{-}ackolade

MongoDB Physical Model

Schema for:

Model name: envent-model
Author:
Version:
File name: envent-model.json
File path: \\192.168.0.2\support\envent-model.json
Printed On: Thu Jun 04 2020 00:01:23 GMT+1000 (Australian Eastern Standard Time)
Created with: Hackolade - Visual data modeling for NoSQL and multimodel databases

1. Model

2. Databases

3. Relationships

1. MODEL

1.1 Model envent-model

1.1.1 envent-model Entity Relationship Diagram
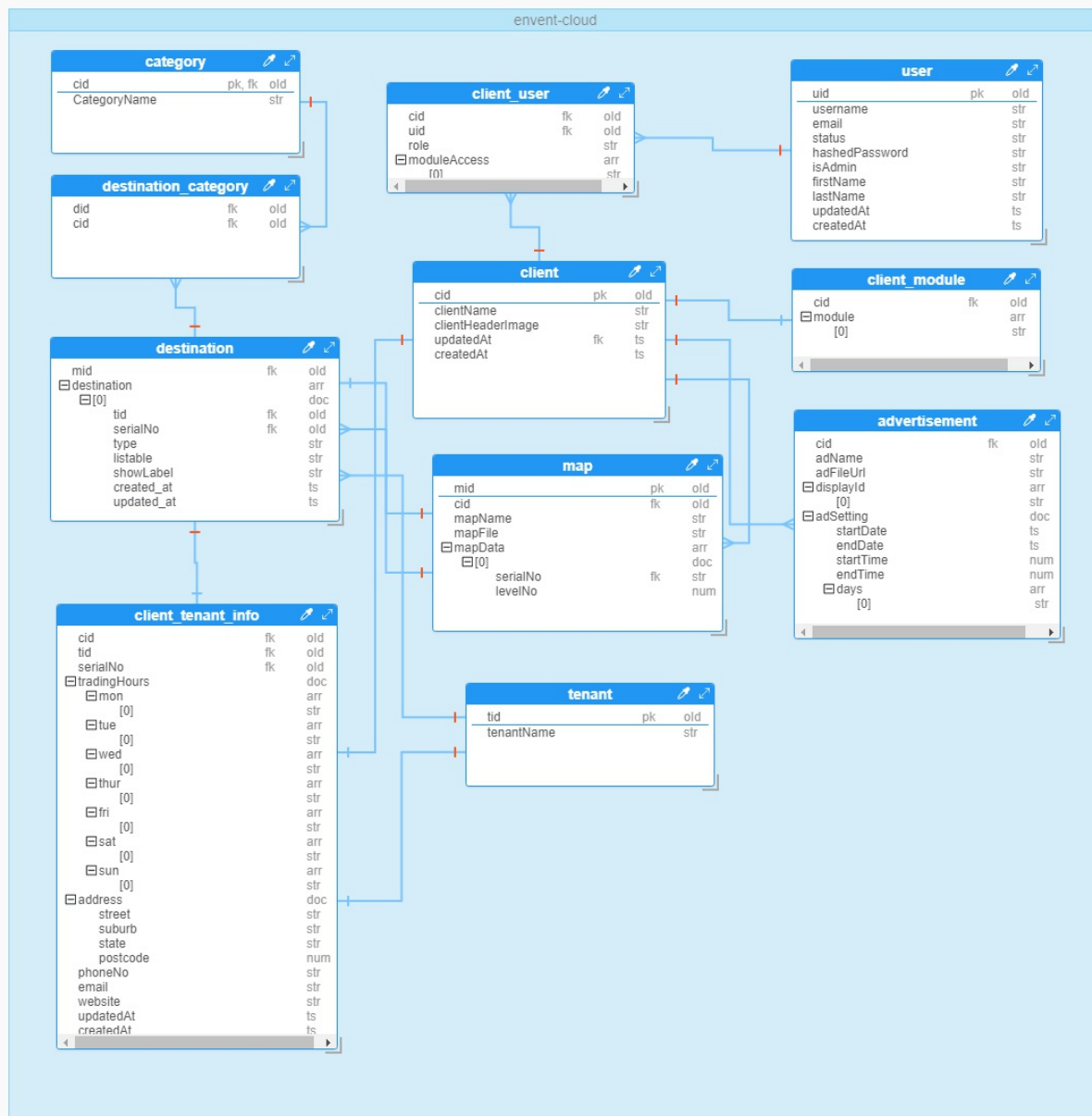
1.1.2 envent-model Properties

PROPERTY	VALUE
Model name	envent-model
Technical name	
Description	
Author	
Version	
DB vendor	MongoDB
DB version	v4.2
Comments	

1.1.3 envent-model DB Definitions

2. DATABASES

2.1 Database envent-cloud
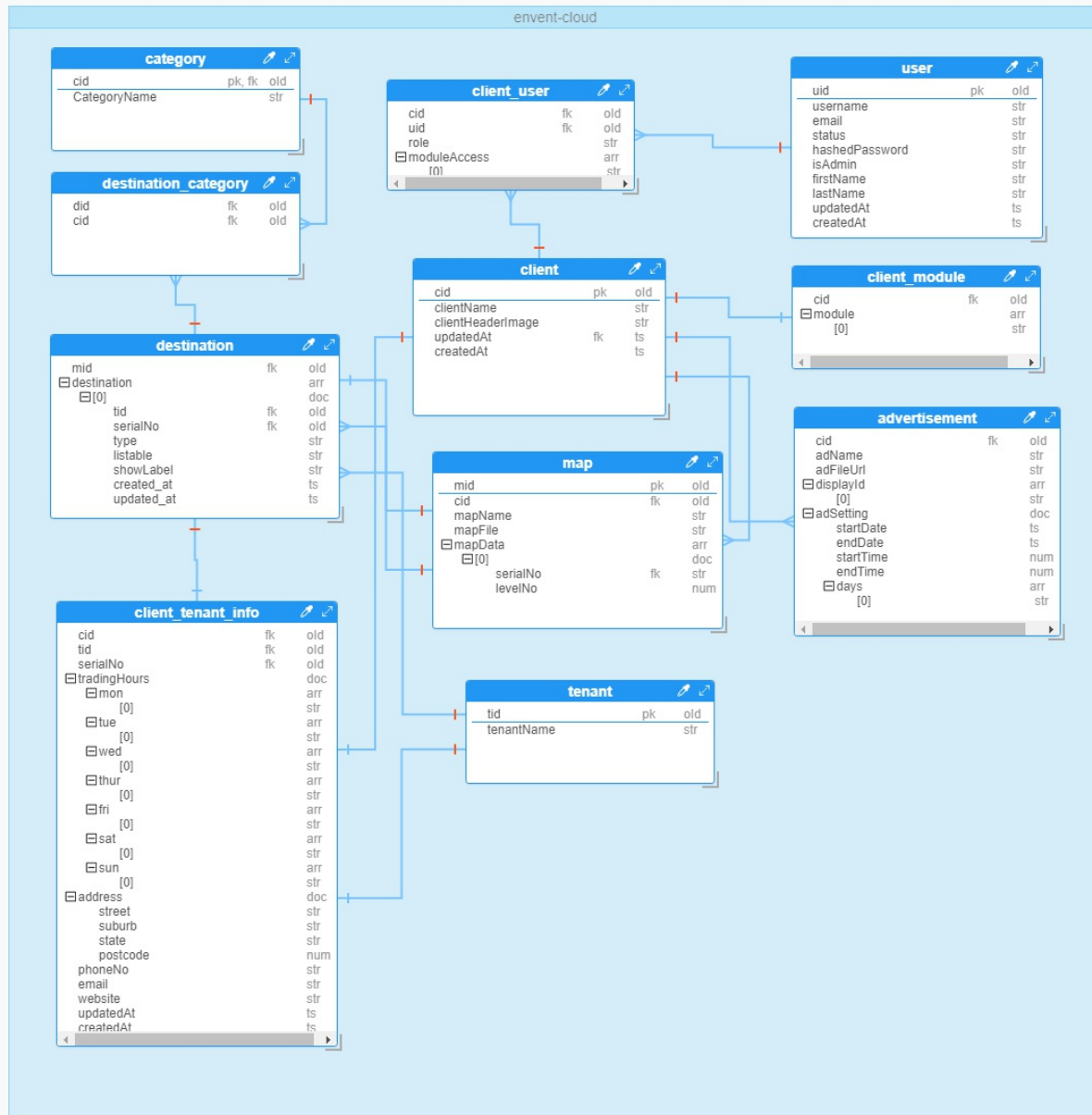
2.1.1 envent-cloud Properties

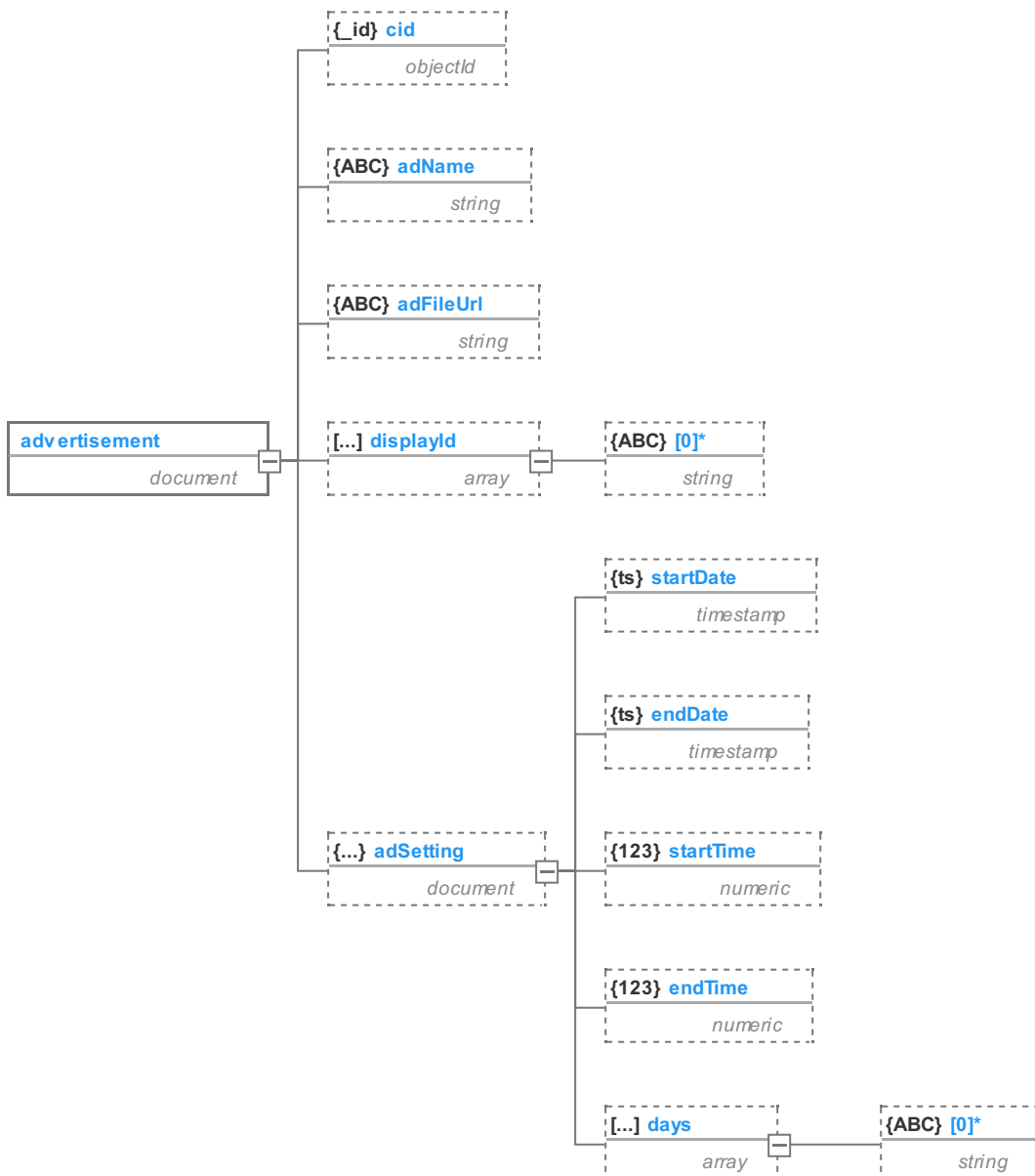| PROPERTY	VALUE
Database name	envent-cloud
Technical name	
Enable sharding	
Description	
Comments	

