Polyglot Physical Model

Schema for:

Model name: Beergraph (Polyglot)
Author:
Version:
File name: Beergraph (Polyglot).hck.json
File path: /Users/rvanbruggen/Library/CloudStorage/OneDrive-Hackolade/Demo/HackoladeGithubRepo/1-Customers/BT/Beergraph (Polyglot).hck.json
Printed On: Mon May 22 2023 15:54:59 GMT+0200 (Central European Summer Time)
Created with: Hackolade - Polyglot data modeling for NoSQL databases, storage formats, REST APIs, and JSON in RDBMS

1. Model

2. Containers

2.1 neo4j
2.1.2. Entities
      2.1.2.1 AlcoholPercentage
      2.1.2.2 BeerBrand
      2.1.2.3 BeerType
      2.1.2.4 Brewery

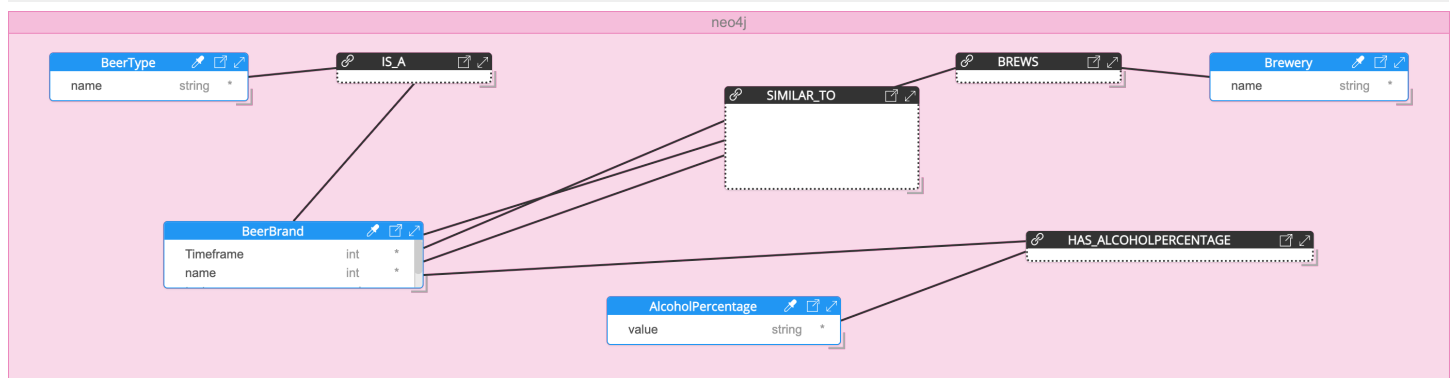## 3. Edges

3.1 BREWS
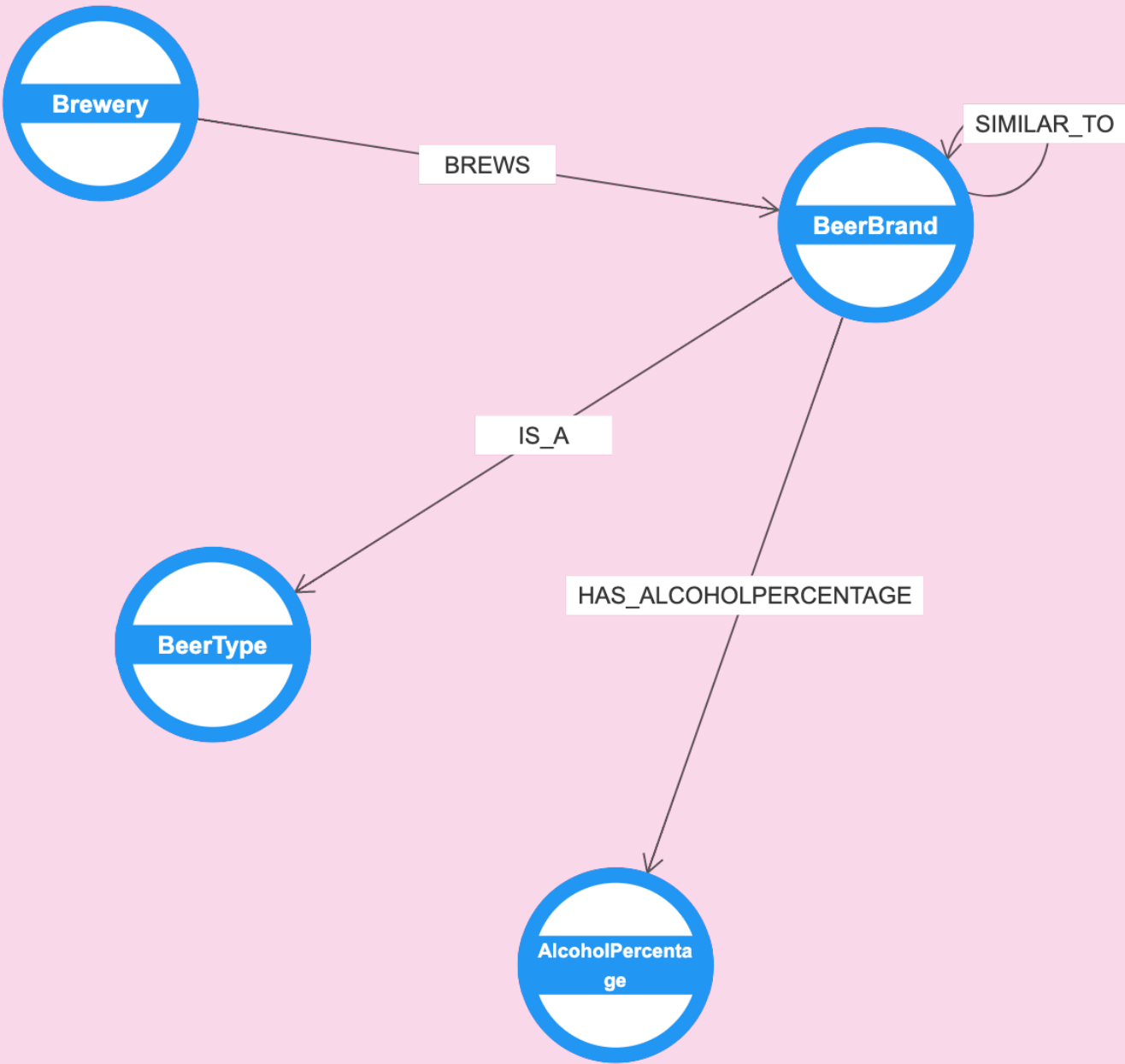3.2 HAS_ALCOHOLPERCENTAGE
3.3 IS_A
3.4 SIMILAR_TO

1. MODEL

1.1 Model Beergraph (Polyglot)

1.1.1 Beergraph (Polyglot) Entity Relationship Diagram

1.1.2 Beergraph (Polyglot) Graph Diagram

neo4j

Brewery

BEERBrand

SIMILAR_TO

BREWS

IS_A

HAS_ALCOHOLPERCENTAGE

BeerType

AlcoholPercentage

1.1.3 Beergraph (Polyglot) Properties

1.1.3.1 Details tab

PROPERTY	VALUE
Model name	Beergraph (Polyglot)
Technical name	
Description	
Author	
Version	
Synchronization Id	
Target	Polyglot
Lineage capture	true
Polyglot models	
Comments	

1.1.3.2 Lineage capture tab

PROPERTY	VALUE
Model sources	
[1] Source name	RE'd from instance
Source ID	4fb56591-d084-460c-aaee-c853166aa027
Description	
Source format	Instance
Connection name	AuraFree
Timestamp	2023-05-22 15:33:17 CEST

