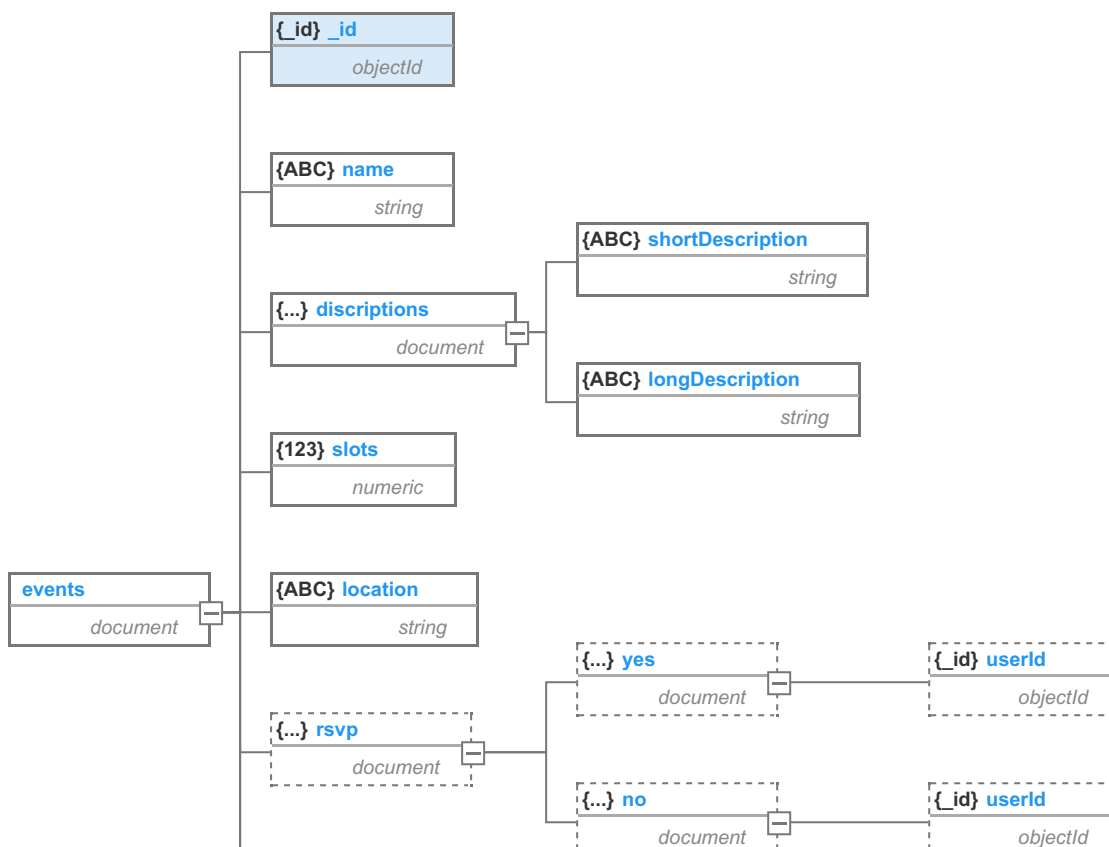
```

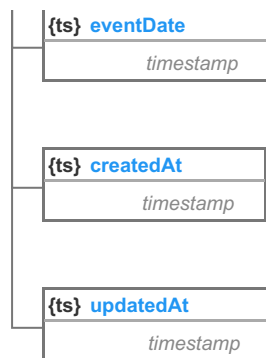
    }
  },
  "additionalProperties": false
},
"createdAt": {
  "bsonType": "timestamp"
},
"updatedAt": {
  "bsonType": "timestamp"
}
},
"required": [
  "_id",
  "userId",
  "postId",
  "content",
  "votes",
  "createdAt",
  "updatedAt"
]
}
},
"validationLevel": "off",
"validationAction": "warn"
});

```

2.1.2.2 Collection events

2.1.2.2.1 events Tree Diagram





2.1.2.2.2 events Properties

PROPERTY	VALUE
Collection name	events
Technical name	events
Id	
Description	
Database	donut
Capped	false
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Additional properties	false
Comments	

2.1.2.2.3 events Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
_id	objectId	true			
name	string	true			
discriptions	document	true			
shortDescription	string	true			
longDescription	string	true			
slots	numeric	true			
location	string	true			
rsvp	document	false			
yes	document	false			
userId	objectId	false			
no	document	false			
userId	objectId	false			
eventDate	timestamp	true			
createdAt	timestamp	true			
updatedAt	timestamp	true			

2.1.2.2.3.1 Field _id**2.1.2.2.3.1.1 _id Tree Diagram**

{_id} _id
document

2.1.2.2.3.1.2 _id properties

PROPERTY	VALUE
Name	_id
Technical name	
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.2.3.2 Field name**2.1.2.2.3.2.1 name Tree Diagram**

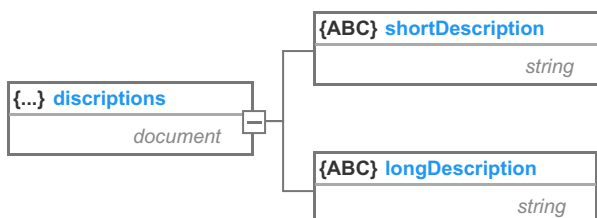
{ABC} name
document

2.1.2.2.3.2.2 name properties

PROPERTY	VALUE
Name	name
Technical name	name
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.2.3.3 Field discriptions

2.1.2.2.3.3.1 discriptions Tree Diagram



2.1.2.2.3.3.2 discriptions Hierarchy

Parent field: **events**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
shortDescription	string	true			
longDescription	string	true			

2.1.2.2.3.3.3 discriptions properties

PROPERTY	VALUE
Name	discriptions
Technical name	discriptions
Id	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.2.3.4 Field shortDescription**2.1.2.2.3.4.1 shortDescription Tree Diagram**

{ABC} shortDescription
document

2.1.2.2.3.4.2 shortDescription properties

PROPERTY	VALUE
Name	shortDescription
Technical name	shortDescription
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.2.3.5 Field longDescription**2.1.2.2.3.5.1 longDescription Tree Diagram**

{ABC} longDescription
<i>document</i>

2.1.2.2.3.5.2 longDescription properties

PROPERTY	VALUE
Name	longDescription
Technical name	longDescription
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.2.3.6 Field slots**2.1.2.2.3.6.1 slots Tree Diagram**

{123} slots
document

2.1.2.2.3.6.2 slots properties

PROPERTY	VALUE
Name	slots
Technical name	slots
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Unit	
Min value	0
Excl min	false
Max value	
Excl max	false
Multiple of	
Divisible by	
Enum	
Sample	
Comments	

2.1.2.2.3.7 Field location

2.1.2.2.3.7.1 location Tree Diagram

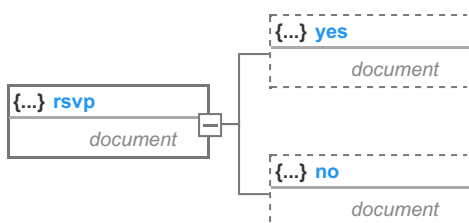
{ABC} location
document

2.1.2.2.3.7.2 location properties

PROPERTY	VALUE
Name	location
Technical name	location
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.2.3.8 Field rsvp

2.1.2.2.3.8.1 rsvp Tree Diagram



2.1.2.2.3.8.2 rsvp Hierarchy

Parent field: **events**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
yes	document	false			
no	document	false			

2.1.2.2.3.8.3 rsvp properties

PROPERTY	VALUE
Name	rsvp
Technical name	rsvp
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.2.3.9 Field yes

2.1.2.2.3.9.1 yes Tree Diagram



2.1.2.2.3.9.2 yes Hierarchy

Parent field: **rsvp**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
userId	objectId	false	fk		

2.1.2.2.3.9.3 yes properties

PROPERTY	VALUE
Name	yes
Technical name	yes
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.2.3.10 Field userId**2.1.2.2.3.10.1 userId Tree Diagram**

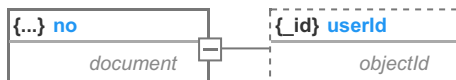
{_id} userId
<i>document</i>

2.1.2.2.3.10.2 userId properties

PROPERTY	VALUE
Name	userId
Technical name	userId
Id	
Type	objectId
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.2.3.11 Field no

2.1.2.2.3.11.1 no Tree Diagram



2.1.2.2.3.11.2 no Hierarchy

Parent field: **rsvp**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
userId	objectId	false	fk		

2.1.2.2.3.11.3 no properties

PROPERTY	VALUE
Name	no
Technical name	no
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.2.3.12 Field userId

2.1.2.2.3.12.1 userId Tree Diagram



2.1.2.2.3.12.2 userId properties

PROPERTY	VALUE
Name	userId
Technical name	userId
Id	
Type	objectId
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.2.3.13 Field eventDate**2.1.2.2.3.13.1 eventDate Tree Diagram**

{ts} eventDate
<i>document</i>

2.1.2.2.3.13.2 eventDate properties

PROPERTY	VALUE
Name	eventDate
Technical name	eventDate
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.2.3.14 Field createdAt

2.1.2.2.3.14.1 createdAt Tree Diagram

{ts} createdAt
document

2.1.2.2.3.14.2 createdAt properties

PROPERTY	VALUE
Name	createdAt
Technical name	createdAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.2.3.15 Field updatedAt