2.1.2 envent-cloud Collections

2.1.2.1 Collection advertisement

2.1.2.1.1 advertisement Tree Diagram

2.1.2.1.2 advertisement Properties

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

2.1.2.1.3 advertisement Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
cid	objectId	false			
adName	string	false			
adFileUrl	string	false			
displayId	array	false			
[0]	string	false			
adSetting	document	false			
startDate	timestamp	false			
endDate	timestamp	false			
startTime	numeric	false			
endTime	numeric	false			
days	array	false			
[0]	string	false			

2.1.2.1.3.1 Field cid

2.1.2.1.3.1.1 cid Tree Diagram

{_id} cid
document

2.1.2.1.3.1.2 cid properties

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

2.1.2.1.3.2 Field adName

2.1.2.1.3.2.1 adName Tree Diagram

```
{ABC} adName
      document
```

2.1.2.1.3.2.2 adName properties

PROPERTY	VALUE
Name	adName
Technical name	
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	

2.1.2.1.3.3 Field adFileUrl

2.1.2.1.3.3.1 adFileUrl Tree Diagram

```
{ABC} adFileUrl
       document
```
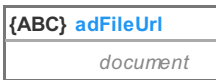
2.1.2.1.3.3.2 adFileUrl properties

PROPERTY	VALUE
Name	adFileUrl
Technical name	
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	

2.1.2.1.3.4 Field displayId

2.1.2.1.3.4.1 displayId Tree Diagram

```
[...] displayId          {ABC} [0]*
      document                 string
```
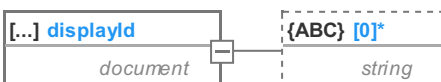
2.1.2.1.3.4.2 displayId Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.1.3.4.3 displayId properties

PROPERTY	VALUE
Name	displayId
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	

2.1.2.1.3.5 Field [0]

2.1.2.1.3.5.1 [0] Tree Diagram

{ABC} [0]
document

2.1.2.1.3.5.2 [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	

### 2.1.2.1.3.6 Field adSetting

2.1.2.1.3.6.1 adSetting Tree Diagram

```
                              {ts} startDate
                                   timestamp


                              {ts} endDate
                                   timestamp


{...} adSetting              {123} startTime
      document                     numeric


                              {123} endTime
                                   numeric


                              [...] days
                                   array
```
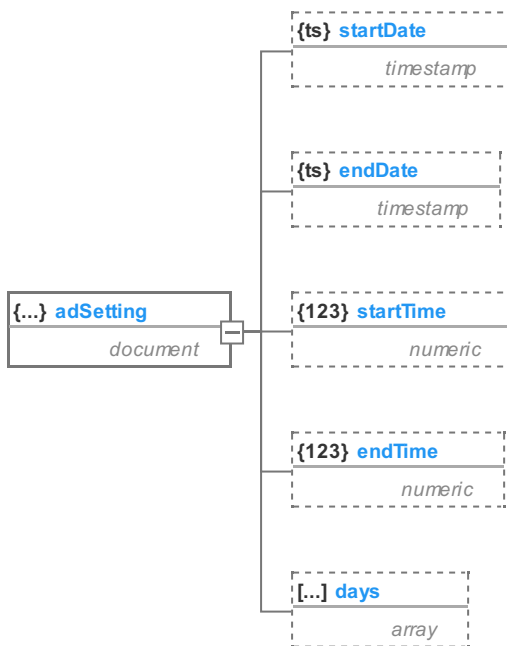
2.1.2.1.3.6.2 adSetting Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
startDate	timestamp	false			
endDate	timestamp	false			
startTime	numeric	false			
endTime	numeric	false			
days	array	false			

2.1.2.1.3.6.3 adSetting properties

PROPERTY	VALUE
Name	adSetting
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 startDate

2.1.2.1.3.7.1 startDate Tree Diagram

{ts} **startDate**
document

2.1.2.1.3.7.2 startDate properties

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

2.1.2.1.3.8 Field endDate

2.1.2.1.3.8.1 endDate Tree Diagram

{ts} **endDate**
document

2.1.2.1.3.8.2 endDate properties

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

2.1.2.1.3.9 Field startTime

2.1.2.1.3.9.1 startTime Tree Diagram

{123} **startTime**
document

2.1.2.1.3.9.2 startTime properties

PROPERTY	VALUE
Name	startTime
Technical name	
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	false
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	

2.1.2.1.3.10 Field endTime

2.1.2.1.3.10.1 endTime Tree Diagram

{123} endTime
document

2.1.2.1.3.10.2 endTime properties

PROPERTY	VALUE
Name	endTime
Technical name	
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	false
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	

2.1.2.1.3.11 Field days

2.1.2.1.3.11.1 days Tree Diagram

```
[...] days              {ABC} [0]*
    document                string
```
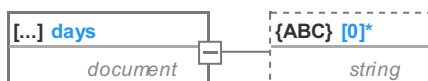
2.1.2.1.3.11.2 days Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.1.3.11.3 days properties

PROPERTY	VALUE
Name	days
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	

2.1.2.1.3.12 Field [0]

2.1.2.1.3.12.1 [0] Tree Diagram

{ABC} [0]
document

2.1.2.1.3.12.2 [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	

2.1.2.1.4 advertisement JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "advertisement",
    "additionalProperties": false,
    "properties": {
        "cid": {
            "type": "string",
            "pattern": "^[a-fA-F0-9]{24}$"
        },
        "adName": {
            "type": "string"
        },
        "adFileUrl": {
            "type": "string"
        },
        "displayId": {
            "type": "array",
            "additionalItems": true,
            "uniqueItems": false,
            "items": {
                "type": "string"
            }
        },
        "adSetting": {
            "type": "object",
            "properties": {
                "startDate": {
                    "type": "string",
                    "format": "date-time"
                },
                "endDate": {
                    "type": "string",
                    "format": "date-time"
                },
                "startTime": {
                    "type": "number"
                },
                "endTime": {
                    "type": "number"
                },
                "days": {
                    "type": "array",
                    "additionalItems": true,
                    "uniqueItems": false,
                    "items": {
                        "type": "string"
                    }
                }
            },
            "additionalProperties": false
        }
```

```
    }
}
```

2.1.2.1.5 advertisement JSON data

```json
{
  "cid": ObjectId("507f1f77bcf86cd799439011"),
  "adName": "Lorem",
  "adFileUrl": "Lorem",
  "displayId": [
    "Lorem"
  ],
  "adSetting": {
    "startDate": Timestamp(1460127718,1),
    "endDate": Timestamp(1460127718,1),
    "startTime": -61,
    "endTime": 49,
    "days": [
      "Lorem"
    ]
  }
}
```

2.1.2.1.6 advertisement Target Script

```
use envent-cloud;

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

```
      "adFileUrl": {
        "bsonType": "string"
      },
      "displayId": {
        "bsonType": "array",
        "additionalItems": true,
        "uniqueItems": false,
        "items": {
          "bsonType": "string"
        }
      },
      "adSetting": {
        "bsonType": "object",
        "properties": {
          "startDate": {
            "bsonType": "timestamp"
          },
          "endDate": {
            "bsonType": "timestamp"
          },
          "startTime": {
            "bsonType": "number"
          },
          "endTime": {
            "bsonType": "number"
          },
          "days": {
            "bsonType": "array",
            "additionalItems": true,
            "uniqueItems": false,
            "items": {
              "bsonType": "string"
            }
          }
        },
        "additionalProperties": false
      }
    }
  },
  "validationLevel": "off",
  "validationAction": "warn"
});
```
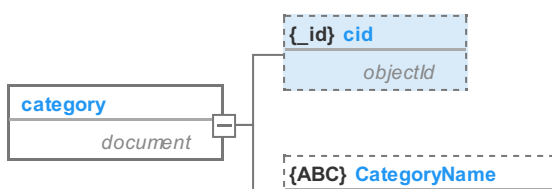
2.1.2.2 Collection category

2.1.2.2.1 category Tree Diagram

string

2.1.2.2.2 category Properties

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

2.1.2.2.3 category Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
cid	objectId	false			
CategoryName	string	false			

2.1.2.2.3.1 Field cid

2.1.2.2.3.1.1 cid Tree Diagram

{_id} cid
document

2.1.2.2.3.1.2 cid properties

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

2.1.2.2.3.2 Field CategoryName

2.1.2.2.3.2.1 CategoryName Tree Diagram

{ABC} CategoryName
document

2.1.2.2.3.2.2 CategoryName properties

PROPERTY	VALUE
Name	CategoryName
Technical name	
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	

2.1.2.2.4 category JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "category",
  "additionalProperties": false,
  "properties": {
    "cid": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "CategoryName": {
      "type": "string"
    }
  }
}
```

2.1.2.2.5 category JSON data

```
{
  "cid": ObjectId("507f1f77bcf86cd799439011"),
  "CategoryName": "Lorem"
}
```

2.1.2.2.6 category Target Script

```
use envent-cloud;

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

2.1.2.3 Collection client

2.1.2.3.1 client Tree Diagram
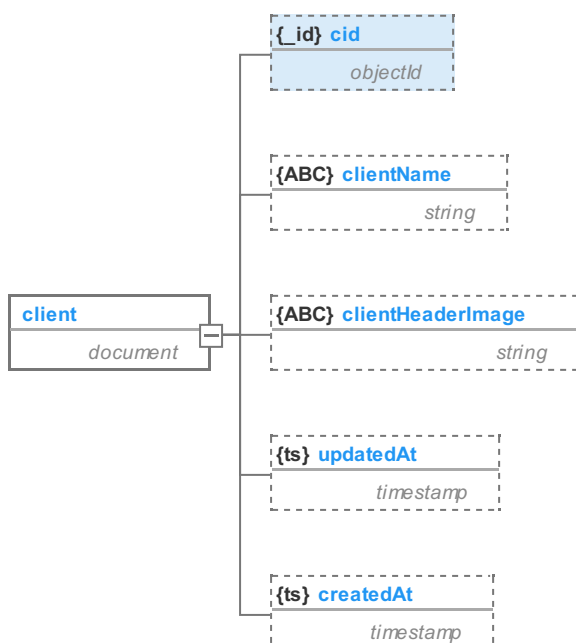
2.1.2.3.2 client Properties

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

2.1.2.3.3 client Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
cid	objectId	false			
clientName	string	false			
clientHeaderImage	string	false			
updatedAt	timestamp	false			
createdAt	timestamp	false			

2.1.2.3.3.1 Field cid

2.1.2.3.3.1.1 cid Tree Diagram

{_id} cid
document

2.1.2.3.3.1.2 cid properties

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

2.1.2.3.3.2 Field clientName

2.1.2.3.3.2.1 clientName Tree Diagram

{ABC} **clientName**
document

2.1.2.3.3.2.2 clientName properties

PROPERTY	VALUE
Name	clientName
Technical name	
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	

2.1.2.3.3.3 Field clientHeaderImage

2.1.2.3.3.3.1 clientHeaderImage Tree Diagram

```
{ABC} clientHeaderImage
                document
```

2.1.2.3.3.3.2 clientHeaderImage properties

PROPERTY	VALUE
Name	clientHeaderImage
Technical name	
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	