1.1.4 Beergraph (Polyglot) User-Defined Types

2. CONTAINERS

2.1 Container neo4j
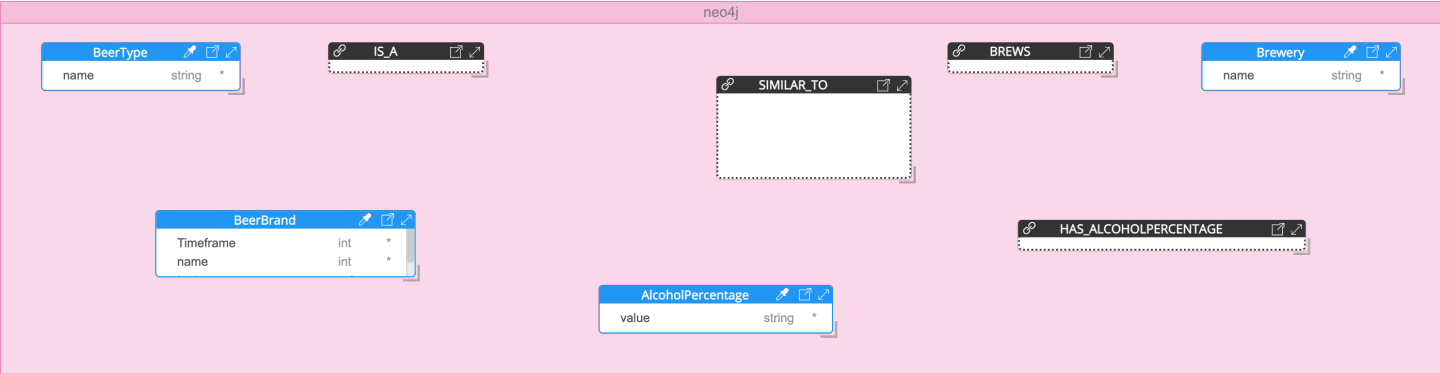
2.1.1 neo4j Properties

PROPERTY	VALUE
Container name	neo4j
Technical name	
Activated	true
Polyglot only	
Description	
Comments	

2.1.2 neo4j Entities

2.1.2.1 Entity AlcoholPercentage

2.1.2.1.1 AlcoholPercentage Tree Diagram

2.1.2.1.2 AlcoholPercentage Properties

PROPERTY	VALUE
Entity name	AlcoholPercentage
Technical name	
Activated	true
Polyglot only	
Id	
$ref	
Description	
Container	neo4j
Parent entity	
Child entity	
Additional properties	true
Examples	
Comments	

2.1.2.1.3 AlcoholPercentage Attribute

ATTRIBUTE	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
value	string	true			

2.1.2.1.3.1 Attribute value

2.1.2.1.3.1.1 value Tree Diagram

2.1.2.1.3.1.2 value properties

PROPERTY	VALUE
Business Name	value
Technical name	
Activated	true
Polyglot only	
Id	
Type	varchar
Synonym	string
Number of characters	
Description	
Dependencies	
Primary key	false
Required	true
Unique	false
Foreign entity	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Faker function	
Sample	6,4%
Examples	
Comments	

Lineage capture

Description	
Transformation	
Sources	[object Object]

2.1.2.1.4 AlcoholPercentage Composite keys

PROPERTY	VALUE
Primary key	
[1] Constraint name	
Key	
Unique key	
[1] Constraint name	
Key	
Alternate key	