2.1.2.2.3.15.1 updatedAt Tree Diagram

{ts} updatedAt
document

2.1.2.2.3.15.2 updatedAt properties

PROPERTY	VALUE
Name	updatedAt
Technical name	updatedAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.2.4 events JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "events",
  "additionalProperties": false,
  "properties": {
    "_id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "name": {
      "type": "string"
    },
    "discriptions": {
      "type": "object",
      "properties": {
        "shortDescription": {
          "type": "string"
        },
        "longDescription": {
          "type": "string"
        }
      }
    },
    "additionalProperties": false,
    "required": [
      "shortDescription",
      "longDescription"
    ]
  },
  "slots": {
    "type": "number",
    "minimum": 0
  }
}
```

```

    },
    "location": {
      "type": "string"
    },
    "rsvp": {
      "type": "object",
      "properties": {
        "yes": {
          "type": "object",
          "properties": {
            "userId": {
              "type": "string",
              "pattern": "^[a-zA-F0-9]{24}$"
            }
          }
        },
        "additionalProperties": false
      },
      "no": {
        "type": "object",
        "properties": {
          "userId": {
            "type": "string",
            "pattern": "^[a-zA-F0-9]{24}$"
          }
        },
        "additionalProperties": false
      }
    },
    "additionalProperties": false
  },
  "eventDate": {
    "type": "string",
    "format": "date-time"
  },
  "createdAt": {
    "type": "string",
    "format": "date-time"
  },
  "updatedAt": {
    "type": "string",
    "format": "date-time"
  }
},
"required": [
  "_id",
  "name",
  "discriptions",
  "slots",
  "location",
  "eventDate",
  "createdAt",
  "updatedAt"
]
}

```

2.1.2.2.5 events JSON data

```
{
  "_id": ObjectId("507f1f77bcf86cd799439011"),
  "name": "Lorem",
  "discriptions": {
    "shortDescription": "Lorem",
    "longDescription": "Lorem"
  },
  "slots": 69,
  "location": "Lorem",
  "rsvp": {
    "yes": {
      "userId": ObjectId("507f1f77bcf86cd799439011")
    },
    "no": {
      "userId": ObjectId("507f1f77bcf86cd799439011")
    }
  },
  "eventDate": Timestamp(1460127718,1),
  "createdAt": Timestamp(1460127718,1),
  "updatedAt": Timestamp(1460127718,1)
}
```

2.1.2.2.6 events Target Script

```
use donut;

db.createCollection( "events",{
  "storageEngine": {
    "wiredTiger": {}
  },
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "events",
      "additionalProperties": false,
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "name": {
          "bsonType": "string"
        },
        "discriptions": {
          "bsonType": "object",
          "properties": {
            "shortDescription": {
              "bsonType": "string"
            },
            "longDescription": {
              "bsonType": "string"
            }
          }
        }
      }
    }
  },
}
```

```

        "additionalProperties": false,
        "required": [
            "shortDescription",
            "longDescription"
        ]
    },
    "slots": {
        "bsonType": "number",
        "minimum": 0
    },
    "location": {
        "bsonType": "string"
    },
    "rsvp": {
        "bsonType": "object",
        "properties": {
            "yes": {
                "bsonType": "object",
                "properties": {
                    "userId": {
                        "bsonType": "objectId"
                    }
                }
            },
            "additionalProperties": false
        }
    },
    "no": {
        "bsonType": "object",
        "properties": {
            "userId": {
                "bsonType": "objectId"
            }
        }
    },
    "additionalProperties": false
}
},
"additionalProperties": false
},
"eventDate": {
    "bsonType": "timestamp"
},
"createdAt": {
    "bsonType": "timestamp"
},
"updatedAt": {
    "bsonType": "timestamp"
}
},
"required": [
    "_id",
    "name",
    "discriptions",
    "slots",
    "location",
    "eventDate",
    "createdAt",
    "updatedAt"
]
}
},

```

```
"validationLevel": "off",
"validationAction": "warn"
});
```

2.1.2.3 Collection orgProjects

2.1.2.3.1 orgProjects Tree Diagram

orgProjects
document

2.1.2.3.2 orgProjects Properties

PROPERTY	VALUE
Collection name	orgProjects
Technical name	orgProjects
Id	
Description	
Database	donut
Capped	false
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Additional properties	false
Comments	

2.1.2.3.3 orgProjects Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
-------	------	-----	-----	-------------	----------

2.1.2.3.4 orgProjects JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "orgProjects",
  "additionalProperties": false
}
```

2.1.2.3.5 orgProjects JSON data

```
{}
```

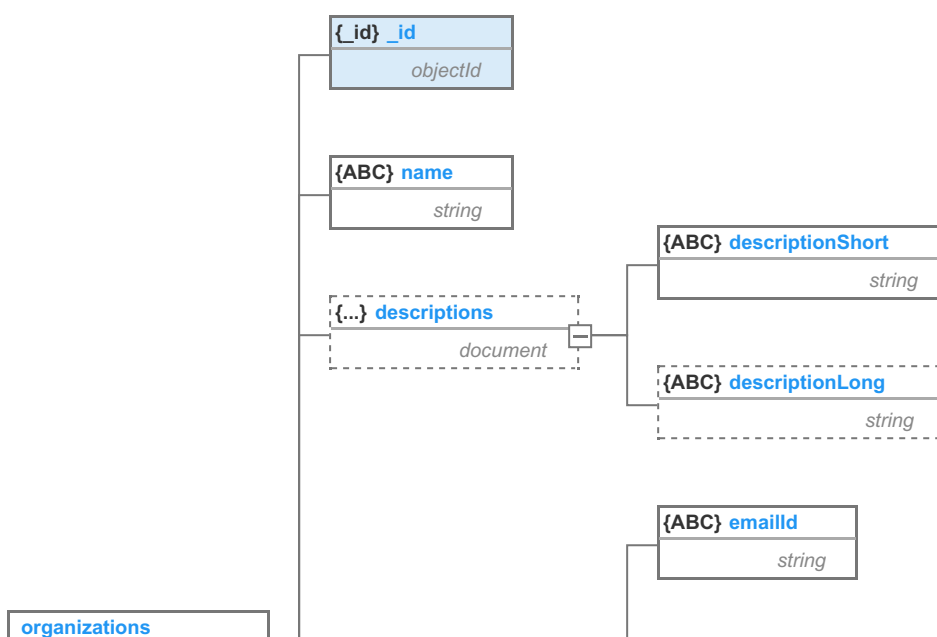
2.1.2.3.6 orgProjects Target Script

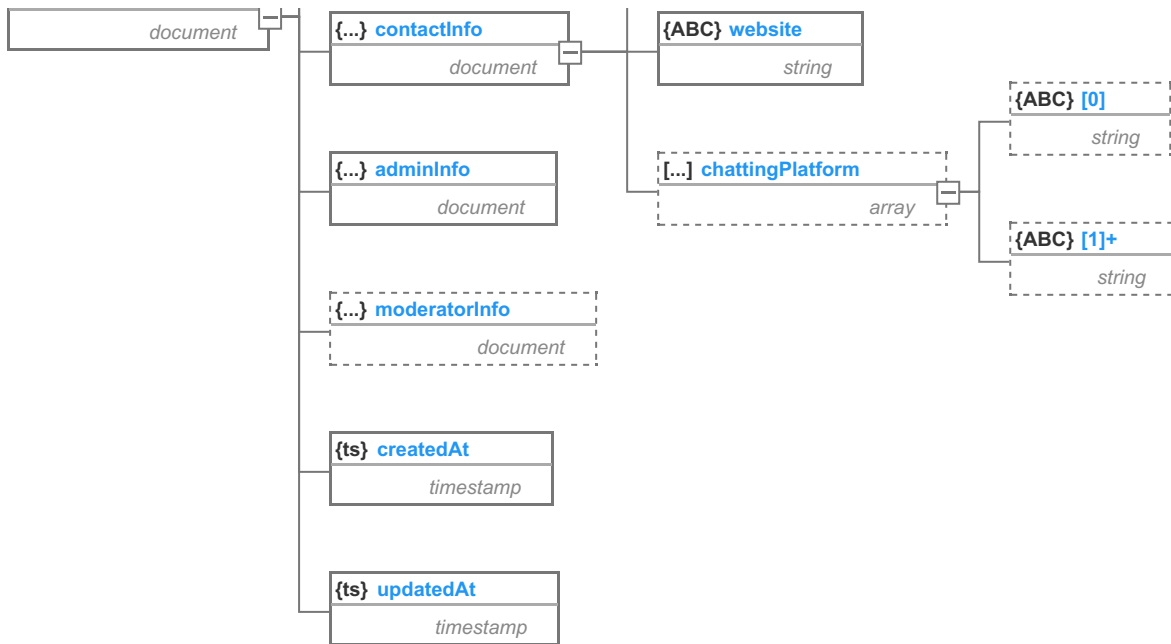
```
use donut;

db.createCollection( "orgProjects",{
  "storageEngine": {
    "wiredTiger": {}
  },
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "orgProjects",
      "additionalProperties": false,
      "properties": {
        "_id": {
          "bsonType": "objectId"
        }
      }
    }
  },
  "validationLevel": "off",
  "validationAction": "warn"
});
```