2.1.2.3.3.4 Field updatedAt

2.1.2.3.3.4.1 updatedAt Tree Diagram

```
{ts} updatedAt
          document
```

2.1.2.3.3.4.2 updatedAt properties

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

2.1.2.3.3.5 Field createdAt

2.1.2.3.3.5.1 createdAt Tree Diagram

{ts} createdAt
document

2.1.2.3.3.5.2 createdAt properties

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

2.1.2.3.4 client JSON Schema

```
{
   "$schema": "http://json-schema.org/draft-04/schema#",
   "type": "object",
   "title": "client",
   "additionalProperties": false,
   "properties": {
      "cid": {
         "type": "string",
         "pattern": "^[a-fA-F0-9]{24}$"
      },
      "clientName": {
         "type": "string"
      },
      "clientHeaderImage": {
         "type": "string"
      },
      "updatedAt": {
         "type": "string",
         "format": "date-time"
      },
      "createdAt": {
         "type": "string",
         "format": "date-time"
      }
   }
}
```

2.1.2.3.5 client JSON data

```
{
   "cid": ObjectId("507f1f77bcf86cd799439011"),
   "clientName": "Lorem",
   "clientHeaderImage": "Lorem",
   "updatedAt": Timestamp(1460127718,1),
   "createdAt": Timestamp(1460127718,1)
}
```

2.1.2.3.6 client Target Script

```
use envent-cloud;

db.createCollection( "client",{
  "storageEngine": {
    "wiredTiger": {}
  },
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "client",
      "additionalProperties": false,
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "cid": {
          "bsonType": "objectId"
        },
        "clientName": {
          "bsonType": "string"
        },
        "clientHeaderImage": {
          "bsonType": "string"
        },
        "updatedAt": {
          "bsonType": "timestamp"
        },
        "createdAt": {
          "bsonType": "timestamp"
        }
      }
    }
  },
  "validationLevel": "off",
  "validationAction": "warn"
});
```

2.1.2.4 Collection client_module

2.1.2.4.1 client_module Tree Diagram
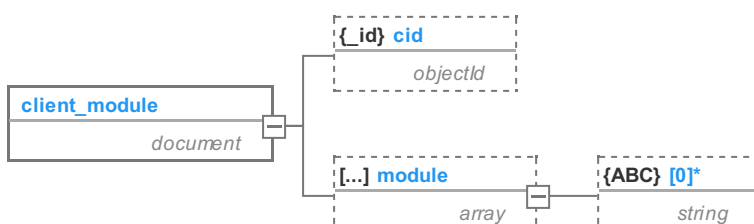
2.1.2.4.2 client_module Properties

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

2.1.2.4.3 client_module Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
cid	objectId	false			
module	array	false			
[0]	string	false			

2.1.2.4.3.1 Field cid

2.1.2.4.3.1.1 cid Tree Diagram

{_id} cid
document

2.1.2.4.3.1.2 cid properties

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

2.1.2.4.3.2 Field module

2.1.2.4.3.2.1 module Tree Diagram

```
[...] module          {ABC} [0]*
    document              string
```

2.1.2.4.3.2.2 module Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.4.3.2.3 module properties

PROPERTY	VALUE
Name	module
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	

2.1.2.4.3.3 Field [0]

2.1.2.4.3.3.1 [0] Tree Diagram

```
{ABC} [0]
    document
```
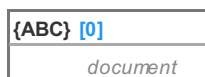
2.1.2.4.3.3.2 [0] properties

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	

2.1.2.4.4 client_module JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "client_module",
    "additionalProperties": false,
    "properties": {
        "cid": {
            "type": "string",
            "pattern": "^[a-fA-F0-9]{24}$"
        },
        "module": {
            "type": "array",
            "additionalItems": true,
            "uniqueItems": false,
            "items": {
                "type": "string"
            }
        }
    }
}
```

2.1.2.4.5 client_module JSON data

```
{
  "cid": ObjectId("507f1f77bcf86cd799439011"),
  "module": [
    "Lorem"
  ]
}
```

2.1.2.4.6 client_module Target Script

```
use envent-cloud;

db.createCollection( "client_module",{
  "storageEngine": {
    "wiredTiger": {}
  },
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "client_module",
      "additionalProperties": false,
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "cid": {
          "bsonType": "objectId"
        },
        "module": {
          "bsonType": "array",
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "bsonType": "string"
          }
        }
      }
    }
  },
  "validationLevel": "off",
  "validationAction": "warn"
});
```

2.1.2.5 Collection client_tenant_info

2.1.2.5.1 client_tenant_info Tree Diagram
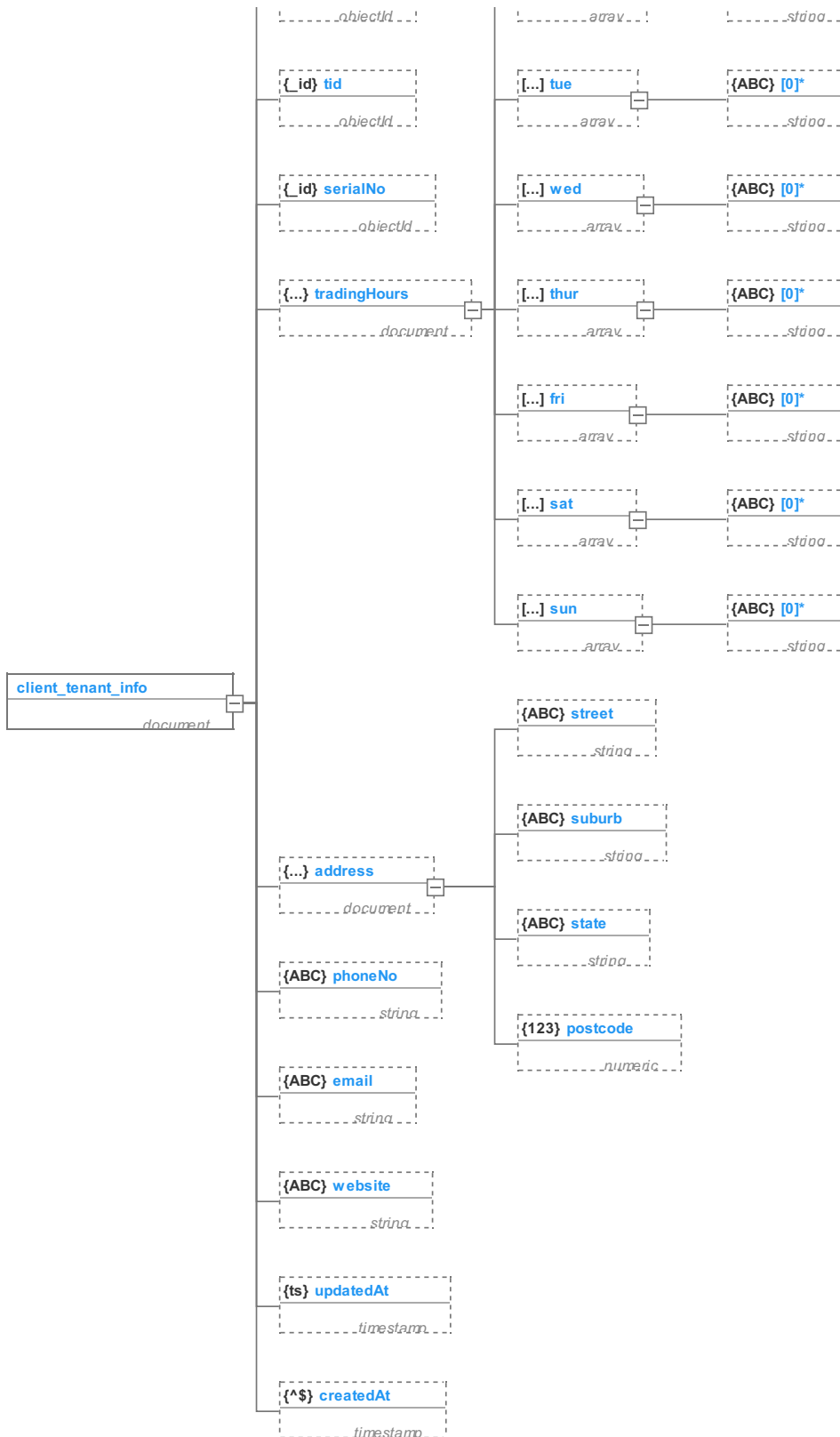
2.1.2.5.2 client_tenant_info Properties

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

2.1.2.5.3 client_tenant_info Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
cid	objectId	false			
tid	objectId	false			
serialNo	objectId	false			
tradingHours	document	false			
mon	array	false			
[0]	string	false			
tue	array	false			
[0]	string	false			
wed	array	false			
[0]	string	false			
thur	array	false			
[0]	string	false			
fri	array	false			
[0]	string	false			
sat	array	false			
[0]	string	false			
sun	array	false			
[0]	string	false			
address	document	false			
street	string	false			
suburb	string	false			
state	string	false			
postcode	numeric	false			
phoneNo	string	false			
email	string	false			
website	string	false			
updatedAt	timestamp	false			
createdAt	timestamp	false			

2.1.2.5.3.1 Field cid

2.1.2.5.3.1.1 cid Tree Diagram

{_id} cid

document

2.1.2.5.3.1.2 cid properties

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

2.1.2.5.3.2 Field tid

2.1.2.5.3.2.1 tid Tree Diagram

```
{_id} tid
     document
```

2.1.2.5.3.2.2 tid properties

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

2.1.2.5.3.3 Field serialNo

2.1.2.5.3.3.1 serialNo Tree Diagram

{_id} serialNo

document

2.1.2.5.3.3.2 serialNo properties

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

2.1.2.5.3.4 Field tradingHours

2.1.2.5.3.4.1 tradingHours Tree Diagram

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```
                    ┌─────────────┐
                    ┊[...] mon     ┊
                    ├─────────────┤
                    ┊    array     ┊
                    └─────────────┘

                    ┌─────────────┐
                    ┊[...] tue     ┊
                    ├─────────────┤
                    ┊    array     ┊
                    └─────────────┘

                    ┌─────────────┐
                    ┊[...] wed     ┊
                    ├─────────────┤
                    ┊    array     ┊
                    └─────────────┘

┌──────────────────┐   ┌─────────────┐
│{...} tradingHours│   ┊[...] thur    ┊
├──────────────────┤─┤ ├─────────────┤
│    document      │   ┊    array     ┊
└──────────────────┘   └─────────────┘

                    ┌─────────────┐
                    ┊[...] fri     ┊
                    ├─────────────┤
                    ┊    array     ┊
                    └─────────────┘

                    ┌─────────────┐
                    ┊[...] sat     ┊
                    ├─────────────┤
                    ┊    array     ┊
                    └─────────────┘

                    ┌─────────────┐
                    ┊[...] sun     ┊
                    ├─────────────┤
                    ┊    array     ┊
                    └─────────────┘
```
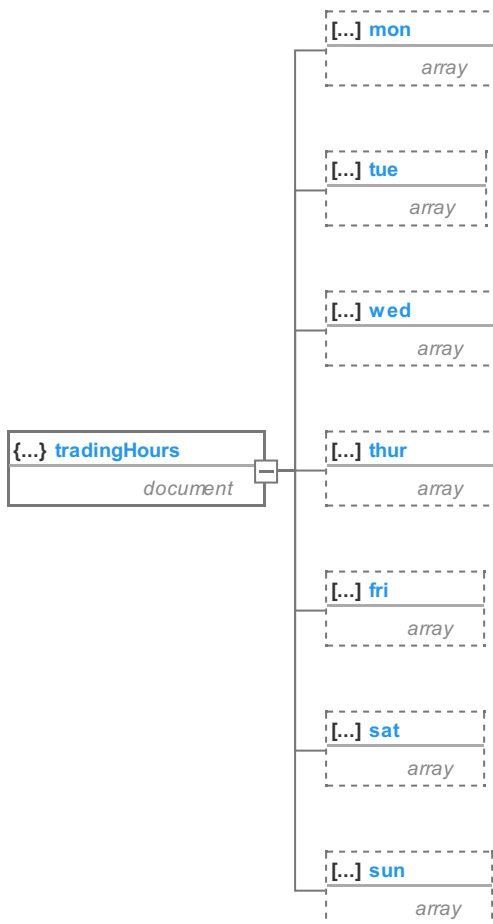
2.1.2.5.3.4.2 tradingHours Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
mon	array	false			
tue	array	false			
wed	array	false			
thur	array	false			
fri	array	false			
sat	array	false			
sun	array	false			