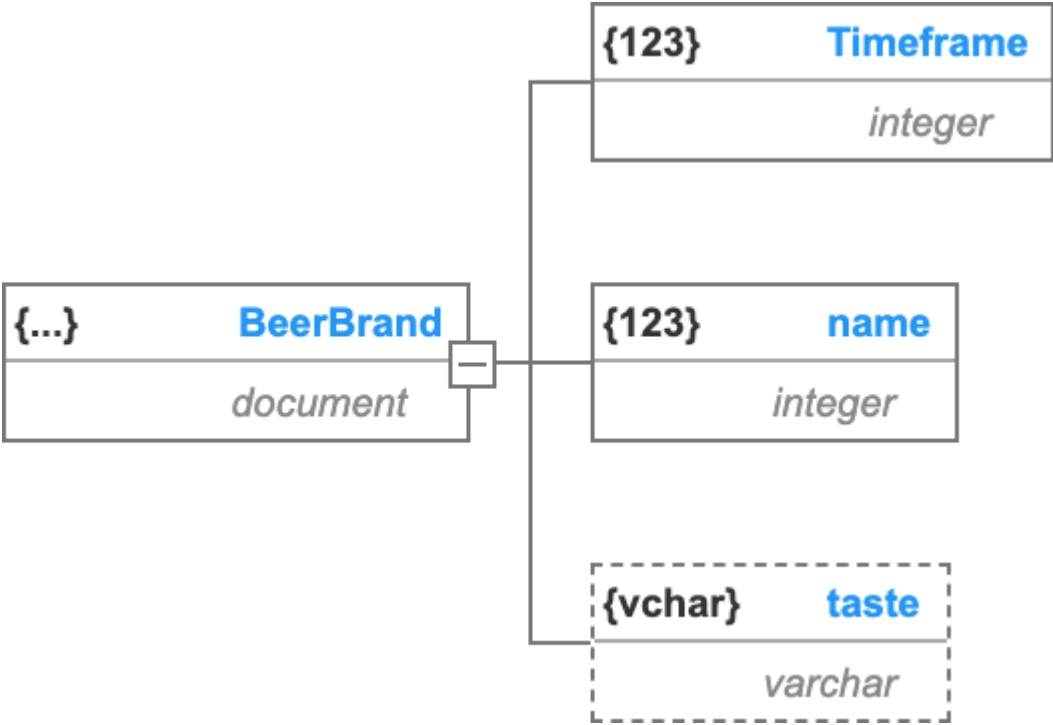### 2.1.2.1.5 AlcoholPercentage JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "AlcoholPercentage",
    "additionalProperties": true,
    "properties": {
        "value": {
            "type": "string"
        }
    },
    "required": [
        "value"
    ]
}
```

2.1.2.1.6 AlcoholPercentage JSON data

