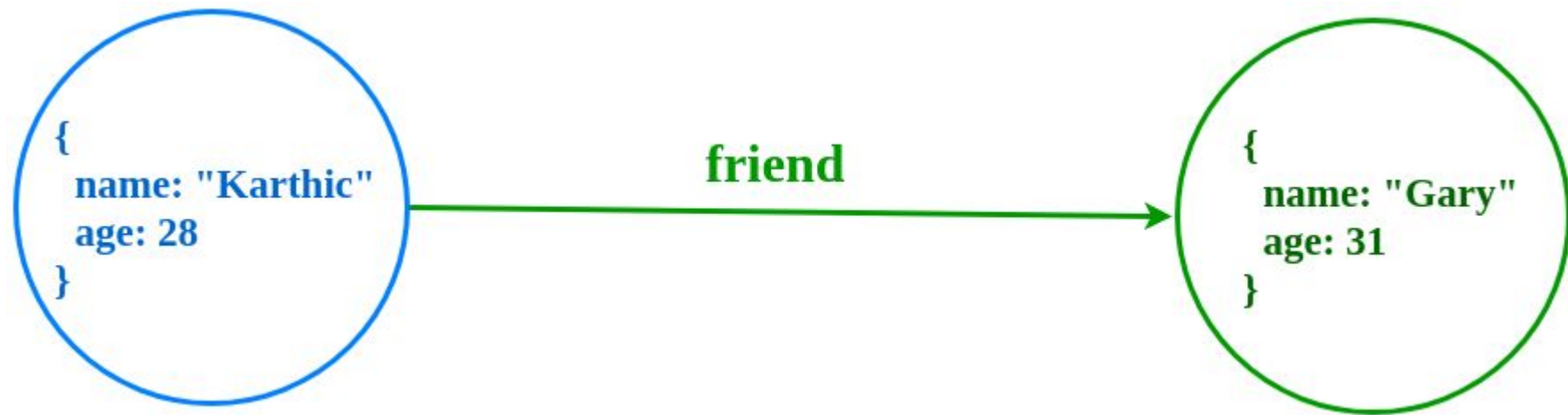




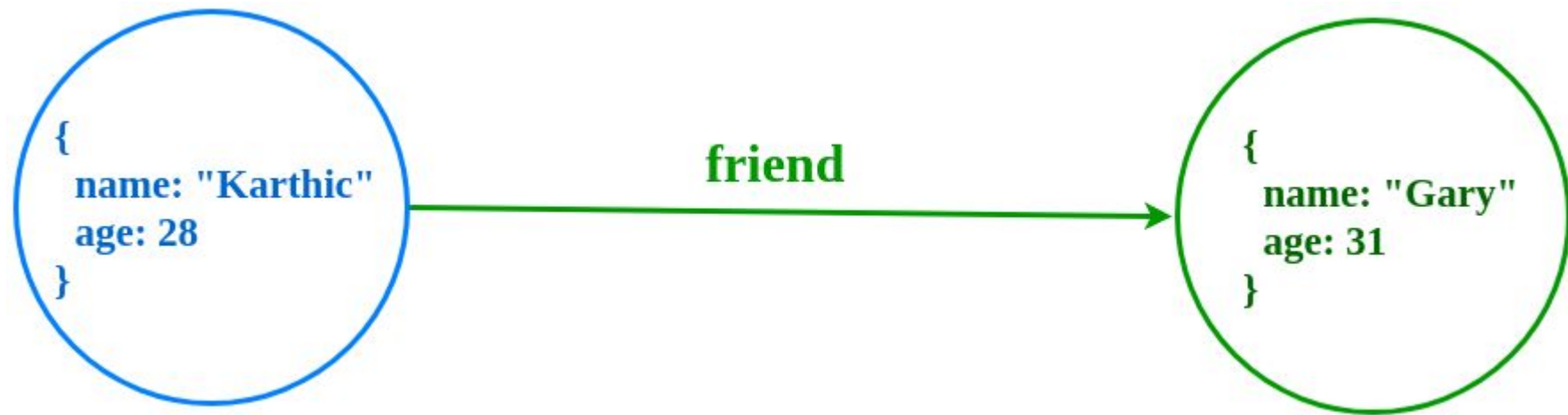
Dgraph

The most advanced graph database in the world



- Running Dgraph using Docker compose
- Basic operations using Dgraph's UI Ratel
 - Create nodes.
 - Create an edge between nodes.
 - Query for the nodes.





☐ Query☒ Mutate

```
1 {
2   "set": [
3     {
4       "name": "Karthic",
5       "age": 28,
6       "friends": {
7         "name": "Gary",
8         "age": 31
9       }
10    }
11  ]
12 }
```

Node 1 {"Name": "Karthic", "Age": 28 }

Node 2 {"Name": "Gary", "Age": 31 }

"friends" edge between node 1 and node 2



func: Keyword

name: Predicate

people: User defined function

Predicates to be present in the result

has: Dgraph inbuilt function

Query

Mutate

Clear

Run

1 {

2 people(func: has(name)) {

3 name

4 age

5 }

6 }

A small red circular icon containing a white lightning bolt, located in the bottom right corner of the slide.