2.1.2.4 Collection organizations

2.1.2.4.1 organizations Tree Diagram





2.1.2.4.2 organizations Properties

PROPERTY	VALUE
Collection name	organizations
Technical name	organizations
Id	
Description	
Database	donut
Capped	false
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Additional properties	false
Comments	

2.1.2.4.3 organizations Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
_id	objectId	true			
name	string	true			
descriptions	document	false			
descriptionShort	string	true			
descriptionLong	string	false			
contactInfo	document	true			
emailId	string	true			
website	string	true			
chattingPlatform	array	false			
[0]	string	false			
[1]	string	false			
adminInfo	document	true			
moderatorInfo	document	false			
createdAt	timestamp	true			
updatedAt	timestamp	true			

2.1.2.4.3.1 Field _id

2.1.2.4.3.1.1 _id Tree Diagram

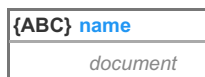
{_id} _id
document

2.1.2.4.3.1.2 _id properties

PROPERTY	VALUE
Name	_id
Technical name	_id
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	users
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.4.3.2 Field name

2.1.2.4.3.2.1 name Tree Diagram

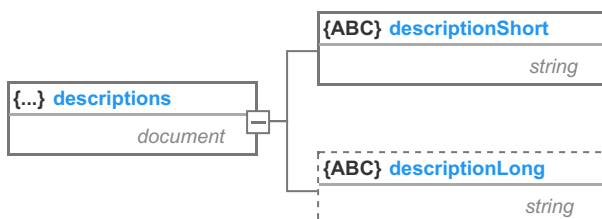


2.1.2.4.3.2.2 name properties

PROPERTY	VALUE
Name	name
Technical name	name
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.4.3.3 Field descriptions

2.1.2.4.3.3.1 descriptions Tree Diagram



2.1.2.4.3.3.2 descriptions Hierarchy

Parent field: **organizations**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
descriptionShort	string	true			
descriptionLong	string	false			

2.1.2.4.3.3.3 descriptions properties

PROPERTY	VALUE
Name	descriptions
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.4.3.4 Field descriptionShort**2.1.2.4.3.4.1 descriptionShort Tree Diagram**

{ABC} descriptionShort
<i>document</i>

2.1.2.4.3.4.2 descriptionShort properties

PROPERTY	VALUE
Name	descriptionShort
Technical name	description
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	sample description
Comments	

2.1.2.4.3.5 Field descriptionLong**2.1.2.4.3.5.1 descriptionLong Tree Diagram**

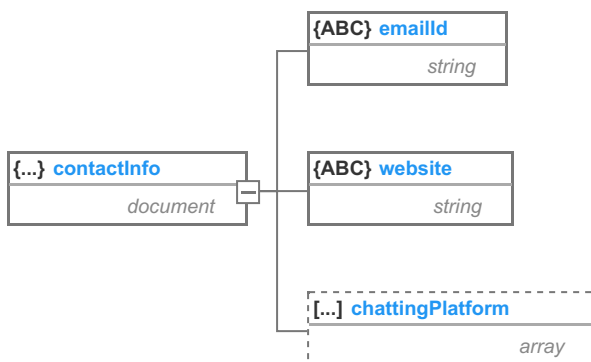
{ABC} descriptionLong
<i>document</i>

2.1.2.4.3.5.2 descriptionLong properties

PROPERTY	VALUE
Name	descriptionLong
Technical name	description(1)
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	sample description
Comments	

2.1.2.4.3.6 Field contactInfo

2.1.2.4.3.6.1 contactInfo Tree Diagram



2.1.2.4.3.6.2 contactInfo Hierarchy

Parent field: **organizations**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
emailId	string	true			
website	string	true			
chattingPlatform	array	false			

2.1.2.4.3.6.3 contactInfo properties

PROPERTY	VALUE
Name	contactInfo
Technical name	contactInfo
Id	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.4.3.7 Field emailId**2.1.2.4.3.7.1 emailId Tree Diagram**

{ABC} emailId
document

2.1.2.4.3.7.2 emailId properties

PROPERTY	VALUE
Name	emailId
Technical name	emailId
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	email
Enum	
Sample	orgemail@org.com
Comments	

2.1.2.4.3.8 Field website**2.1.2.4.3.8.1 website Tree Diagram**

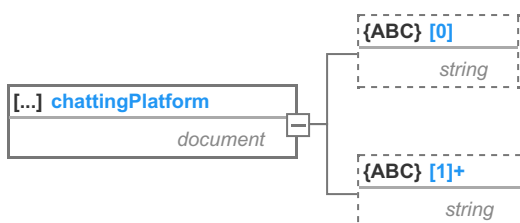
{ABC} website
document

2.1.2.4.3.8.2 website properties

PROPERTY	VALUE
Name	website
Technical name	website
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.4.3.9 Field chattingPlatform

2.1.2.4.3.9.1 chattingPlatform Tree Diagram



2.1.2.4.3.9.2 chattingPlatform Hierarchy

Parent field: **contactInfo**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			
[1]	string	false			

2.1.2.4.3.9.3 chattingPlatform properties

PROPERTY	VALUE
Name	chattingPlatform
Technical name	chattingPlatform
Id	
Type	array
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Min items	
Max items	
Unique items	true
Additional items	true
Comments	

2.1.2.4.3.10 Field [0]

2.1.2.4.3.10.1 [0] Tree Diagram

{ABC} [0]
<i>document</i>

2.1.2.4.3.10.2 [0] properties

PROPERTY	VALUE
Id	slackURL
Type	string
Description	
Dependencies	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.4.3.11 Field [1]**2.1.2.4.3.11.1 [1] Tree Diagram**

{ABC} [1]
<i>document</i>

2.1.2.4.3.11.2 [1] properties

PROPERTY	VALUE
Id	slackURL
Type	string
Description	
Dependencies	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.4.3.12 Field adminInfo**2.1.2.4.3.12.1 adminInfo Tree Diagram**

{...} adminInfo
<i>document</i>

2.1.2.4.3.12.2 adminInfo properties

PROPERTY	VALUE
Name	adminInfo
Technical name	adminInfo
Id	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.4.3.13 Field moderatorInfo**2.1.2.4.3.13.1 moderatorInfo Tree Diagram**

{...} moderatorInfo
<i>document</i>

2.1.2.4.3.13.2 moderatorInfo properties

PROPERTY	VALUE
Name	moderatorInfo
Technical name	moderatorInfo
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.4.3.14 Field createdAt**2.1.2.4.3.14.1 createdAt Tree Diagram**

{ts} createdAt
document

2.1.2.4.3.14.2 createdAt properties

PROPERTY	VALUE
Name	createdAt
Technical name	createdAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.4.3.15 Field updatedAt**2.1.2.4.3.15.1 updatedAt Tree Diagram**

{ts} updatedAt
document

2.1.2.4.3.15.2 updatedAt properties

PROPERTY	VALUE
Name	updatedAt
Technical name	updatedAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.4.4 organizations JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "organizations",
  "additionalProperties": false,
  "properties": {
    "_id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "name": {
      "type": "string"
    },
    "descriptions": {
      "type": "object",
      "properties": {
        "description": {
          "type": "string"
        },
        "description(1)": {
          "type": "string"
        }
      }
    },
    "additionalProperties": false,
    "required": [
      "description"
    ]
  },
  "contactInfo": {
    "type": "object",
    "properties": {
      "emailId": {
```

```

        "type": "string",
        "format": "email"
    },
    "website": {
        "type": "string"
    },
    "chattingPlatform": {
        "type": "array",
        "additionalItems": true,
        "uniqueItems": true,
        "items": [
            {
                "id": "slackURL",
                "type": "string"
            },
            {
                "id": "slackURL",
                "type": "string"
            }
        ]
    },
    "additionalProperties": false,
    "required": [
        "emailId",
        "website"
    ]
},
"adminInfo": {
    "type": "object",
    "additionalProperties": false
},
"moderatorInfo": {
    "type": "object",
    "additionalProperties": false
},
"createdAt": {
    "type": "string",
    "format": "date-time"
},
"updatedAt": {
    "type": "string",
    "format": "date-time"
}
},
"required": [
    "_id",
    "name",
    "contactInfo",
    "adminInfo",
    "createdAt",
    "updatedAt"
]
}

```

2.1.2.4.5 organizations JSON data

```
{
  "_id": ObjectId("507f1f77bcf86cd799439011"),
  "name": "Lorem",
  "descriptions": {
    "description": "sample description",
    "description(1)": "sample description"
  },
  "contactInfo": {
    "emailId": "orgemail@org.com",
    "website": "Lorem",
    "chattingPlatform": [
      "Lorem",
      "Lorem"
    ]
  },
  "createdAt": Timestamp(1460127718,1),
  "updatedAt": Timestamp(1460127718,1)
}
```

2.1.2.4.6 organizations Target Script