2.1.2.5.3.4.3 tradingHours properties

PROPERTY	VALUE
Name	tradingHours
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 mon

2.1.2.5.3.5.1 mon Tree Diagram

[...] **mon**		{ABC} **[0]***
document		*string*

2.1.2.5.3.5.2 mon Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.5.3.5.3 mon properties

PROPERTY	VALUE
Name	mon
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	

2.1.2.5.3.6 Field [0]

2.1.2.5.3.6.1 [0] Tree Diagram

{ABC} **[0]**
document

2.1.2.5.3.6.2 [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	

2.1.2.5.3.7 Field tue

2.1.2.5.3.7.1 tue Tree Diagram

```
[...] tue                    {ABC} [0]*
      document                      string
```
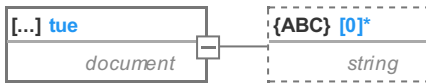
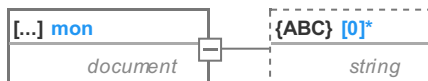### 2.1.2.5.3.7.2 tue Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.5.3.7.3 tue properties

PROPERTY	VALUE
Name	tue
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	

2.1.2.5.3.8 Field [0]

2.1.2.5.3.8.1 [0] Tree Diagram

```
{ABC} [0]
      document
```
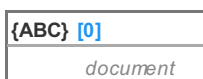
2.1.2.5.3.8.2 [0] properties

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	

2.1.2.5.3.9 Field wed

2.1.2.5.3.9.1 wed Tree Diagram

2.1.2.5.3.9.2 wed Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.5.3.9.3 wed properties

PROPERTY	VALUE
Name	wed
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	

### 2.1.2.5.3.10 Field [0]

2.1.2.5.3.10.1 [0] Tree Diagram

{ABC} [0]
document

2.1.2.5.3.10.2 [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	

2.1.2.5.3.11 Field thur

2.1.2.5.3.11.1 thur Tree Diagram
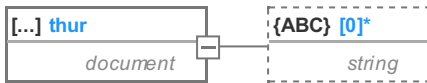
2.1.2.5.3.11.2 thur Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.5.3.11.3 thur properties

PROPERTY	VALUE
Name	thur
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	

2.1.2.5.3.12 Field [0]
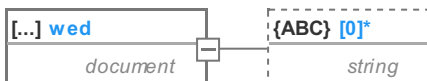
2.1.2.5.3.12.1 [0] Tree Diagram
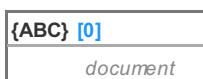
2.1.2.5.3.12.2 [0] properties

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	

2.1.2.5.3.13 Field fri

2.1.2.5.3.13.1 fri Tree Diagram

2.1.2.5.3.13.2 fri Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.5.3.13.3 fri properties

PROPERTY	VALUE
Name	fri
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	

### 2.1.2.5.3.14 Field [0]

2.1.2.5.3.14.1 [0] Tree Diagram

{ABC} [0]
document

2.1.2.5.3.14.2 [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	

2.1.2.5.3.15 Field sat

2.1.2.5.3.15.1 sat Tree Diagram
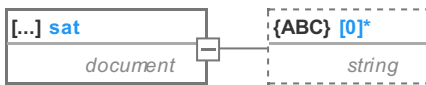
2.1.2.5.3.15.2 sat Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.5.3.15.3 sat properties

PROPERTY	VALUE
Name	sat
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	

2.1.2.5.3.16 Field [0]

2.1.2.5.3.16.1 [0] Tree Diagram
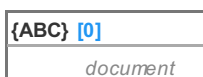
2.1.2.5.3.16.2 [0] properties

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	

2.1.2.5.3.17 Field sun

2.1.2.5.3.17.1 sun Tree Diagram

2.1.2.5.3.17.2 sun Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.5.3.17.3 sun properties

PROPERTY	VALUE
Name	sun
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	

### 2.1.2.5.3.18 Field [0]

2.1.2.5.3.18.1 [0] Tree Diagram

{ABC} [0]
document

2.1.2.5.3.18.2 [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	

2.1.2.5.3.19 Field address

2.1.2.5.3.19.1 address Tree Diagram

```
                    {ABC} street
                  ┌─────────────────────┐
                  │        string       │
                  └─────────────────────┘

                    {ABC} suburb
                  ┌─────────────────────┐
                  │        string       │
                  └─────────────────────┘
  {...} address ──┤
     document        {ABC} state
                  ┌─────────────────────┐
                  │        string       │
                  └─────────────────────┘

                    {123} postcode
                  ┌─────────────────────┐
                  │        numeric      │
                  └─────────────────────┘
```
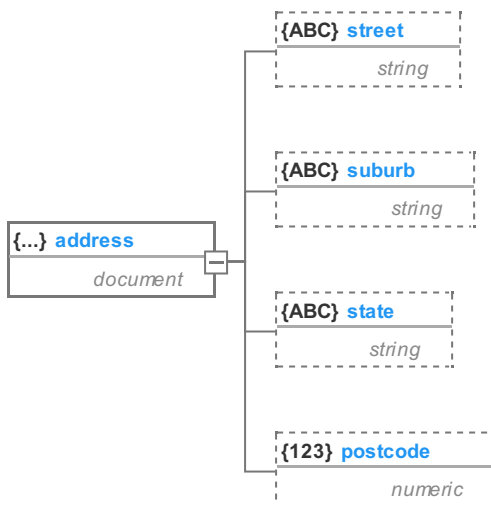
2.1.2.5.3.19.2 address Hierarchy

Parent field: **client_tenant_info**
Child field(s):
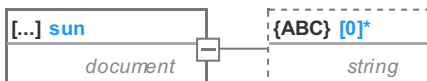
FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
street	string	false			
suburb	string	false			
state	string	false			
postcode	numeric	false			

2.1.2.5.3.19.3 address properties

PROPERTY	VALUE
Name	address
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	

2.1.2.5.3.20 Field street

2.1.2.5.3.20.1 street Tree Diagram

{ABC} **street**
document

2.1.2.5.3.20.2 street properties

PROPERTY	VALUE
Name	street
Technical name	
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	

2.1.2.5.3.21 Field suburb

2.1.2.5.3.21.1 suburb Tree Diagram

{ABC} **suburb**
document

2.1.2.5.3.21.2 suburb properties

PROPERTY	VALUE
Name	suburb
Technical name	
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	

2.1.2.5.3.22 Field state

2.1.2.5.3.22.1 state Tree Diagram

{ABC} state
document

2.1.2.5.3.22.2 state properties

PROPERTY	VALUE
Name	state
Technical name	
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	

2.1.2.5.3.23 Field postcode

2.1.2.5.3.23.1 postcode Tree Diagram

{123} **postcode**
document

2.1.2.5.3.23.2 postcode properties

PROPERTY	VALUE
Name	postcode
Technical name	
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	false
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	

2.1.2.5.3.24 Field phoneNo

2.1.2.5.3.24.1 phoneNo Tree Diagram

{ABC} phoneNo
document

2.1.2.5.3.24.2 phoneNo properties

PROPERTY	VALUE
Name	phoneNo
Technical name	
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	

2.1.2.5.3.25 Field email

2.1.2.5.3.25.1 email Tree Diagram

{ABC} email
document

2.1.2.5.3.25.2 email properties

PROPERTY	VALUE
Name	email
Technical name	
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	

2.1.2.5.3.26 Field website

2.1.2.5.3.26.1 website Tree Diagram

{ABC} website
document

2.1.2.5.3.26.2 website properties

PROPERTY	VALUE
Name	website
Technical name	
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	

2.1.2.5.3.27 Field updatedAt

2.1.2.5.3.27.1 updatedAt Tree Diagram

{ts} **updatedAt**
document

2.1.2.5.3.27.2 updatedAt properties

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

2.1.2.5.3.28 Field createdAt

2.1.2.5.3.28.1 createdAt Tree Diagram

```
{ts} createdAt
          document
```

2.1.2.5.3.28.2 createdAt properties

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

2.1.2.5.4 client_tenant_info JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "client_tenant_info",
  "additionalProperties": false,
  "properties": {
    "cid": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "tid": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "serialNo": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "tradingHours": {
      "type": "object",
      "properties": {
        "mon": {
          "type": "array",
```

```
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "type": "string"
          }
        },
        "tue": {
          "type": "array",
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "type": "string"
          }
        },
        "wed": {
          "type": "array",
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "type": "string"
          }
        },
        "thur": {
          "type": "array",
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "type": "string"
          }
        },
        "fri": {
          "type": "array",
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "type": "string"
          }
        },
        "sat": {
          "type": "array",
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "type": "string"
          }
        },
        "sun": {
          "type": "array",
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "type": "string"
          }
        }
      },
      "additionalProperties": false
```

```
      },
      "address": {
        "type": "object",
        "properties": {
          "street": {
            "type": "string"
          },
          "suburb": {
            "type": "string"
          },
          "state": {
            "type": "string"
          },
          "postcode": {
            "type": "number"
          }
        },
        "additionalProperties": false
      },
      "phoneNo": {
        "type": "string"
      },
      "email": {
        "type": "string"
      },
      "website": {
        "type": "string"
      },
      "updatedAt": {
        "type": "string",
        "format": "date-time"
      }
    },
    "patternProperties": {
      "createdAt": {
        "type": "string",
        "format": "date-time"
      }
    }
  }
}
```

2.1.2.5.5 client_tenant_info JSON data

```
{
   "cid": ObjectId("507f1f77bcf86cd799439011"),
   "tid": ObjectId("507f1f77bcf86cd799439011"),
   "serialNo": ObjectId("507f1f77bcf86cd799439011"),
   "tradingHours": {
      "mon": [
         "Lorem"
      ],
      "tue": [
         "Lorem"
      ],
      "wed": [
         "Lorem"
      ],
      "thur": [
         "Lorem"
      ],
      "fri": [
         "Lorem"
      ],
      "sat": [
         "Lorem"
      ],
      "sun": [
         "Lorem"
      ]
   },
   "address": {
      "street": "Lorem",
      "suburb": "Lorem",
      "state": "Lorem",
      "postcode": -60
   },
   "phoneNo": "Lorem",
   "email": "Lorem",
   "website": "Lorem",
   "updatedAt": Timestamp(1460127718,1)
}
```

2.1.2.5.6 client_tenant_info Target Script

```
use envent-cloud;

db.createCollection( "client_tenant_info",{
   "storageEngine": {
      "wiredTiger": {}
   },
   "capped": false,
   "validator": {
      "$jsonSchema": {
```

```
        "bsonType": "object",
        "title": "client_tenant_info",
        "additionalProperties": false,
        "properties": {
          "_id": {
            "bsonType": "objectId"
          },
          "cid": {
            "bsonType": "objectId"
          },
          "tid": {
            "bsonType": "objectId"
          },
          "serialNo": {
            "bsonType": "objectId"
          },
          "tradingHours": {
            "bsonType": "object",
            "properties": {
              "mon": {
                "bsonType": "array",
                "additionalItems": true,
                "uniqueItems": false,
                "items": {
                  "bsonType": "string"
                }
              },
              "tue": {
                "bsonType": "array",
                "additionalItems": true,
                "uniqueItems": false,
                "items": {
                  "bsonType": "string"
                }
              },
              "wed": {
                "bsonType": "array",
                "additionalItems": true,
                "uniqueItems": false,
                "items": {
                  "bsonType": "string"
                }
              },
              "thur": {
                "bsonType": "array",
                "additionalItems": true,
                "uniqueItems": false,
                "items": {
                  "bsonType": "string"
                }
              },
              "fri": {
                "bsonType": "array",
                "additionalItems": true,
                "uniqueItems": false,
                "items": {
```