```
{
    "value": "6,4%"
}
```

2.1.2.2 Entity BeerBrand

2.1.2.2.1 BeerBrand Tree Diagram

2.1.2.2.2 BeerBrand Properties

PROPERTY	VALUE
Entity name	BeerBrand
Technical name	
Activated	true
Polyglot only	
Id	
$ref	
Description	
Container	neo4j
Parent entity	
Child entity	
Additional properties	true
Examples	
Comments	

2.1.2.2.3 BeerBrand Attribute

ATTRIBUTE	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
Timeframe	integer	true			
name	integer	true			
taste	varchar	false			

2.1.2.2.3.1 Attribute Timeframe

2.1.2.2.3.1.1 Timeframe Tree Diagram

2.1.2.2.3.1.2 Timeframe properties

PROPERTY	VALUE
Business Name	Timeframe
Technical name	
Activated	true
Polyglot only	
Id	
Type	integer
Synonym	
Description	
Dependencies	
Primary key	false
Required	true
Unique	false
Foreign entity	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default option	
Unit	
Min value	
Excl min	false
Max value	
Excl max	false
Multiple of	
Divisible by	
Pattern	
Enum	
Faker function	
Sample	1993-heden
Examples	
Comments	

Lineage capture

Description	
Transformation	
Sources	[object Object]

2.1.2.2.3.2 Attribute name

2.1.2.2.3.2.1 name Tree Diagram

{123}   name
          integer

2.1.2.2.3.2.2 name properties

PROPERTY	VALUE
Business Name	name
Technical name	
Activated	true
Polyglot only	
Id	
Type	integer
Synonym	
Description	
Dependencies	
Primary key	false
Required	true
Unique	false
Foreign entity	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default option	
Unit	
Min value	
Excl min	false
Max value	
Excl max	false
Multiple of	
Divisible by	
Pattern	
Enum	
Faker function	
Sample	Bieken
Examples	
Comments	

Lineage capture

Description	
Transformation	
Sources	[object Object]

2.1.2.2.3.3 Attribute taste

2.1.2.2.3.3.1 taste Tree Diagram

2.1.2.2.3.3.2 taste properties

PROPERTY	VALUE
Business Name	taste
Technical name	
Activated	true
Polyglot only	
Id	
Type	varchar
Synonym	
Number of characters	
Description	
Dependencies	
Primary key	false
Required	
Unique	
Foreign entity	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Faker function	
Sample	
Examples	
Comments	

Lineage capture

Description	
Transformation	
Sources	

2.1.2.2.4 BeerBrand Composite keys

PROPERTY	VALUE
Primary key	
[1] Constraint name	
Key	
Unique key	
[1] Constraint name	
Key	
Alternate key	

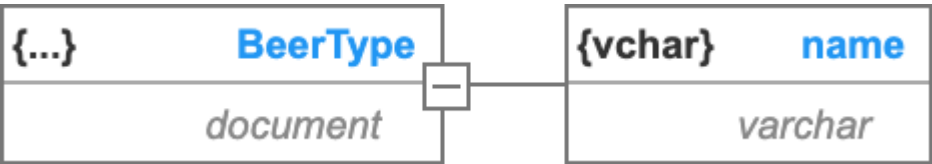### 2.1.2.2.5 BeerBrand JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "BeerBrand",
    "additionalProperties": true,
    "properties": {
        "Timeframe": {
            "type": "number"
        },
        "name": {
            "type": "number"
        },
        "taste": {
            "type": "string"
        }
    },
    "required": [
        "Timeframe",
        "name"
    ]
}
```

2.1.2.2.6 BeerBrand JSON data

```
{
    "Timeframe": "1993-heden",
    "name": "Bieken",
    "taste": "Lorem"
}
```

2.1.2.3 Entity BeerType

2.1.2.3.1 BeerType Tree Diagram

2.1.2.3.2 BeerType Properties

PROPERTY	VALUE
Entity name	BeerType
Technical name	
Activated	true
Polyglot only	
Id	
$ref	
Description	
Container	neo4j
Parent entity	
Child entity	
Additional properties	true
Examples	
Comments	

2.1.2.3.3 BeerType Attribute

ATTRIBUTE	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
name	string	true			

2.1.2.3.3.1 Attribute name

2.1.2.3.3.1.1 name Tree Diagram

{vchar}	name
	varchar

2.1.2.3.3.1.2 name properties

PROPERTY	VALUE
Business Name	name
Technical name	
Activated	true
Polyglot only	
Id	
Type	varchar
Synonym	string
Number of characters	
Description	
Dependencies	
Primary key	false
Required	true
Unique	false
Foreign entity	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Faker function	
Sample	ale, blond
Examples	
Comments	

Lineage capture

Description	
Transformation	
Sources	[object Object]

2.1.2.3.4 BeerType Composite keys

PROPERTY	VALUE
Primary key	
[1] Constraint name	
Key	
Unique key	
[1] Constraint name	
Key	
Alternate key	

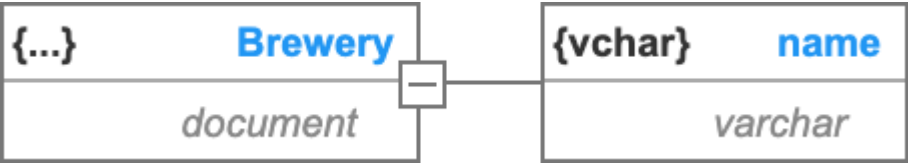### 2.1.2.3.5 BeerType JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "BeerType",
    "additionalProperties": true,
    "properties": {
        "name": {
            "type": "string"
        }
    },
    "required": [
        "name"
    ]
}
```

2.1.2.3.6 BeerType JSON data