```
use donut;

db.createCollection( "organizations",{
  "storageEngine": {
    "wiredTiger": {}
  },
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "organizations",
      "additionalProperties": false,
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "name": {
          "bsonType": "string"
        },
        "descriptions": {
          "bsonType": "object",
          "properties": {
            "description": {
              "bsonType": "string"
            },
            "description(1)": {
              "bsonType": "string"
            }
          }
        },
        "additionalProperties": false,
        "required": [
          "description"
        ]
      }
    }
  }
})
```

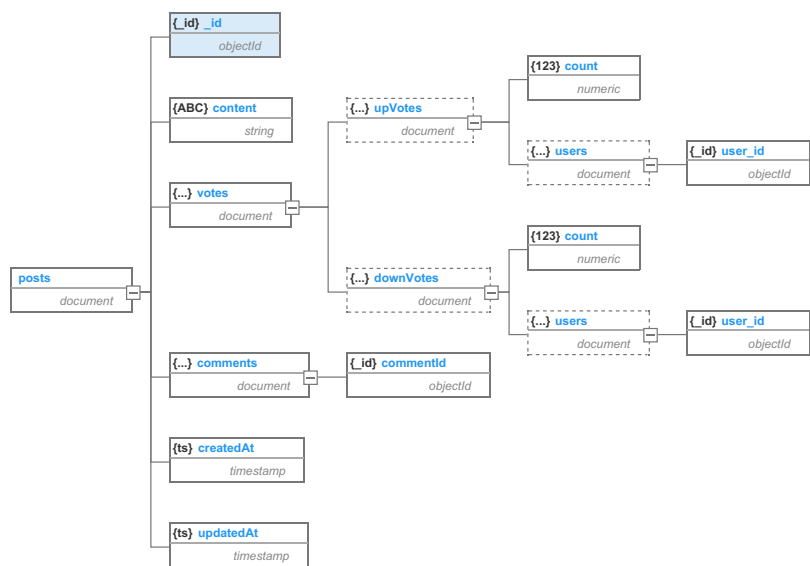
```

    ]
  },
  "contactInfo": {
    "bsonType": "object",
    "properties": {
      "emailId": {
        "bsonType": "string"
      },
      "website": {
        "bsonType": "string"
      },
      "chattingPlatform": {
        "bsonType": "array",
        "additionalItems": true,
        "uniqueItems": true,
        "items": [
          {
            "bsonType": "string"
          },
          {
            "bsonType": "string"
          }
        ]
      }
    }
  },
  "additionalProperties": false,
  "required": [
    "emailId",
    "website"
  ]
},
"adminInfo": {
  "bsonType": "object",
  "additionalProperties": false
},
"moderatorInfo": {
  "bsonType": "object",
  "additionalProperties": false
},
"createdAt": {
  "bsonType": "timestamp"
},
"updatedAt": {
  "bsonType": "timestamp"
}
},
"required": [
  "_id",
  "name",
  "contactInfo",
  "adminInfo",
  "createdAt",
  "updatedAt"
]
}
},
"validationLevel": "off",
"validationAction": "warn"
});

```


2.1.2.5 Collection posts

2.1.2.5.1 posts Tree Diagram



2.1.2.5.2 posts Properties

PROPERTY	VALUE
Collection name	posts
Technical name	posts
Id	
Description	
Database	donut
Capped	false
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Additional properties	false
Comments	

2.1.2.5.3 posts Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
_id	objectId	true			
content	string	true			
votes	document	true			
upVotes	document	false			
count	numeric	true			
users	document	false			
user_id	objectId	true			
downVotes	document	false			
count	numeric	true			
users	document	false			
user_id	objectId	true			
comments	document	true			
commentId	objectId	true			
createdAt	timestamp	true			
updatedAt	timestamp	true			

2.1.2.5.3.1 Field _id

2.1.2.5.3.1.1 _id Tree Diagram

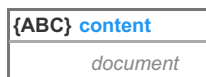
{_id} _id
document

2.1.2.5.3.1.2 _id properties

PROPERTY	VALUE
Name	_id
Technical name	_id
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.5.3.2 Field content

2.1.2.5.3.2.1 content Tree Diagram

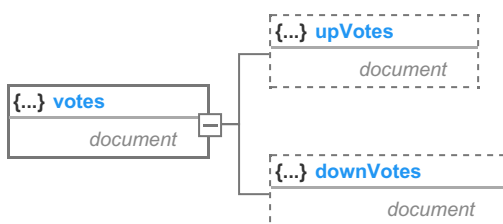


2.1.2.5.3.2.2 content properties

PROPERTY	VALUE
Name	content
Technical name	content
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.5.3.3 Field votes

2.1.2.5.3.3.1 votes Tree Diagram



2.1.2.5.3.3.2 votes Hierarchy

Parent field: **posts**

Child field(s):

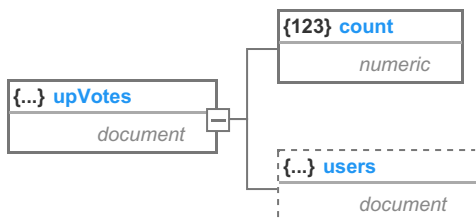
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
upVotes	document	false			
downVotes	document	false			

2.1.2.5.3.3 votes properties

PROPERTY	VALUE
Name	votes
Technical name	votes
Id	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.5.3.4 Field upVotes

2.1.2.5.3.4.1 upVotes Tree Diagram



2.1.2.5.3.4.2 upVotes Hierarchy

Parent field: **votes**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
count	numeric	true			
users	document	false			

2.1.2.5.3.4.3 upVotes properties

PROPERTY	VALUE
Name	upVotes
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.5.3.5 Field count**2.1.2.5.3.5.1 count Tree Diagram**

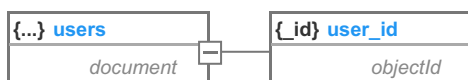
{123} count
document

2.1.2.5.3.5.2 count properties

PROPERTY	VALUE
Name	count
Technical name	upvotes
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Unit	
Min value	
Excl min	false
Max value	
Excl max	false
Multiple of	
Divisible by	
Enum	
Sample	
Comments	

2.1.2.5.3.6 Field users

2.1.2.5.3.6.1 users Tree Diagram



2.1.2.5.3.6.2 users Hierarchy

Parent field: **upVotes**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
user_id	objectId	true	fk		

2.1.2.5.3.6.3 users properties

PROPERTY	VALUE
Name	users
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.5.3.7 Field user_id

2.1.2.5.3.7.1 user_id Tree Diagram

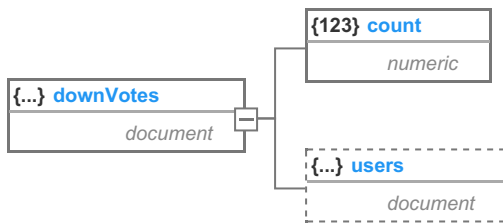
{_id} user_id
document

2.1.2.5.3.7.2 user_id properties

PROPERTY	VALUE
Name	user_id
Technical name	
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.5.3.8 Field downVotes

2.1.2.5.3.8.1 downVotes Tree Diagram



2.1.2.5.3.8.2 downVotes Hierarchy

Parent field: **votes**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
count	numeric	true			
users	document	false			

2.1.2.5.3.8.3 downVotes properties

PROPERTY	VALUE
Name	downVotes
Technical name	downVotes
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.5.3.9 Field count

2.1.2.5.3.9.1 count Tree Diagram

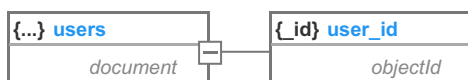


2.1.2.5.3.9.2 count properties

PROPERTY	VALUE
Name	count
Technical name	upvotes
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Unit	
Min value	
Excl min	false
Max value	
Excl max	false
Multiple of	
Divisible by	
Enum	
Sample	
Comments	

2.1.2.5.3.10 Field users

2.1.2.5.3.10.1 users Tree Diagram



2.1.2.5.3.10.2 users Hierarchy

Parent field: **downVotes**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
user_id	objectId	true	fk		

2.1.2.5.3.10.3 users properties

PROPERTY	VALUE
Name	users
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.5.3.11 Field user_id

2.1.2.5.3.11.1 user_id Tree Diagram

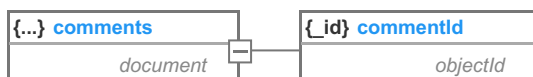
{_id} user_id
document

2.1.2.5.3.11.2 user_id properties

PROPERTY	VALUE
Name	user_id
Technical name	
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	users
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.5.3.12 Field comments

2.1.2.5.3.12.1 comments Tree Diagram



2.1.2.5.3.12.2 comments Hierarchy

Parent field: **posts**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
commentId	objectId	true	fk		

2.1.2.5.3.12.3 comments properties

PROPERTY	VALUE
Name	comments
Technical name	comments
Id	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.5.3.13 Field commentId

2.1.2.5.3.13.1 commentId Tree Diagram



2.1.2.5.3.13.2 commentId properties

PROPERTY	VALUE
Name	commentId
Technical name	commentId
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	comments
Foreign field	_id
Relationship type	Foreign Key
Default	
Sample	
Comments	

2.1.2.5.3.14 Field createdAt**2.1.2.5.3.14.1 createdAt Tree Diagram**

{ts} createdAt
<i>document</i>

2.1.2.5.3.14.2 createdAt properties

PROPERTY	VALUE
Name	createdAt
Technical name	createdAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.5.3.15 Field updatedAt

2.1.2.5.3.15.1 updatedAt Tree Diagram

{ts} updatedAt
document

2.1.2.5.3.15.2 updatedAt properties

PROPERTY	VALUE
Name	updatedAt
Technical name	updatedAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.5.4 posts JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "posts",
  "additionalProperties": false,
  "properties": {
    "_id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "content": {
      "type": "string"
    },
    "votes": {
      "type": "object",
      "properties": {
        "upVotes": {
          "type": "object",
          "properties": {
            "upvotes": {
              "type": "number"
            }
          }
        },
        "users": {
          "type": "object",
          "properties": {