```
                              "bsonType": "string"
                          }
                      },
                      "sat": {
                          "bsonType": "array",
                          "additionalItems": true,
                          "uniqueItems": false,
                          "items": {
                              "bsonType": "string"
                          }
                      },
                      "sun": {
                          "bsonType": "array",
                          "additionalItems": true,
                          "uniqueItems": false,
                          "items": {
                              "bsonType": "string"
                          }
                      }
                  },
                  "additionalProperties": false
              },
              "address": {
                  "bsonType": "object",
                  "properties": {
                      "street": {
                          "bsonType": "string"
                      },
                      "suburb": {
                          "bsonType": "string"
                      },
                      "state": {
                          "bsonType": "string"
                      },
                      "postcode": {
                          "bsonType": "number"
                      }
                  },
                  "additionalProperties": false
              },
              "phoneNo": {
                  "bsonType": "string"
              },
              "email": {
                  "bsonType": "string"
              },
              "website": {
                  "bsonType": "string"
              },
              "updatedAt": {
                  "bsonType": "timestamp"
              }
          },
          "patternProperties": {
              "createdAt": {
                  "bsonType": "timestamp"
```
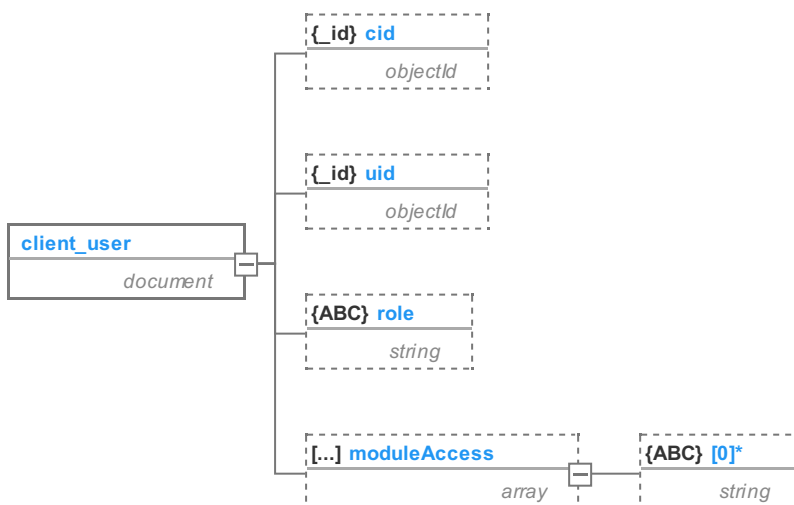
```
            }
          }
        }
      },
      "validationLevel": "off",
      "validationAction": "warn"
});
```

2.1.2.6 Collection client_user

2.1.2.6.1 client_user Tree Diagram

2.1.2.6.2 client_user Properties

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

2.1.2.6.3 client_user Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
cid	objectId	false			
uid	objectId	false			
role	string	false			
moduleAccess	array	false			
[0]	string	false			

2.1.2.6.3.1 Field cid

2.1.2.6.3.1.1 cid Tree Diagram

```
{_id} cid
        document
```

2.1.2.6.3.1.2 cid properties

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

2.1.2.6.3.2 Field uid

2.1.2.6.3.2.1 uid Tree Diagram

```
{_id} uid
        document
```

2.1.2.6.3.2.2 uid properties

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

2.1.2.6.3.3 Field role

2.1.2.6.3.3.1 role Tree Diagram

{ABC} role
document

2.1.2.6.3.3.2 role properties

PROPERTY	VALUE
Name	role
Technical name	
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	

2.1.2.6.3.4 Field moduleAccess

2.1.2.6.3.4.1 moduleAccess Tree Diagram
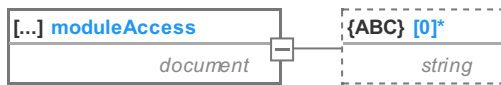
2.1.2.6.3.4.2 moduleAccess Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	string	false			

2.1.2.6.3.4.3 moduleAccess properties

PROPERTY	VALUE
Name	moduleAccess
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	

2.1.2.6.3.5 Field [0]

2.1.2.6.3.5.1 [0] Tree Diagram

2.1.2.6.3.5.2 [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	

2.1.2.6.4 client_user JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "client_user",
    "additionalProperties": false,
    "properties": {
        "cid": {
            "type": "string",
            "pattern": "^[a-fA-F0-9]{24}$"
        },
        "uid": {
            "type": "string",
            "pattern": "^[a-fA-F0-9]{24}$"
        },
        "role": {
            "type": "string"
        },
        "moduleAccess": {
            "type": "array",
            "additionalItems": true,
            "uniqueItems": false,
            "items": {
                "type": "string"
            }
        }
    }
}
```

2.1.2.6.5 client_user JSON data

```
{
    "cid": ObjectId("507f1f77bcf86cd799439011"),
    "uid": ObjectId("507f1f77bcf86cd799439011"),
    "role": "Lorem",
    "moduleAccess": [
        "Lorem"
    ]
}
```

2.1.2.6.6 client_user Target Script
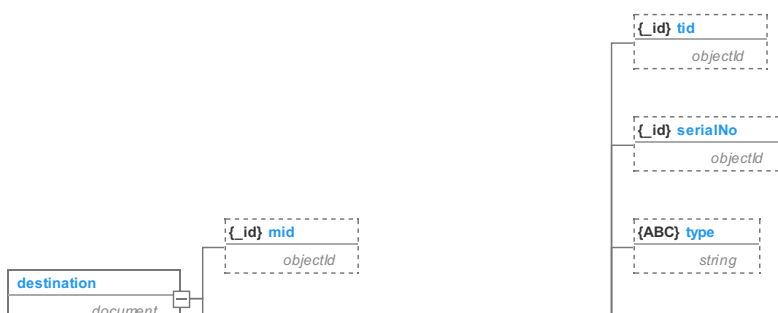
```
use envent-cloud;

db.createCollection( "client_user",{
  "storageEngine": {
    "wiredTiger": {}
  },
  "capped": false,
  "validator": {
    "$jsonSchema": {
      "bsonType": "object",
      "title": "client_user",
      "additionalProperties": false,
      "properties": {
        "_id": {
          "bsonType": "objectId"
        },
        "cid": {
          "bsonType": "objectId"
        },
        "uid": {
          "bsonType": "objectId"
        },
        "role": {
          "bsonType": "string"
        },
        "moduleAccess": {
          "bsonType": "array",
          "additionalItems": true,
          "uniqueItems": false,
          "items": {
            "bsonType": "string"
          }
        }
      }
    }
  },
  "validationLevel": "off",
  "validationAction": "warn"
});
```
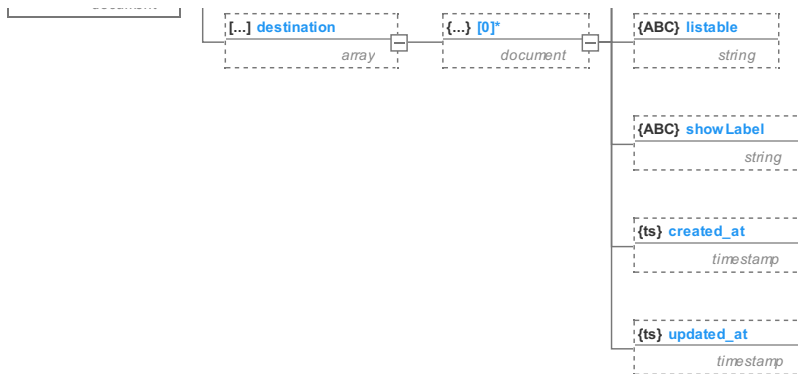
2.1.2.7 Collection destination

### 2.1.2.7.1 destination Tree Diagram

[...] **destination**	{...} **[0]***	{ABC} **listable**
array	*document*	*string*

{ABC} **showLabel**
string

{ts} **created_at**
timestamp

{ts} **updated_at**
timestamp

2.1.2.7.2 destination Properties

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

2.1.2.7.3 destination Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
mid	objectId	false			
destination	array	false			
[0]	document	false			
tid	objectId	false			
serialNo	objectId	false			
type	string	false			
listable	string	false			
showLabel	string	false			
created_at	timestamp	false			
updated_at	timestamp	false			

### 2.1.2.7.3.1 Field mid

2.1.2.7.3.1.1 mid Tree Diagram

```
{_id} mid
        document
```
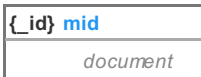
2.1.2.7.3.1.2 mid properties

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

2.1.2.7.3.2 Field destination

2.1.2.7.3.2.1 destination Tree Diagram

```
[...] destination          {...} [0]*
        document              document
```
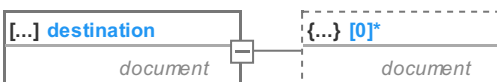
2.1.2.7.3.2.2 destination Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.7.3.2.3 destination properties

PROPERTY	VALUE
Name	destination
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	

2.1.2.7.3.3 Field [0]

2.1.2.7.3.3.1 [0] Tree Diagram

```
{_id} tid
     objectId

{_id} serialNo
     objectId

{ABC} type
     string

{...} [0] ──[-]── {ABC} listable
document            string

{ABC} showLabel
     string

{ts} created_at
     timestamp

{ts} updated_at
     timestamp
```

2.1.2.7.3.3.2 [0] Hierarchy

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

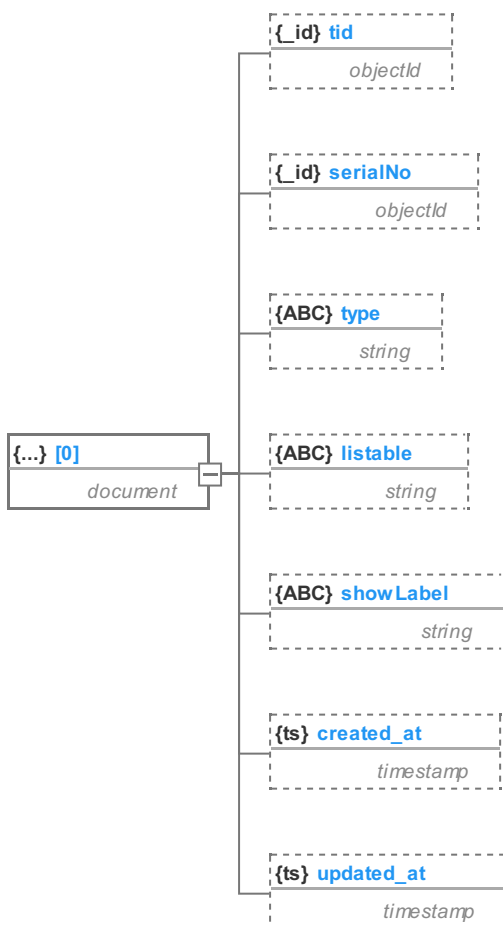| FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
tid	objectId	false	fk		
serialNo	objectId	false	fk		
type	string	false			
listable	string	false			
showLabel	string	false			
created_at	timestamp	false			
updated_at	timestamp	false			

2.1.2.7.3.3.3 [0] properties

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

2.1.2.7.3.4 Field tid

2.1.2.7.3.4.1 tid Tree Diagram

{_id} tid
document

2.1.2.7.3.4.2 tid properties

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

2.1.2.7.3.5 Field serialNo

2.1.2.7.3.5.1 serialNo Tree Diagram

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```
{_id} serialNo
        document
```

2.1.2.7.3.5.2 serialNo properties

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

2.1.2.7.3.6 Field type

2.1.2.7.3.6.1 type Tree Diagram

```
{ABC} type
        document
```

2.1.2.7.3.6.2 type properties

PROPERTY	VALUE
Name	type
Technical name	
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	

2.1.2.7.3.7 Field listable

2.1.2.7.3.7.1 listable Tree Diagram

{ABC} listable
document

2.1.2.7.3.7.2 listable properties

PROPERTY	VALUE
Name	listable
Technical name	
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	

2.1.2.7.3.8 Field showLabel

2.1.2.7.3.8.1 showLabel Tree Diagram

{ABC} showLabel
document

2.1.2.7.3.8.2 showLabel properties

PROPERTY	VALUE
Name	showLabel
Technical name	
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	

2.1.2.7.3.9 Field created_at

2.1.2.7.3.9.1 created_at Tree Diagram

{ts} **created_at**
document

2.1.2.7.3.9.2 created_at properties

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

2.1.2.7.3.10 Field updated_at

2.1.2.7.3.10.1 updated_at Tree Diagram