```
{
    "name": "ale, blond"
}
```

2.1.2.4 Entity Brewery

2.1.2.4.1 Brewery Tree Diagram

2.1.2.4.2 Brewery Properties

PROPERTY	VALUE
Entity name	Brewery
Technical name	
Activated	true
Polyglot only	
Id	
$ref	
Description	
Container	neo4j
Parent entity	
Child entity	
Additional properties	true
Examples	
Comments	

2.1.2.4.3 Brewery Attribute

ATTRIBUTE	TYPE	REQ	KEY	DESCRIPTION	COMMENTS
name	string	true			

2.1.2.4.3.1 Attribute name

2.1.2.4.3.1.1 name Tree Diagram

```
{vchar}      name
             varchar
```

2.1.2.4.3.1.2 name properties

PROPERTY	VALUE
Business Name	name
Technical name	
Activated	true
Polyglot only	
Id	
Type	varchar
Synonym	string
Number of characters	
Description	
Dependencies	
Primary key	false
Required	true
Unique	false
Foreign entity	
Foreign field	
Relationship type	
Relationship name	
Cardinality	
Default	
Min length	
Max length	
Pattern	
Format	
Enum	
Faker function	
Sample	Huisbrouwerij 't Pakhuis
Examples	
Comments	

Lineage capture

Description	
Transformation	
Sources	[object Object]

2.1.2.4.4 Brewery Composite keys

PROPERTY	VALUE
Primary key	
[1] Constraint name	
Key	
Unique key	
[1] Constraint name	
Key	
Alternate key	

2.1.2.4.5 Brewery JSON Schema

```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object",
    "title": "Brewery",
    "additionalProperties": true,
    "properties": {
        "name": {
            "type": "string"
        }
    },
    "required": [
        "name"
    ]
}
```
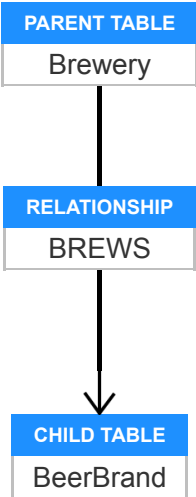
2.1.2.4.6 Brewery JSON data

```
{
    "name": "Huisbrouwerij 't Pakhuis"
}
```

3. EDGES

3.1 Edge BREWS

3.1.1 BREWS Diagram

3.1.2 BREWS Properties

PROPERTY	VALUE
Business Name	BREWS
Description	
Activated	true
Relationship type	
Parent entity	936a14c9-b3a0-4727-afbe-0c70d97cccfd
Parent field	
Parent cardinality	1
Child entity	974fd972-fa03-4882-a416-3dfc074a9bb4
Child field	
Child cardinality	1
Comments	
Style	

3.1.3 BREWS Tree Diagram

3.1.4 BREWS Attribute

ATTRIBUTE	TYPE	REQ	KEY	DESCRIPTION	COMMENTS

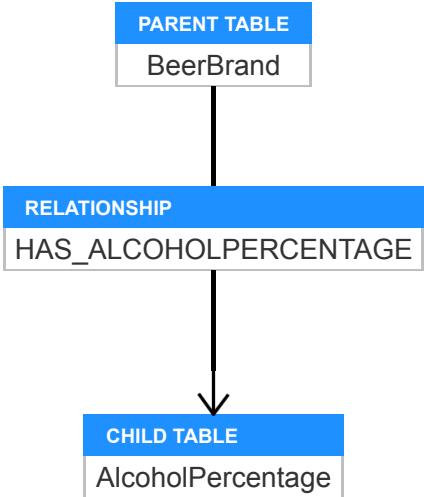### 3.1.5 BREWS JSON Schema

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

3.1.6 BREWS JSON data