```

```

        "user_id": {
          "type": "string",
          "pattern": "^[a-zA-F0-9]{24}$"
        }
      },
      "additionalProperties": false,
      "required": [
        "user_id"
      ]
    },
    "additionalProperties": false,
    "required": [
      "upvotes"
    ]
  },
  "downVotes": {
    "type": "object",
    "properties": {
      "upvotes": {
        "type": "number"
      },
      "users": {
        "type": "object",
        "properties": {
          "user_id": {
            "type": "string",
            "pattern": "^[a-zA-F0-9]{24}$"
          }
        },
        "additionalProperties": false,
        "required": [
          "user_id"
        ]
      }
    },
    "additionalProperties": false,
    "required": [
      "upvotes"
    ]
  },
  "additionalProperties": false
},
"comments": {
  "type": "object",
  "properties": {
    "commentId": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    }
  },
  "additionalProperties": false,
  "required": [
    "commentId"
  ]
},
"createdAt": {
  "type": "string",

```

```

    "format": "date-time"
  },
  "updatedAt": {
    "type": "string",
    "format": "date-time"
  }
},
"required": [
  "_id",
  "content",
  "votes",
  "comments",
  "createdAt",
  "updatedAt"
]
}

```

2.1.2.5.5 posts JSON data

```

{
  "_id": ObjectId("507f1f77bcf86cd799439011"),
  "content": "Lorem",
  "votes": {
    "upVotes": {
      "upvotes": 2,
      "users": {
        "user_id": ObjectId("507f1f77bcf86cd799439011")
      }
    },
    "downVotes": {
      "upvotes": -18,
      "users": {
        "user_id": ObjectId("507f1f77bcf86cd799439011")
      }
    }
  },
  "comments": {
    "commentId": ObjectId("507f1f77bcf86cd799439011")
  },
  "createdAt": Timestamp(1460127718,1),
  "updatedAt": Timestamp(1460127718,1)
}

```

2.1.2.5.6 posts Target Script

```

use donut;

db.createCollection( "posts",{
  "storageEngine": {

```

```
"wiredTiger": {}
},
"capped": false,
"validator": {
  "$jsonSchema": {
    "bsonType": "object",
    "title": "posts",
    "additionalProperties": false,
    "properties": {
      "_id": {
        "bsonType": "objectId"
      },
      "content": {
        "bsonType": "string"
      },
      "votes": {
        "bsonType": "object",
        "properties": {
          "upVotes": {
            "bsonType": "object",
            "properties": {
              "upvotes": {
                "bsonType": "number"
              },
              "users": {
                "bsonType": "object",
                "properties": {
                  "user_id": {
                    "bsonType": "objectId"
                  }
                }
              },
              "additionalProperties": false,
              "required": [
                "user_id"
              ]
            }
          },
          "additionalProperties": false,
          "required": [
            "upvotes"
          ]
        },
        "downVotes": {
          "bsonType": "object",
          "properties": {
            "upvotes": {
              "bsonType": "number"
            },
            "users": {
              "bsonType": "object",
              "properties": {
                "user_id": {
                  "bsonType": "objectId"
                }
              }
            },
            "additionalProperties": false,
            "required": [
              "user_id"
            ]
          }
        }
      }
    }
  }
}
```



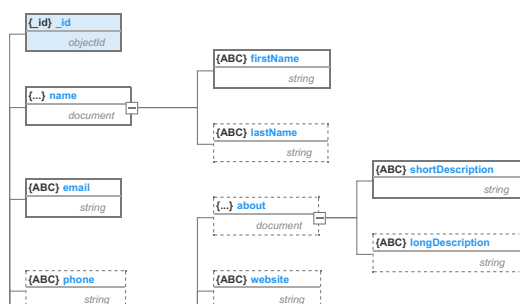
```

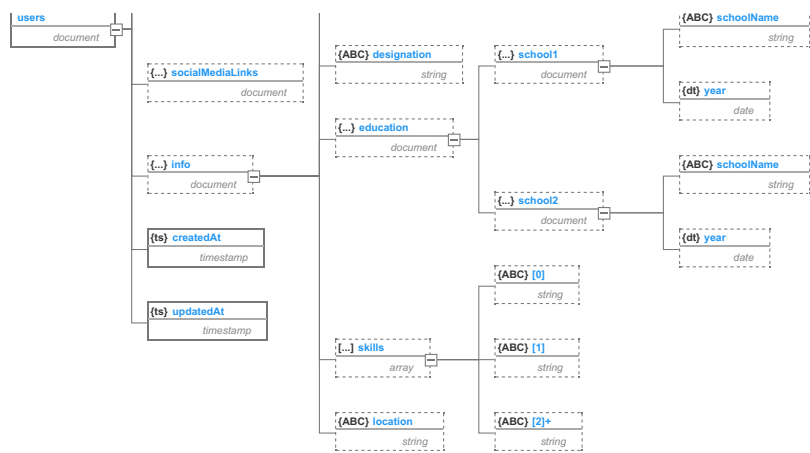
    }
  },
  "additionalProperties": false,
  "required": [
    "upvotes"
  ]
},
"additionalProperties": false
},
"comments": {
  "bsonType": "object",
  "properties": {
    "commentId": {
      "bsonType": "objectId"
    }
  }
},
"additionalProperties": false,
"required": [
  "commentId"
]
},
"createdAt": {
  "bsonType": "timestamp"
},
"updatedAt": {
  "bsonType": "timestamp"
}
},
"required": [
  "_id",
  "content",
  "votes",
  "comments",
  "createdAt",
  "updatedAt"
]
}
},
"validationLevel": "off",
"validationAction": "warn"
});

```

2.1.2.6 Collection users

2.1.2.6.1 users Tree Diagram





2.1.2.6.2 users Properties

PROPERTY	VALUE
Collection name	users
Technical name	users
Id	
Description	
Database	donut
Capped	false
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Strict
Validation action	Error
Additional properties	false
Comments	

2.1.2.6.3 users Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
_id	objectId	true			
name	document	true			
firstName	string	true			
lastName	string	false			
email	string	true			
phone	string	false			
socialMediaLinks	document	false			
info	document	false			
about	document	false			
shortDescription	string	true			
longDescription	string	false			
website	string	false			
designation	string	false			
education	document	false			
school1	document	false			
schoolName	string	false			
year	date	false			
school2	document	false			
schoolName	string	false			
year	date	false			
skills	array	false			
[0]	string	false			
[1]	string	false			
[2]	string	false			
location	string	false			
createdAt	timestamp	true			
updatedAt	timestamp	true			

2.1.2.6.3.1 Field _id

2.1.2.6.3.1.1 _id Tree Diagram

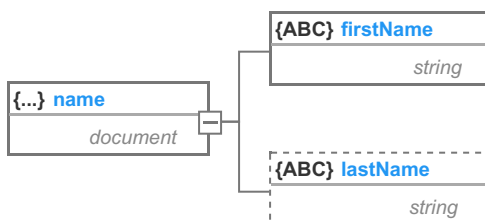
{_id} _id
document

2.1.2.6.3.1.2 _id properties

PROPERTY	VALUE
Name	_id
Technical name	_id
Id	
Type	objectId
Description	
Dependencies	
Required	true
Primary key	true
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.6.3.2 Field name

2.1.2.6.3.2.1 name Tree Diagram



2.1.2.6.3.2.2 name Hierarchy

Parent field: **users**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
firstName	string	true			
lastName	string	false			

2.1.2.6.3.2.3 name properties

PROPERTY	VALUE
Name	name
Technical name	name
Id	
Type	document
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.6.3.3 Field firstName**2.1.2.6.3.3.1 firstName Tree Diagram**

{ABC} firstName
<i>document</i>

2.1.2.6.3.3.2 firstName properties

PROPERTY	VALUE
Name	firstName
Technical name	firstName
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.4 Field lastName**2.1.2.6.3.4.1 lastName Tree Diagram**

{ABC} lastName
<i>document</i>

2.1.2.6.3.4.2 lastName properties

PROPERTY	VALUE
Name	lastName
Technical name	lastName
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.5 Field email**2.1.2.6.3.5.1 email Tree Diagram**

{ABC} email
document

2.1.2.6.3.5.2 email properties

PROPERTY	VALUE
Name	email
Technical name	email
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.6 Field phone**2.1.2.6.3.6.1 phone Tree Diagram**

{ABC} phone
<i>document</i>

2.1.2.6.3.6.2 phone properties

PROPERTY	VALUE
Name	phone
Technical name	phone
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.7 Field socialMediaLinks**2.1.2.6.3.7.1 socialMediaLinks Tree Diagram**