```
{ts} updated_at
           document
```

2.1.2.7.3.10.2 updated_at properties

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

2.1.2.7.4 destination JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "destination",
    "additionalProperties": false,
    "properties": {
        "mid": {
            "type": "string",
            "pattern": "^[a-fA-F0-9]{24}$"
        },
        "destination": {
            "type": "array",
            "additionalItems": true,
            "uniqueItems": false,
            "items": {
                "type": "object",
                "properties": {
                    "tid": {
                        "type": "string",
                        "pattern": "^[a-fA-F0-9]{24}$"
                    },
                    "serialNo": {
                        "type": "string",
                        "pattern": "^[a-fA-F0-9]{24}$"
                    },
                    "type": {
                        "type": "string"
                    },
                    "listable": {
                        "type": "string"
                    },
                    "showLabel": {
                        "type": "string"
                    },
                    "created_at": {
                        "type": "string",
                        "format": "date-time"
                    },
                    "updated_at": {
                        "type": "string",
                        "format": "date-time"
                    }
                },
                "additionalProperties": false
            }
        }
    }
}
```

2.1.2.7.5 destination JSON data

```
{
   "mid": ObjectId("507f1f77bcf86cd799439011"),
   "destination": [
      {
         "tid": ObjectId("507f1f77bcf86cd799439011"),
         "serialNo": ObjectId("507f1f77bcf86cd799439011"),
         "type": "Lorem",
         "listable": "Lorem",
         "showLabel": "Lorem",
         "created_at": Timestamp(1460127718,1),
         "updated_at": Timestamp(1460127718,1)
      }
   ]
}
```

2.1.2.7.6 destination Target Script

```
use envent-cloud;

db.createCollection( "destination",{
   "storageEngine": {
      "wiredTiger": {}
   },
   "capped": false,
   "validator": {
      "$jsonSchema": {
         "bsonType": "object",
         "title": "destination",
         "additionalProperties": false,
         "properties": {
            "_id": {
               "bsonType": "objectId"
            },
            "mid": {
               "bsonType": "objectId"
            },
            "destination": {
               "bsonType": "array",
               "additionalItems": true,
               "uniqueItems": false,
               "items": {
                  "bsonType": "object",
                  "properties": {
                     "tid": {
                        "bsonType": "objectId"
                     },
                     "serialNo": {
                        "bsonType": "objectId"
                     },
                     "type": {
```

```
                "bsonType": "string"
              },
              "listable": {
                "bsonType": "string"
              },
              "showLabel": {
                "bsonType": "string"
              },
              "created_at": {
                "bsonType": "timestamp"
              },
              "updated_at": {
                "bsonType": "timestamp"
              }
            },
            "additionalProperties": false
          }
        }
      }
    },
    "validationLevel": "off",
    "validationAction": "warn"
});
```
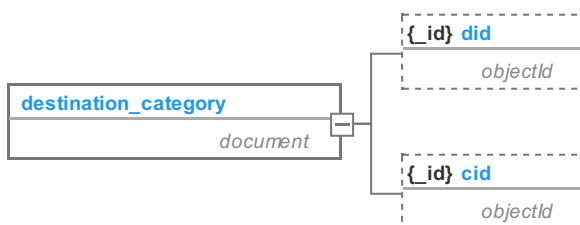
2.1.2.8 Collection destination_category

2.1.2.8.1 destination_category Tree Diagram

2.1.2.8.2 destination_category Properties

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

2.1.2.8.3 destination_category Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
did	objectId	false			
cid	objectId	false			

2.1.2.8.3.1 Field did

2.1.2.8.3.1.1 did Tree Diagram

{_id} did
document

2.1.2.8.3.1.2 did properties

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

2.1.2.8.3.2 Field cid

2.1.2.8.3.2.1 cid Tree Diagram

```
{_id} cid
        document
```

2.1.2.8.3.2.2 cid properties

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

2.1.2.8.4 destination_category JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "destination_category",
  "additionalProperties": false,
  "properties": {
    "did": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "cid": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    }
  }
}
```

2.1.2.8.5 destination_category JSON data

```
{
    "did": ObjectId("507f1f77bcf86cd799439011"),
    "cid": ObjectId("507f1f77bcf86cd799439011")
}
```

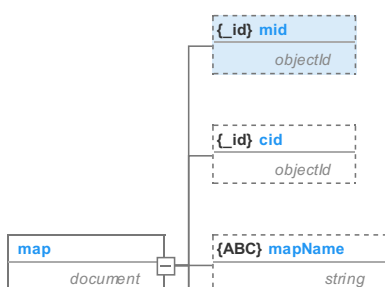### 2.1.2.8.6 destination_category Target Script
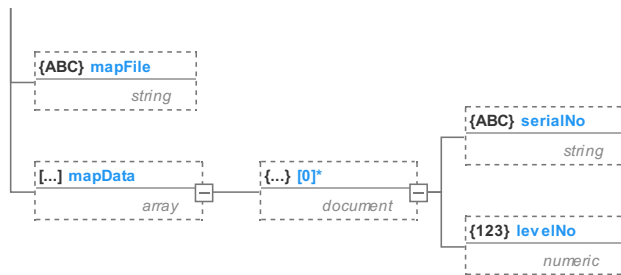
```
use envent-cloud;

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

2.1.2.9 Collection map

2.1.2.9.1 map Tree Diagram

```
{ABC} mapFile                      {ABC} serialNo
      string                              string
[...] mapData    {...} [0]*
      array            document     {123} levelNo
                                          numeric
```

2.1.2.9.2 map Properties
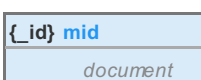
PROPERTY	VALUE
Collection name	map
Technical name	
Id	
Description	
Database	envent-cloud
Capped	false
Size	
Max	
Storage engine	WiredTiger
Config String	
Validation level	Off
Validation action	Warn
Additional properties	false
Comments	

2.1.2.9.3 map Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
mid	objectId	false			
cid	objectId	false			
mapName	string	false			
mapFile	string	false			
mapData	array	false			
[0]	document	false			
serialNo	string	false			
levelNo	numeric	false			

2.1.2.9.3.1 Field mid

2.1.2.9.3.1.1 mid Tree Diagram

```
{_id} mid
      document
```

2.1.2.9.3.1.2 mid properties

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

2.1.2.9.3.2 Field cid

2.1.2.9.3.2.1 cid Tree Diagram

```
{_id} cid
      document
```

2.1.2.9.3.2.2 cid properties

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

2.1.2.9.3.3 Field mapName

2.1.2.9.3.3.1 mapName Tree Diagram

{ABC} **mapName**
document

2.1.2.9.3.3.2 mapName properties

PROPERTY	VALUE
Name	mapName
Technical name	
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	

2.1.2.9.3.4 Field mapFile

2.1.2.9.3.4.1 mapFile Tree Diagram

{ABC} **mapFile**
document

2.1.2.9.3.4.2 mapFile properties

PROPERTY	VALUE
Name	mapFile
Technical name	
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	

2.1.2.9.3.5 Field mapData

2.1.2.9.3.5.1 mapData Tree Diagram

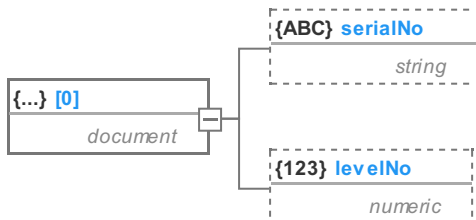### 2.1.2.9.3.5.2 mapData Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
[0]	document	false			

2.1.2.9.3.5.3 mapData properties

PROPERTY	VALUE
Name	mapData
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	

2.1.2.9.3.6 Field [0]

2.1.2.9.3.6.1 [0] Tree Diagram

2.1.2.9.3.6.2 [0] Hierarchy

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

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
serialNo	string	false	fk		
levelNo	numeric	false			

2.1.2.9.3.6.3 [0] properties

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

2.1.2.9.3.7 Field serialNo

2.1.2.9.3.7.1 serialNo Tree Diagram

{ABC} serialNo
document

2.1.2.9.3.7.2 serialNo properties

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

2.1.2.9.3.8 Field levelNo

2.1.2.9.3.8.1 levelNo Tree Diagram

{123} **levelNo**
document

2.1.2.9.3.8.2 levelNo properties

PROPERTY	VALUE
Name	levelNo
Technical name	
Id	
Type	numeric
Subtype	
Description	
Dependencies	
Required	false
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	

2.1.2.9.4 map JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "map",
  "additionalProperties": false,
  "properties": {
    "mid": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "cid": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "mapName": {
      "type": "string"
    },
    "mapFile": {
      "type": "string"
    },
    "mapData": {
      "type": "array",
      "additionalItems": true,
      "uniqueItems": false,
      "items": {
        "type": "object",
        "properties": {
          "serialNo": {
            "type": "string"
          },
          "levelNo": {
            "type": "number"
          }
        },
        "additionalProperties": false
      }
    }
  }
}
```

2.1.2.9.5 map JSON data

```
{
  "mid": ObjectId("507f1f77bcf86cd799439011"),
  "cid": ObjectId("507f1f77bcf86cd799439011"),
  "mapName": "Lorem",
  "mapFile": "Lorem",
  "mapData": [
    {
      "serialNo": "Lorem",
      "levelNo": 94
    }
  ]
}
```

2.1.2.9.6 map Target Script

```
use envent-cloud;

db.createCollection( "map",{
    "storageEngine": {
        "wiredTiger": {}
    },
    "capped": false,
    "validator": {
        "$jsonSchema": {
            "bsonType": "object",
            "title": "map",
            "additionalProperties": false,
            "properties": {
                "_id": {
                    "bsonType": "objectId"
                },
                "mid": {
                    "bsonType": "objectId"
                },
                "cid": {
                    "bsonType": "objectId"
                },
                "mapName": {
                    "bsonType": "string"
                },
                "mapFile": {
                    "bsonType": "string"
                },
                "mapData": {
                    "bsonType": "array",
                    "additionalItems": true,
                    "uniqueItems": false,
                    "items": {
                        "bsonType": "object",
                        "properties": {
                            "serialNo": {
                                "bsonType": "string"
                            },
                            "levelNo": {
                                "bsonType": "number"
                            }
                        },
                        "additionalProperties": false
                    }
                }
            }
        }
    },
    "validationLevel": "off",
    "validationAction": "warn"
});
```

2.1.2.10 Collection tenant

## 2.1.2.10.1 tenant Tree Diagram
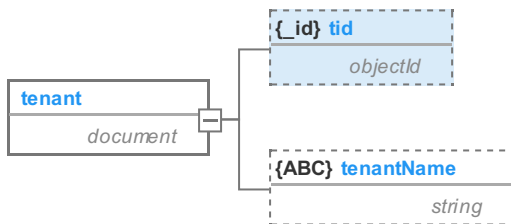
2.1.2.10.2 tenant Properties

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

2.1.2.10.3 tenant Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
tid	objectId	false			
tenantName	string	false			

2.1.2.10.3.1 Field tid

2.1.2.10.3.1.1 tid Tree Diagram
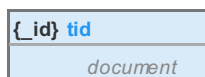
2.1.2.10.3.1.2 tid properties

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

2.1.2.10.3.2 Field tenantName

2.1.2.10.3.2.1 tenantName Tree Diagram

{ABC} tenantName
document

2.1.2.10.3.2.2 tenantName properties

PROPERTY	VALUE
Name	tenantName
Technical name	
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	

2.1.2.10.4 tenant JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "tenant",
  "additionalProperties": false,
  "properties": {
    "tid": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "tenantName": {
      "type": "string"
    }
  }
}
```

2.1.2.10.5 tenant JSON data

```
{
  "tid": ObjectId("507f1f77bcf86cd799439011"),
  "tenantName": "Lorem"
}
```