```
{}
```

3.2 Edge HAS_ALCOHOLPERCENTAGE

3.2.1 HAS_ALCOHOLPERCENTAGE Diagram

PARENT TABLE
BeerBrand

RELATIONSHIP
HAS_ALCOHOLPERCENTAGE

CHILD TABLE
AlcoholPercentage

3.2.2 HAS_ALCOHOLPERCENTAGE Properties

PROPERTY	VALUE
Business Name	HAS_ALCOHOLPERCENTAGE
Description	
Activated	true
Relationship type	
Parent entity	974fd972-fa03-4882-a416-3dfc074a9bb4
Parent field	
Parent cardinality	1
Child entity	8283184d-7399-48e8-a31a-de91e9c3b976
Child field	
Child cardinality	1
Comments	
Style	

3.2.3 HAS_ALCOHOLPERCENTAGE Tree Diagram

{...} **HAS_ALCOHOLPERCENT...**

document

3.2.4 HAS_ALCOHOLPERCENTAGE Attribute

ATTRIBUTE	TYPE	REQ	KEY	DESCRIPTION	COMMENTS

3.2.5 HAS_ALCOHOLPERCENTAGE JSON Schema
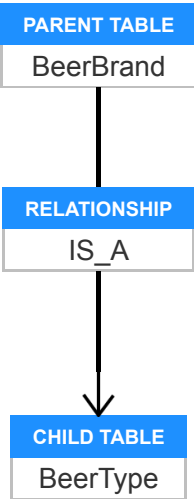
```
{
    "$schema": "http://json-schema.org/draft-04/schema#",
    "type": "object"
}
```

3.2.6 HAS_ALCOHOLPERCENTAGE JSON data

```
{}
```

3.3 Edge IS_A

3.3.1 IS_A Diagram

PARENT TABLE
BeerBrand

RELATIONSHIP
IS_A

CHILD TABLE
BeerType

3.3.2 IS_A Properties

PROPERTY	VALUE
Business Name	IS_A
Description	
Activated	true
Relationship type	
Parent entity	974fd972-fa03-4882-a416-3dfc074a9bb4
Parent field	
Parent cardinality	1
Child entity	7eb3a50e-bace-4d16-b749-799b6ae20a7f
Child field	
Child cardinality	1
Comments	
Style	

3.3.3 IS_A Tree Diagram

{...}   IS_A
document

3.3.4 IS_A Attribute

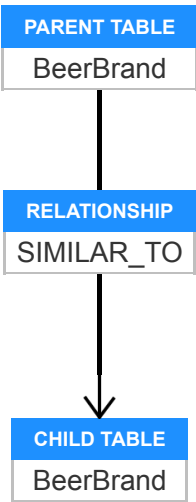| ATTRIBUTE	TYPE	REQ	KEY	DESCRIPTION	COMMENTS

3.3.5 IS_A JSON Schema

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

3.3.6 IS_A JSON data

```
{}
```

3.4 Edge SIMILAR_TO

3.4.1 SIMILAR_TO Diagram

3.4.2 SIMILAR_TO Properties

PROPERTY	VALUE
Business Name	SIMILAR_TO
Description	
Activated	true
Relationship type	
Parent entity	974fd972-fa03-4882-a416-3dfc074a9bb4
Parent field	
Parent cardinality	1
Child entity	974fd972-fa03-4882-a416-3dfc074a9bb4
Child field	
Child cardinality	1
Comments	
Style	

3.4.3 SIMILAR_TO Tree Diagram

{...}	SIMILAR_TO
	document

3.4.4 SIMILAR_TO Attribute

ATTRIBUTE	TYPE	REQ	KEY	DESCRIPTION	COMMENTS

3.4.5 SIMILAR_TO JSON Schema

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

3.4.6 SIMILAR_TO JSON data

```
{}
```