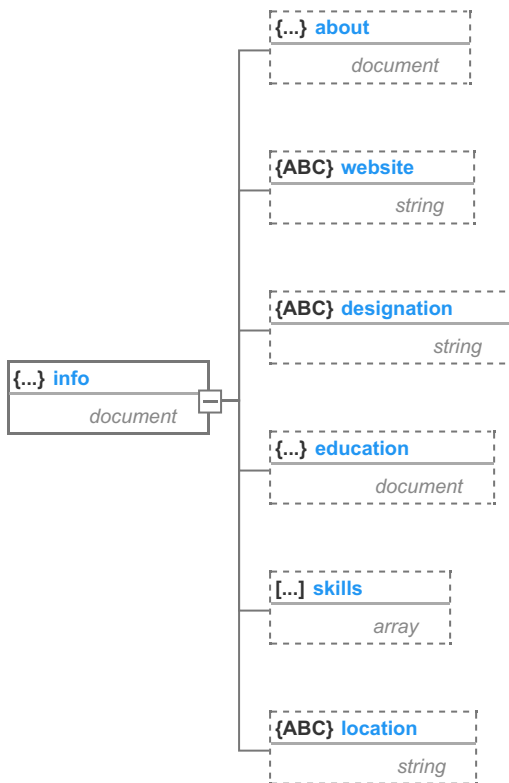
{...} socialMediaLinks
<i>document</i>

2.1.2.6.3.7.2 socialMediaLinks properties

PROPERTY	VALUE
Name	socialMediaLinks
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.6.3.8 Field info

2.1.2.6.3.8.1 info Tree Diagram



2.1.2.6.3.8.2 info Hierarchy

Parent field: **users**

Child field(s):

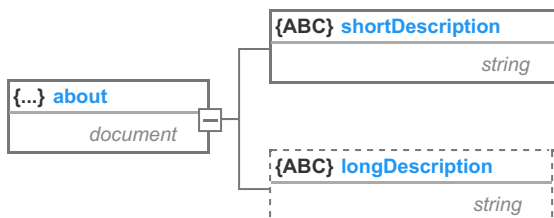
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
about	document	false			
website	string	false			
designation	string	false			
education	document	false			
skills	array	false			
location	string	false			

2.1.2.6.3.8.3 info properties

PROPERTY	VALUE
Name	info
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.6.3.9 Field about

2.1.2.6.3.9.1 about Tree Diagram



2.1.2.6.3.9.2 about Hierarchy

Parent field: **info**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
shortDescription	string	true			
longDescription	string	false			

2.1.2.6.3.9.3 about properties

PROPERTY	VALUE
Name	about
Technical name	
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.6.3.10 Field shortDescription**2.1.2.6.3.10.1 shortDescription Tree Diagram**

{ABC} shortDescription
<i>document</i>

2.1.2.6.3.10.2 shortDescription properties

PROPERTY	VALUE
Name	shortDescription
Technical name	shortDescription
Id	
Type	string
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.11 Field longDescription

2.1.2.6.3.11.1 longDescription Tree Diagram

{ABC} longDescription
<i>document</i>

2.1.2.6.3.11.2 longDescription properties

PROPERTY	VALUE
Name	longDescription
Technical name	longDescription
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.12 Field website

2.1.2.6.3.12.1 website Tree Diagram

{ABC} website
document

2.1.2.6.3.12.2 website properties

PROPERTY	VALUE
Name	website
Technical name	website
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	uri
Enum	
Sample	
Comments	

2.1.2.6.3.13 Field designation**2.1.2.6.3.13.1 designation Tree Diagram**

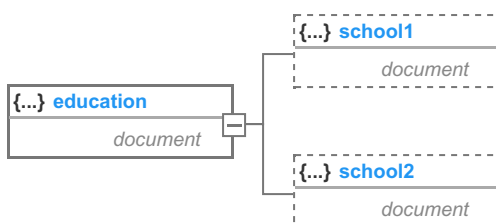
{ABC} designation
<i>document</i>

2.1.2.6.3.13.2 designation properties

PROPERTY	VALUE
Name	designation
Technical name	designation
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.14 Field education

2.1.2.6.3.14.1 education Tree Diagram



2.1.2.6.3.14.2 education Hierarchy

Parent field: **info**

Child field(s):

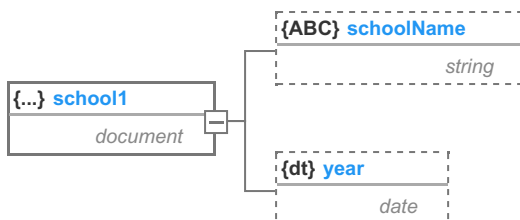
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
school1	document	false			
school2	document	false			

2.1.2.6.3.14.3 education properties

PROPERTY	VALUE
Name	education
Technical name	education
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.6.3.15 Field school1

2.1.2.6.3.15.1 school1 Tree Diagram



2.1.2.6.3.15.2 school1 Hierarchy

Parent field: **education**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
schoolName	string	false			
year	date	false			

2.1.2.6.3.15.3 school1 properties

PROPERTY	VALUE
Name	school1
Technical name	school1
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.6.3.16 Field schoolName**2.1.2.6.3.16.1 schoolName Tree Diagram**

{ABC} schoolName
<i>document</i>

2.1.2.6.3.16.2 schoolName properties

PROPERTY	VALUE
Name	schoolName
Technical name	schoolName
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.17 Field year**2.1.2.6.3.17.1 year Tree Diagram**

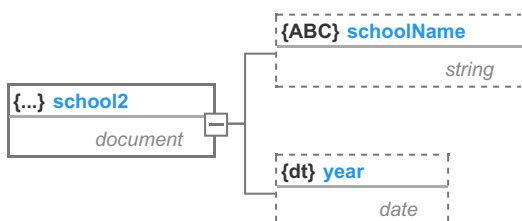
{dt} year
<i>document</i>

2.1.2.6.3.17.2 year properties

PROPERTY	VALUE
Name	year
Technical name	year
Id	
Type	date
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.6.3.18 Field school2

2.1.2.6.3.18.1 school2 Tree Diagram



2.1.2.6.3.18.2 school2 Hierarchy

Parent field: **education**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
schoolName	string	false			
year	date	false			

2.1.2.6.3.18.3 school2 properties

PROPERTY	VALUE
Name	school2
Technical name	school2
Id	
Type	document
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
DBRef	
Min Properties	
Max Properties	
Additional properties	false
Comments	

2.1.2.6.3.19 Field schoolName**2.1.2.6.3.19.1 schoolName Tree Diagram**

{ABC} schoolName
<i>document</i>

2.1.2.6.3.19.2 schoolName properties

PROPERTY	VALUE
Name	schoolName
Technical name	schoolName
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.20 Field year**2.1.2.6.3.20.1 year Tree Diagram**

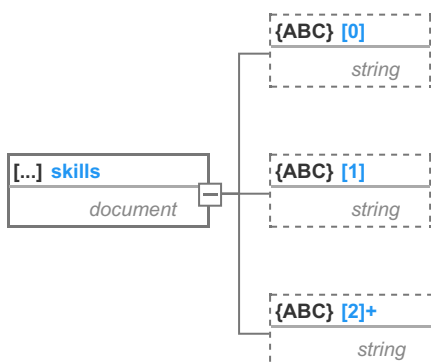
{dt} year
<i>document</i>

2.1.2.6.3.20.2 year properties

PROPERTY	VALUE
Name	year
Technical name	year
Id	
Type	date
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.6.3.21 Field skills

2.1.2.6.3.21.1 skills Tree Diagram



2.1.2.6.3.21.2 skills Hierarchy

Parent field: **info**

Child field(s):

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			
[1]	string	false			
[2]	string	false			

2.1.2.6.3.21.3 skills properties

PROPERTY	VALUE
Name	skills
Technical name	
Id	
Type	array
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Min items	
Max items	
Unique items	false
Additional items	true
Comments	

2.1.2.6.3.22 Field [0]**2.1.2.6.3.22.1 [0] Tree Diagram**

{ABC} [0]
<i>document</i>

2.1.2.6.3.22.2 [0] properties

PROPERTY	VALUE
Id	
Type	string
Description	
Dependencies	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.23 Field [1]**2.1.2.6.3.23.1 [1] Tree Diagram**

{ABC} [1]
<i>document</i>

2.1.2.6.3.23.2 [1] properties

PROPERTY	VALUE
Id	
Type	string
Description	
Dependencies	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.24 Field [2]**2.1.2.6.3.24.1 [2] Tree Diagram**

{ABC} [2]
<i>document</i>

2.1.2.6.3.24.2 [2] properties

PROPERTY	VALUE
Id	
Type	string
Description	
Dependencies	
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.25 Field location**2.1.2.6.3.25.1 location Tree Diagram**

{ABC} location
<i>document</i>

2.1.2.6.3.25.2 location properties

PROPERTY	VALUE
Name	location
Technical name	location
Id	
Type	string
Description	
Dependencies	
Required	false
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Sample	
Comments	

2.1.2.6.3.26 Field createdAt**2.1.2.6.3.26.1 createdAt Tree Diagram**

{ts} createdAt
document

2.1.2.6.3.26.2 createdAt properties

PROPERTY	VALUE
Name	createdAt
Technical name	createdAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.6.3.27 Field updatedAt**2.1.2.6.3.27.1 updatedAt Tree Diagram**