2.1.2.10.6 tenant Target Script
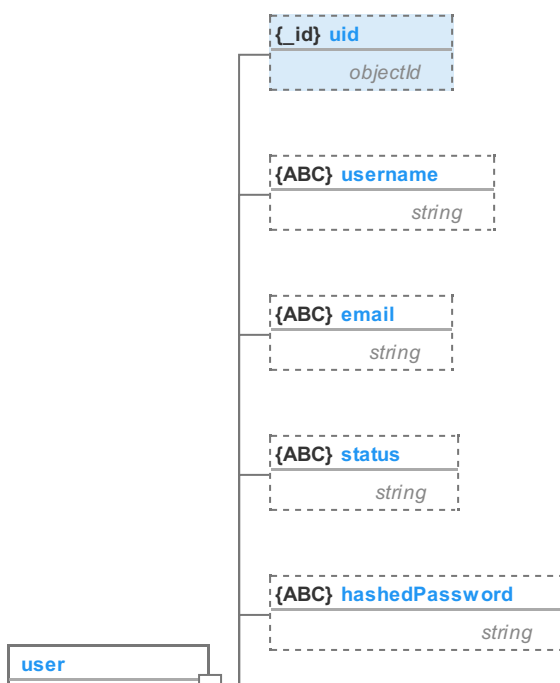
```
use envent-cloud;

db.createCollection( "tenant",{
    "storageEngine": {
        "wiredTiger": {}
    },
    "capped": false,
    "validator": {
        "$jsonSchema": {
            "bsonType": "object",
            "title": "tenant",
            "additionalProperties": false,
            "properties": {
                "_id": {
                    "bsonType": "objectId"
                },
                "tid": {
                    "bsonType": "objectId"
                },
                "tenantName": {
                    "bsonType": "string"
                }
            }
        }
    },
    "validationLevel": "off",
    "validationAction": "warn"
});
```
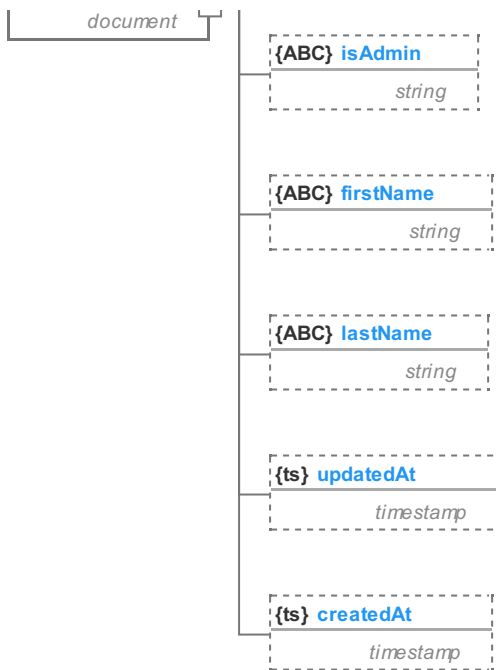
2.1.2.11 Collection user

2.1.2.11.1 user Tree Diagram

```
  document ⌐⌐
                ┌────────────────────┐
                ┆ {ABC} isAdmin      ┆
                ┆┌──────────────────┐┆
                ┆┆         string   ┆┆
                ┆└──────────────────┘┆
                └────────────────────┘

                ┌────────────────────┐
                ┆ {ABC} firstName    ┆
                ┆┌──────────────────┐┆
                ┆┆         string   ┆┆
                ┆└──────────────────┘┆
                └────────────────────┘

                ┌────────────────────┐
                ┆ {ABC} lastName     ┆
                ┆┌──────────────────┐┆
                ┆┆         string   ┆┆
                ┆└──────────────────┘┆
                └────────────────────┘

                ┌────────────────────┐
                ┆ {ts} updatedAt     ┆
                ┆┌──────────────────┐┆
                ┆┆        timestamp ┆┆
                ┆└──────────────────┘┆
                └────────────────────┘

                ┌────────────────────┐
                ┆ {ts} createdAt     ┆
                ┆┌──────────────────┐┆
                ┆┆        timestamp ┆┆
                ┆└──────────────────┘┆
                └────────────────────┘
```

2.1.2.11.2 user Properties

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

2.1.2.11.3 user Fields

FIELD	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
uid	objectId	false			
username	string	false			
email	string	false			
status	string	false			
hashedPassword	string	false			
isAdmin	string	false			
firstName	string	false			
lastName	string	false			
updatedAt	timestamp	false			
createdAt	timestamp	false			

2.1.2.11.3.1 Field uid

2.1.2.11.3.1.1 uid Tree Diagram

{_id} **uid**
document

2.1.2.11.3.1.2 uid properties

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

2.1.2.11.3.2 Field username

2.1.2.11.3.2.1 username Tree Diagram

{ABC} **username**
document

2.1.2.11.3.2.2 username properties

PROPERTY	VALUE
Name	username
Technical name	
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	

2.1.2.11.3.3 Field email

2.1.2.11.3.3.1 email Tree Diagram

{ABC} email
document

2.1.2.11.3.3.2 email properties

PROPERTY	VALUE
Name	email
Technical name	
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	

2.1.2.11.3.4 Field status

2.1.2.11.3.4.1 status Tree Diagram

{ABC} status
document

2.1.2.11.3.4.2 status properties

PROPERTY	VALUE
Name	status
Technical name	
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	

2.1.2.11.3.5 Field hashedPassword

2.1.2.11.3.5.1 hashedPassword Tree Diagram

{ABC} hashedPassword
document

2.1.2.11.3.5.2 hashedPassword properties

PROPERTY	VALUE
Name	hashedPassword
Technical name	
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	

2.1.2.11.3.6 Field isAdmin

2.1.2.11.3.6.1 isAdmin Tree Diagram

{ABC} isAdmin
document

2.1.2.11.3.6.2 isAdmin properties

PROPERTY	VALUE
Name	isAdmin
Technical name	
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	

2.1.2.11.3.7 Field firstName

2.1.2.11.3.7.1 firstName Tree Diagram

{ABC} firstName
document

2.1.2.11.3.7.2 firstName properties

PROPERTY	VALUE
Name	firstName
Technical name	
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	

2.1.2.11.3.8 Field lastName

2.1.2.11.3.8.1 lastName Tree Diagram

{ABC} lastName
document

2.1.2.11.3.8.2 lastName properties

PROPERTY	VALUE
Name	lastName
Technical name	
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	

2.1.2.11.3.9 Field updatedAt

2.1.2.11.3.9.1 updatedAt Tree Diagram

{ts} **updatedAt**
document

2.1.2.11.3.9.2 updatedAt properties

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

2.1.2.11.3.10 Field createdAt

2.1.2.11.3.10.1 createdAt Tree Diagram

{ts} **createdAt**
document

2.1.2.11.3.10.2 createdAt properties

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

2.1.2.11.4 user JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "user",
    "additionalProperties": false,
    "properties": {
        "uid": {
            "type": "string",
            "pattern": "^[a-fA-F0-9]{24}$"
        },
        "username": {
            "type": "string"
        },
        "email": {
            "type": "string"
        },
        "status": {
            "type": "string"
        },
        "hashedPassword": {
            "type": "string"
        },
        "isAdmin": {
            "type": "string"
        },
        "firstName": {
            "type": "string"
        },
        "lastName": {
            "type": "string"
        },
        "updatedAt": {
            "type": "string",
            "format": "date-time"
        },
        "createdAt": {
            "type": "string",
            "format": "date-time"
        }
    }
}
```

2.1.2.11.5 user JSON data

```
{
    "uid": ObjectId("507f1f77bcf86cd799439011"),
    "username": "Lorem",
    "email": "Lorem",
    "status": "Lorem",
    "hashedPassword": "Lorem",
    "isAdmin": "Lorem",
    "firstName": "Lorem",
    "lastName": "Lorem",
    "updatedAt": Timestamp(1460127718,1),
    "createdAt": Timestamp(1460127718,1)
}
```

2.1.2.11.6 user Target Script

```
use envent-cloud;

