

Neo4j

Mimanshu Maheshwari

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Chapter 1

Introduction

1.1 Setting up Neo4j with docker

Using official docker setup [link](#) for neo4j.

```
1 docker pull neo4j
```

Listing 1.1: get neo4j image

```
1 docker run \  
2   --publish=7474:7474 --publish=7687:7687 \  
3   --volume=$HOME/neo4j/data:/data \  
4   neo4j
```

Listing 1.2: Starting neo4j container

1.2 Creating Nodes

```
1 CREATE( var: label{key1:value1, key2:value2, key3:value3,...,keyn:valuen})
```

Listing 1.3: Create Node

- Properties of nodes present between { and }
- Node present between *and*
 1. var is the variable name such as John
 2. label is the entity type such as Customer
 3. key:value are the attributes of the properties such as `contact_num: 1234567890`