{ts} updatedAt
document

2.1.2.6.3.27.2 updatedAt properties

PROPERTY	VALUE
Name	updatedAt
Technical name	updatedAt
Id	
Type	timestamp
Description	
Dependencies	
Required	true
Primary key	false
Foreign collection	
Foreign field	
Relationship type	
Default	
Sample	
Comments	

2.1.2.6.4 users Indexes

PROPERTY	NEW INDEX
Name	New Index
Key	
Hashed	
Unique	
Drop duplicates	
Sparse	
Background indexing	
Partial filter exp	
Expire after (seconds)	
Storage engine	WiredTiger
Comments	

2.1.2.6.5 users JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "users",
  "additionalProperties": false,
  "properties": {
    "_id": {
      "type": "string",
      "pattern": "^[a-zA-F0-9]{24}$"
    },
    "name": {
      "type": "object",
      "properties": {
        "firstName": {
          "type": "string"
        },
        "lastName": {
          "type": "string"
        }
      }
    },
    "additionalProperties": false,
    "required": [
      "firstName"
    ]
  },
  "email": {
    "type": "string"
  },
  "phone": {
    "type": "string"
  },
  "socialMediaLinks": {
    "type": "object",
    "additionalProperties": false
  },
  "info": {
```

```
"type": "object",
"properties": {
  "about": {
    "type": "object",
    "properties": {
      "shortDescription": {
        "type": "string"
      },
      "longDescription": {
        "type": "string"
      }
    },
    "additionalProperties": false,
    "required": [
      "shortDescription"
    ]
  },
  "website": {
    "type": "string",
    "format": "uri"
  },
  "designation": {
    "type": "string"
  },
  "education": {
    "type": "object",
    "properties": {
      "school1": {
        "type": "object",
        "properties": {
          "schoolName": {
            "type": "string"
          },
          "year": {
            "type": "string",
            "format": "date-time"
          }
        },
        "additionalProperties": false
      },
      "school2": {
        "type": "object",
        "properties": {
          "schoolName": {
            "type": "string"
          },
          "year": {
            "type": "string",
            "format": "date-time"
          }
        },
        "additionalProperties": false
      }
    },
    "additionalProperties": false
  },
  "skills": {
    "type": "array",
    "additionalItems": true,
```

```
    "uniqueItems": false,
    "items": [
      {
        "type": "string"
      },
      {
        "type": "string"
      },
      {
        "type": "string"
      }
    ]
  },
  "location": {
    "type": "string"
  }
},
"additionalProperties": false
},
"createdAt": {
  "type": "string",
  "format": "date-time"
},
"updatedAt": {
  "type": "string",
  "format": "date-time"
}
},
"required": [
  "_id",
  "name",
  "email",
  "createdAt",
  "updatedAt"
]
}
```

2.1.2.6.6 users JSON data


```
{
  "_id": ObjectId("507f1f77bcf86cd799439011"),
  "name": {
    "firstName": "Lorem",
    "lastName": "Lorem"
  },
  "email": "Lorem",
  "phone": "Lorem",
  "info": {
    "about": {
      "shortDescription": "Lorem",
      "longDescription": "Lorem"
    },
    "website": "./resource.txt#frag01",
    "designation": "Lorem",
    "education": {
      "school1": {
        "schoolName": "Lorem",
        "year": ISODate("2016-04-08T15:06:21.595Z")
      },
      "school2": {
        "schoolName": "Lorem",
        "year": ISODate("2016-04-08T15:06:21.595Z")
      }
    },
    "skills": [
      "Lorem",
      "Lorem",
      "Lorem"
    ],
    "location": "Lorem"
  },
  "createdAt": Timestamp(1460127718,1),
  "updatedAt": Timestamp(1460127718,1)
}
```

2.1.2.6.7 users Target Script

```
use donut;

db.createCollection( "users",{
  "storageEngine": {
    "wiredTiger": {}
  },
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "users",
      "additionalProperties": false,
      "properties": {
        "_id": {
          "bsonType": "objectId"
        }
      }
    }
  }
})
```

```
    },
    "name": {
      "bsonType": "object",
      "properties": {
        "firstName": {
          "bsonType": "string"
        },
        "lastName": {
          "bsonType": "string"
        }
      }
    },
    "additionalProperties": false,
    "required": [
      "firstName"
    ]
  },
  "email": {
    "bsonType": "string"
  },
  "phone": {
    "bsonType": "string"
  },
  "socialMediaLinks": {
    "bsonType": "object",
    "additionalProperties": false
  },
  "info": {
    "bsonType": "object",
    "properties": {
      "about": {
        "bsonType": "object",
        "properties": {
          "shortDescription": {
            "bsonType": "string"
          },
          "longDescription": {
            "bsonType": "string"
          }
        }
      },
      "additionalProperties": false,
      "required": [
        "shortDescription"
      ]
    },
  },
  "website": {
    "bsonType": "string"
  },
  "designation": {
    "bsonType": "string"
  },
  "education": {
    "bsonType": "object",
    "properties": {
      "school1": {
        "bsonType": "object",
        "properties": {
          "schoolName": {
            "bsonType": "string"
          }
        }
      },
    },
  },
}
```

```

        "year": {
          "bsonType": "date"
        }
      },
      "additionalProperties": false
    },
    "school2": {
      "bsonType": "object",
      "properties": {
        "schoolName": {
          "bsonType": "string"
        },
        "year": {
          "bsonType": "date"
        }
      },
      "additionalProperties": false
    }
  },
  "additionalProperties": false
},
"skills": {
  "bsonType": "array",
  "additionalItems": true,
  "uniqueItems": false,
  "items": [
    {
      "bsonType": "string"
    },
    {
      "bsonType": "string"
    },
    {
      "bsonType": "string"
    }
  ]
},
"location": {
  "bsonType": "string"
}
},
"additionalProperties": false
},
"createdAt": {
  "bsonType": "timestamp"
},
"updatedAt": {
  "bsonType": "timestamp"
}
},
"required": [
  "_id",
  "name",
  "email",
  "createdAt",
  "updatedAt"
]
}
},