db.createCollection( "user",{
    "storageEngine": {
        "wiredTiger": {}
    },
    "capped": false,
    "validator": {
        "$jsonSchema": {
            "bsonType": "object",
            "title": "user",
            "additionalProperties": false,
            "properties": {
                "_id": {
                    "bsonType": "objectId"
                },
                "uid": {
                    "bsonType": "objectId"
                },
                "username": {
                    "bsonType": "string"
                },
                "email": {
                    "bsonType": "string"
                },
                "status": {
                    "bsonType": "string"
                },
                "hashedPassword": {
                    "bsonType": "string"
                },
                "isAdmin": {
                    "bsonType": "string"
                },
                "firstName": {
                    "bsonType": "string"
                },
                "lastName": {
                    "bsonType": "string"
                },
                "updatedAt": {
                    "bsonType": "timestamp"
                },
                "createdAt": {
                    "bsonType": "timestamp"
                }
            }
        }
    },
    "validationLevel": "off",
    "validationAction": "warn"
});
```
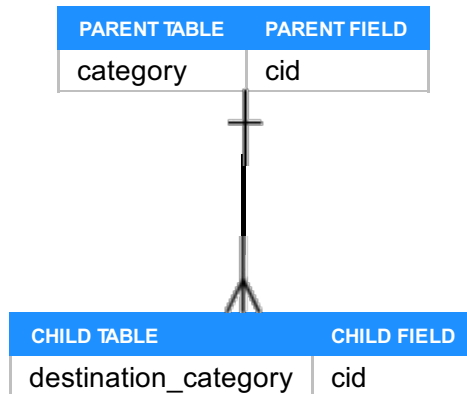
3. RELATIONSHIPS

3.1 Relationship fk category.cid to destination_category.cid

#### 3.1.1 fk category.cid to destination_category.cid Diagram

PARENT TABLE	PARENT FIELD
category	cid

CHILD TABLE	CHILD FIELD
destination_category	cid

3.1.2 fk category.cid to destination_category.cid Properties

PROPERTY	VALUE
Name	fk category.cid to destination_category.cid
Description	
Parent Collection	category
Parent field	cid
Parent Cardinality	1
Child Collection	destination_category
Child field	cid
Child Cardinality	n
Comments	

3.2 Relationship fk client.cid to advertising.cid

3.2.1 fk client.cid to advertising.cid Diagram

PARENT TABLE	PARENT FIELD
client	cid

CHILD TABLE	CHILD FIELD
advertisement	cid
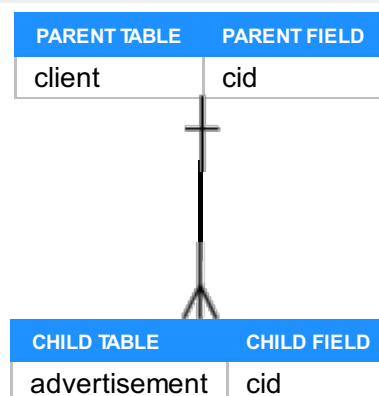
3.2.2 fk client.cid to advertising.cid Properties

PROPERTY	VALUE
Name	fk client.cid to advertising.cid
Description	
Parent Collection	client
Parent field	cid
Parent Cardinality	1
Child Collection	advertisement
Child field	cid
Child Cardinality	n
Comments	

3.3 Relationship fk client.cid to client_module.cid

3.3.1 fk client.cid to client_module.cid Diagram

PARENT TABLE	PARENT FIELD
client	cid

CHILD TABLE	CHILD FIELD
client_module	cid
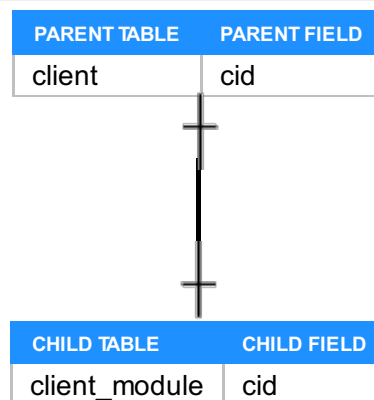
3.3.2 fk client.cid to client_module.cid Properties

PROPERTY	VALUE
Name	fk client.cid to client_module.cid
Description	
Parent Collection	client
Parent field	cid
Parent Cardinality	1
Child Collection	client_module
Child field	cid
Child Cardinality	1
Comments	

3.4 Relationship fk client.cid to client_tenant_info.cid

3.4.1 fk client.cid to client_tenant_info.cid Diagram

PARENT TABLE	PARENT FIELD
client	cid

CHILD TABLE	CHILD FIELD
client_tenant_info	cid
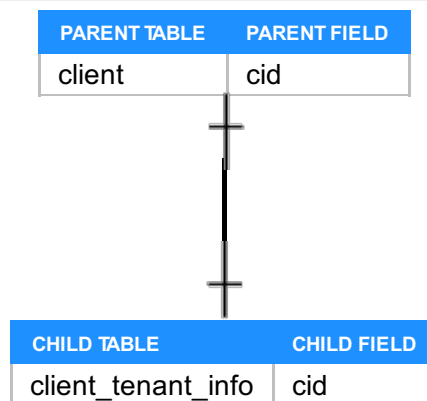
3.4.2 fk client.cid to client_tenant_info.cid Properties

PROPERTY	VALUE
Name	fk client.cid to client_tenant_info.cid
Description	
Parent Collection	client
Parent field	cid
Parent Cardinality	1
Child Collection	client_tenant_info
Child field	cid
Child Cardinality	1
Comments	

3.5 Relationship fk client.cid to client_user.cid

3.5.1 fk client.cid to client_user.cid Diagram

PARENT TABLE	PARENT FIELD
client	cid

CHILD TABLE	CHILD FIELD
client_user	cid
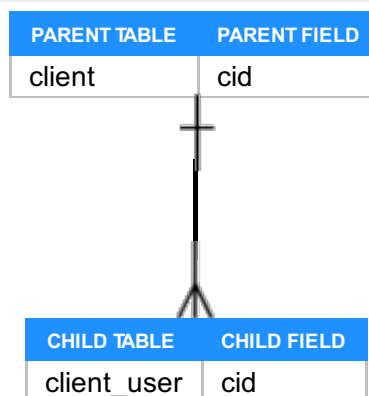
3.5.2 fk client.cid to client_user.cid Properties

PROPERTY	VALUE
Name	fk client.cid to client_user.cid
Description	
Parent Collection	client
Parent field	cid
Parent Cardinality	1
Child Collection	client_user
Child field	cid
Child Cardinality	n
Comments	

3.6 Relationship fk client.cid to map_data.cid

3.6.1 fk client.cid to map_data.cid Diagram

PARENT TABLE	PARENT FIELD
client	cid

CHILD TABLE	CHILD FIELD
map	cid
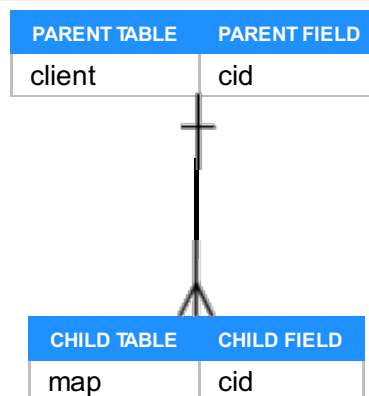
3.6.2 fk client.cid to map_data.cid Properties

PROPERTY	VALUE
Name	fk client.cid to map_data.cid
Description	
Parent Collection	client
Parent field	cid
Parent Cardinality	1
Child Collection	map
Child field	cid
Child Cardinality	n
Comments	

3.7 Relationship fk destination.destination to destination_category.did

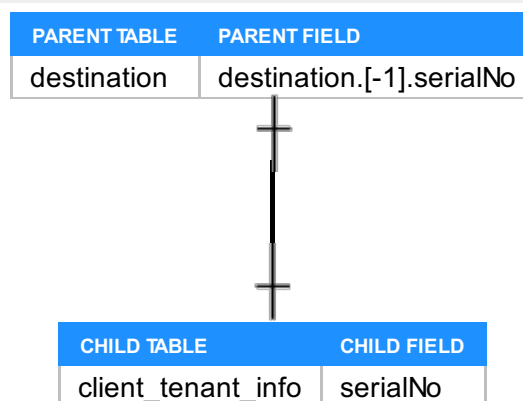### 3.7.1 fk destination.destination to destination_category.did Diagram

PARENT TABLE	PARENT FIELD
destination	destination

CHILD TABLE	CHILD FIELD
destination_category	did
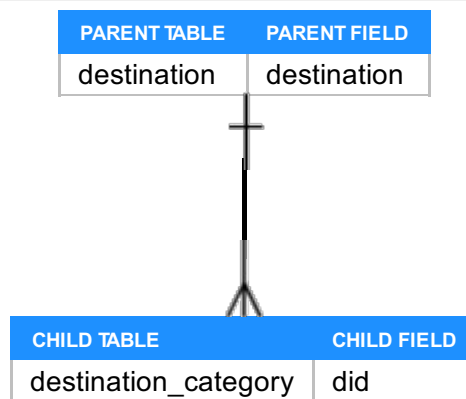
3.7.2 fk destination.destination to destination_category.did Properties

PROPERTY	VALUE
Name	fk destination.destination to destination_category.did
Description	
Parent Collection	destination
Parent field	destination
Parent Cardinality	1
Child Collection	destination_category
Child field	did
Child Cardinality	n
Comments	

3.8 Relationship fk destination.destination.[0].serialNo to client_tenant_info.serialNo

3.8.1 fk destination.destination.[0].serialNo to client_tenant_info.serialNo Diagram

| PARENT TABLE	PARENT FIELD
destination	destination.[-1].serialNo

CHILD TABLE	CHILD FIELD
client_tenant_info	serialNo

3.8.2 fk destination.destination.[0].serialNo to client_tenant_info.serialNo Properties

PROPERTY	VALUE
Name	fk destination.destination.[0].serialNo to client_tenant_info.serialNo
Description	
Parent Collection	destination
Parent field	serialNo
Parent Cardinality	1
Child Collection	client_tenant_info
Child field	serialNo
Child Cardinality	1
Comments	

3.9 Relationship fk map.mapData.[0].serialNo to destination.destination.[0].serialNo

3.9.1 fk map.mapData.[0].serialNo to destination.destination.[0].serialNo Diagram

PARENT TABLE	PARENT FIELD
map	mapData.[-1].serialNo

CHILD TABLE	CHILD FIELD
destination	destination.[-1].serialNo
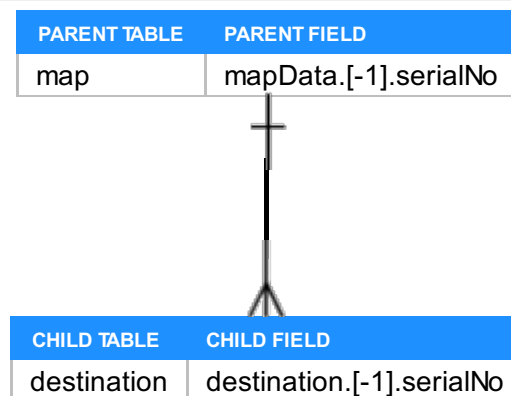
3.9.2 fk map.mapData.[0].serialNo to destination.destination.[0].serialNo Properties

PROPERTY	VALUE
Name	fk map.mapData.[0].serialNo to destination.destination.[0].serialNo
Description	
Parent Collection	map
Parent field	serialNo
Parent Cardinality	1
Child Collection	destination
Child field	serialNo
Child Cardinality	n
Comments	

3.10 Relationship fk map.mid to destination.mid

### 3.10.1 fk map.mid to destination.mid Diagram

PARENT TABLE	PARENT FIELD
map	mid

CHILD TABLE	CHILD FIELD
destination	mid
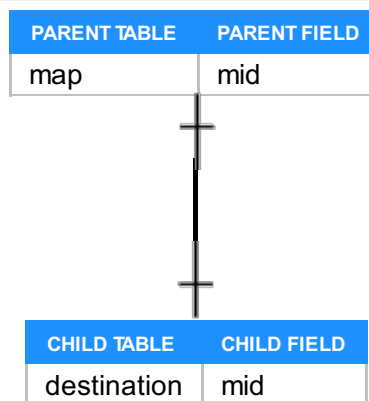
3.10.2 fk map.mid to destination.mid Properties

PROPERTY	VALUE
Name	fk map.mid to destination.mid
Description	
Parent Collection	map
Parent field	mid
Parent Cardinality	1
Child Collection	destination
Child field	mid
Child Cardinality	1
Comments	

3.11 Relationship fk tenant.tid to client_tenant_info.tid

3.11.1 fk tenant.tid to client_tenant_info.tid Diagram

PARENT TABLE	PARENT FIELD
tenant	tid

CHILD TABLE	CHILD FIELD
client_tenant_info	tid
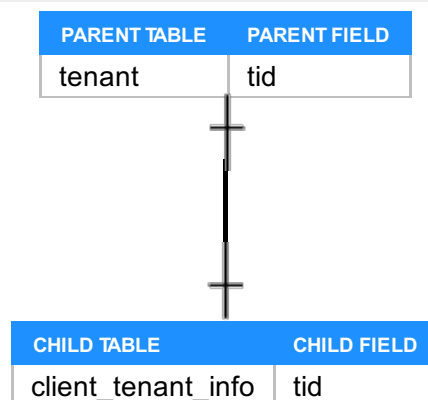
3.11.2 fk tenant.tid to client_tenant_info.tid Properties

PROPERTY	VALUE
Name	fk tenant.tid to client_tenant_info.tid
Description	
Parent Collection	tenant
Parent field	tid
Parent Cardinality	1
Child Collection	client_tenant_info
Child field	tid
Child Cardinality	1
Comments	

3.12 Relationship fk tenant.tid to destination.destination.[0].tid

### 3.12.1 fk tenant.tid to destination.destination.[0].tid Diagram

PARENT TABLE	PARENT FIELD
tenant	tid

CHILD TABLE	CHILD FIELD
destination	destination.[-1].tid
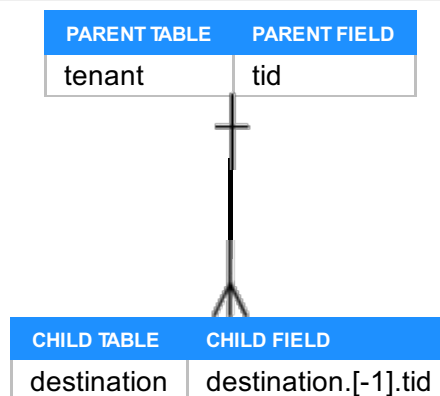
3.12.2 fk tenant.tid to destination.destination.[0].tid Properties

PROPERTY	VALUE
Name	fk tenant.tid to destination.destination.[0].tid
Description	
Parent Collection	tenant
Parent field	tid
Parent Cardinality	1
Child Collection	destination
Child field	tid
Child Cardinality	n
Comments	

3.13 Relationship fk user.uid to client_user.uid

3.13.1 fk user.uid to client_user.uid Diagram

PARENT TABLE	PARENT FIELD
user	uid

CHILD TABLE	CHILD FIELD
client_user	uid
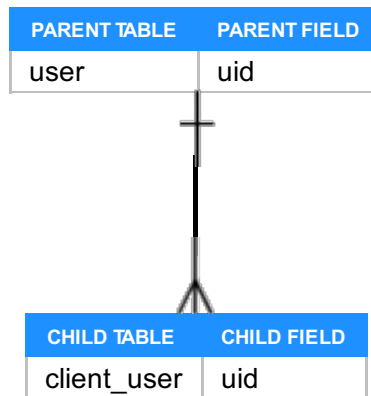
3.13.2 fk user.uid to client_user.uid Properties

PROPERTY	VALUE
Name	fk user.uid to client_user.uid
Description	
Parent Collection	user
Parent field	uid
Parent Cardinality	1
Child Collection	client_user
Child field	uid
Child Cardinality	n
Comments	