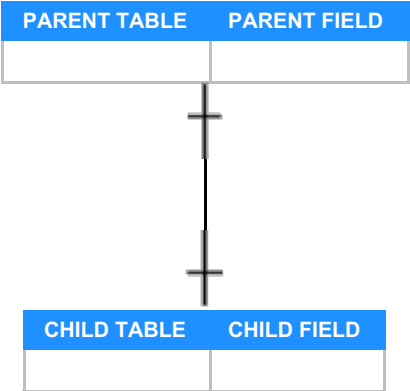
```

```
"validationLevel": "strict",
"validationAction": "error"
});
```

3. RELATIONSHIPS

3.1 Relationship New Relationship

3.1.1 New Relationship Diagram

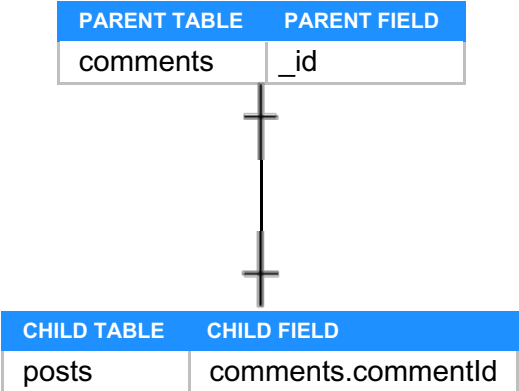


3.1.2 New Relationship Properties

PROPERTY	VALUE
Name	New Relationship
Description	
Parent Collection	
Parent field	
Parent Cardinality	1
Child Collection	
Child field	
Child Cardinality	1
Comments	

3.2 Relationship fk comments._id to posts.comments._id

3.2.1 fk comments._id to posts.comments._id Diagram

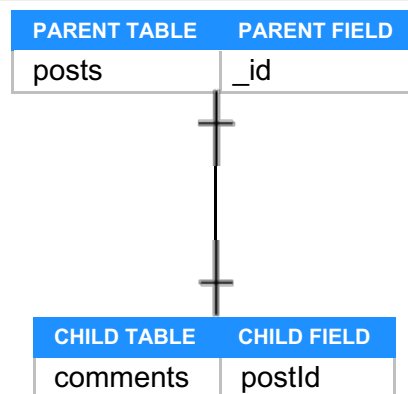


3.2.2 fk comments._id to posts.comments._id Properties

PROPERTY	VALUE
Name	fk comments._id to posts.comments._id
Description	
Parent Collection	comments
Parent field	_id
Parent Cardinality	1
Child Collection	posts
Child field	commentId
Child Cardinality	1
Comments	

3.3 Relationship fk posts._id to comments.postId

3.3.1 fk posts._id to comments.postId Diagram

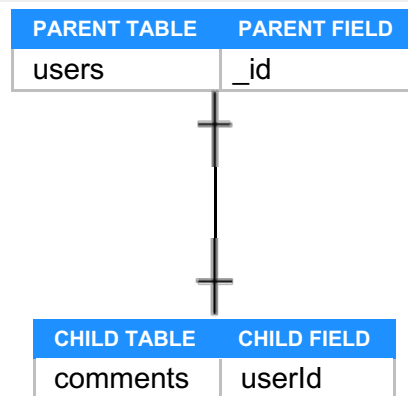


3.3.2 fk posts._id to comments.postId Properties

PROPERTY	VALUE
Name	fk posts._id to comments.postId
Description	
Parent Collection	posts
Parent field	_id
Parent Cardinality	1
Child Collection	comments
Child field	postId
Child Cardinality	1
Comments	

3.4 Relationship fk users._id to comments.userId

3.4.1 fk users._id to comments.userId Diagram

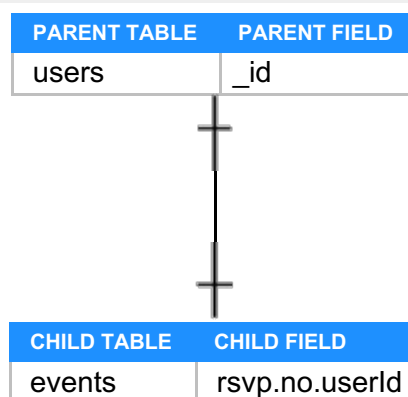


3.4.2 fk users._id to comments.userId Properties

PROPERTY	VALUE
Name	fk users._id to comments.userId
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	comments
Child field	userId
Child Cardinality	1
Comments	

3.5 Relationship fk users._id to events.rsvp.no.userId

3.5.1 fk users._id to events.rsvp.no.userId Diagram

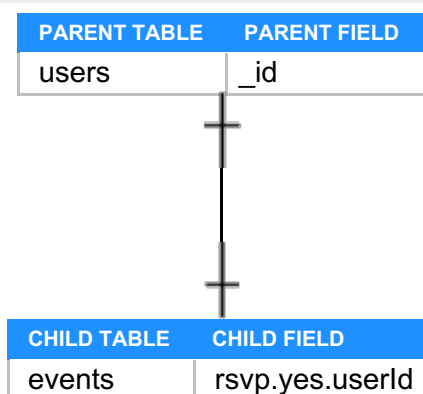


3.5.2 fk users._id to events.rsvp.no.userId Properties

PROPERTY	VALUE
Name	fk users._id to events.rsvp.no.userId
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	events
Child field	userId
Child Cardinality	1
Comments	

3.6 Relationship fk users._id to events.rsvp.yes.userId

3.6.1 fk users._id to events.rsvp.yes.userId Diagram

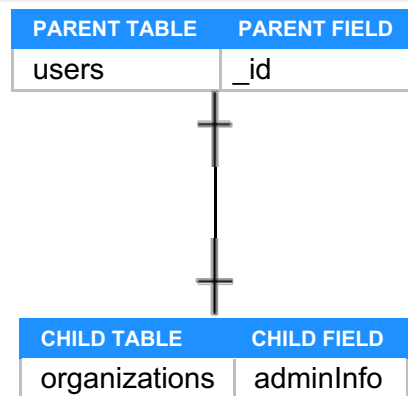


3.6.2 fk users._id to events.rsvp.yes.userId Properties

PROPERTY	VALUE
Name	fk users._id to events.rsvp.yes.userId
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	events
Child field	userId
Child Cardinality	1
Comments	

3.7 Relationship fk users._id to organizations.adminInfo

3.7.1 fk users._id to organizations.adminInfo Diagram

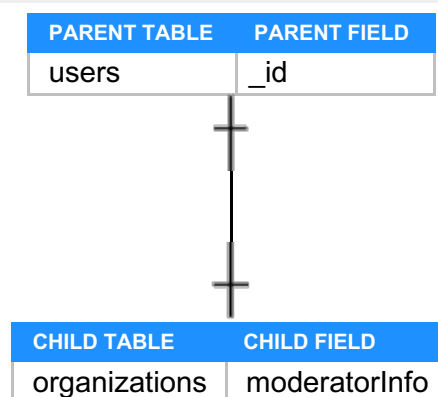


3.7.2 fk users._id to organizations.adminInfo Properties

PROPERTY	VALUE
Name	fk users._id to organizations.adminInfo
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	organizations
Child field	adminInfo
Child Cardinality	1
Comments	

3.8 Relationship fk users._id to organizations.moderatorInfo

3.8.1 fk users._id to organizations.moderatorInfo Diagram

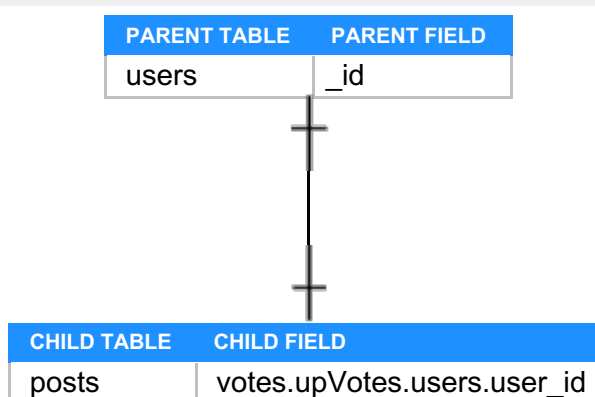


3.8.2 fk users._id to organizations.moderatorInfo Properties

PROPERTY	VALUE
Name	fk users._id to organizations.moderatorInfo
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	organizations
Child field	moderatorInfo
Child Cardinality	1
Comments	

3.9 Relationship fk users._id to posts.votes.upVotes.users.user_id

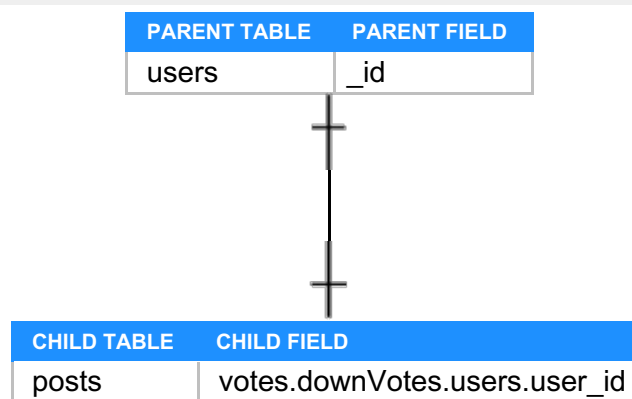
3.9.1 fk users._id to posts.votes.upVotes.users.user_id Diagram



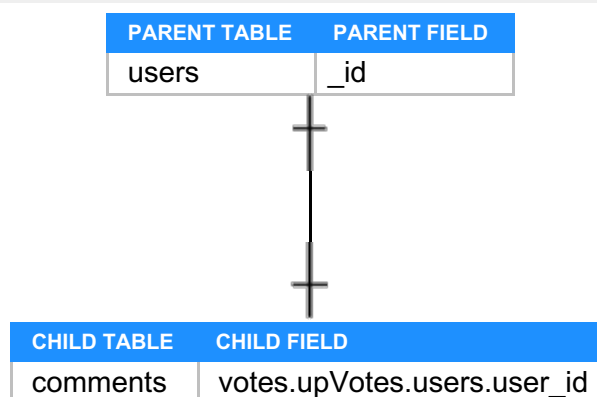
3.9.2 fk users._id to posts.votes.upVotes.users.user_id Properties

PROPERTY	VALUE
Name	fk users._id to posts.votes.upVotes.users.user_id
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	posts
Child field	
Child Cardinality	1
Comments	

3.10 Relationship fk users._id to posts.votes.upVotes.users.user_id

3.10.1 fk users._id to posts.votes.upVotes.users.user_id Diagram**3.10.2 fk users._id to posts.votes.upVotes.users.user_id Properties**

PROPERTY	VALUE
Name	fk users._id to posts.votes.upVotes.users.user_id
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	posts
Child field	user_id
Child Cardinality	1
Comments	

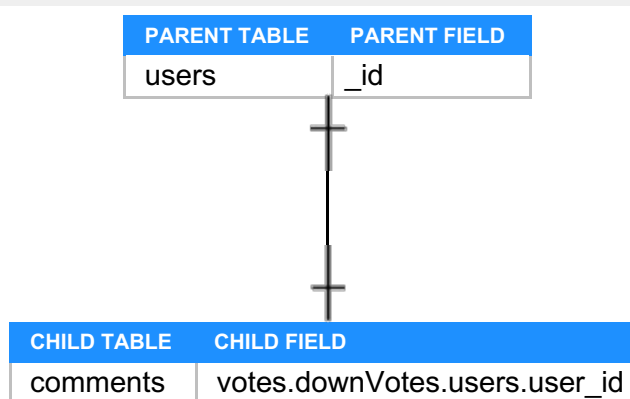
3.11 Relationship fk users._id to posts.votes.upVotes.users.user_id**3.11.1 fk users._id to posts.votes.upVotes.users.user_id Diagram**

3.11.2 fk users._id to posts.votes.upVotes.users.user_id Properties

PROPERTY	VALUE
Name	fk users._id to posts.votes.upVotes.users.user_id
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	comments
Child field	user_id
Child Cardinality	1
Comments	

3.12 Relationship fk users._id to posts.votes.upVotes.users.user_id

3.12.1 fk users._id to posts.votes.upVotes.users.user_id Diagram



3.12.2 fk users._id to posts.votes.upVotes.users.user_id Properties

PROPERTY	VALUE
Name	fk users._id to posts.votes.upVotes.users.user_id
Description	
Parent Collection	users
Parent field	_id
Parent Cardinality	1
Child Collection	comments
Child field	user_id
Child Cardinality	1
Comments	