Installation guide on Ubuntu :

First, make sure that you have administrator rights (I recommend you to use “sudo –s » ) and make sure that you are in the folder that contains all the scripts

1 – Install RethinkDB

|  |
| --- |
| source /etc/lsb-release && echo "deb http://download.rethinkdb.com/apt $DISTRIB\_CODENAME main" | sudo tee /etc/apt/sources.list.d/rethinkdb.list wget -qO- https://download.rethinkdb.com/apt/pubkey.gpg | sudo apt-key add - sudo apt-get update  sudo apt-get install rethinkdb |

2 – Install RethinkDB’s driver

2.1 – Install NodeJS

|  |
| --- |
| sudo apt-get update  sudo apt-get install nodejs npm |

2.2 – Install the driver

|  |
| --- |
| npm install rethinkdb |

3 – Install ExpressJS

|  |
| --- |
| npm install express |

4 – Link your Deep-Learning Service

To use your deep-learning service you need to edit the “modules” file

|  |
| --- |
| nano modules/modules.js |

Then check for this line (line 18) :

|  |
| --- |
| var dish = "dish"; //replace "dish" with the call to the DL service |

And replace “dish” with a call to your DL service

5 – Start RethinkDB

|  |
| --- |
| rethinkDB & |

*Refer to* [*https://www.rethinkdb.com/docs/config-file/*](https://www.rethinkdb.com/docs/config-file/) *if you want to use a specific configuration (with a specific cache size for instance), please don’t change the driver port.*

6 – Create the observation table

|  |
| --- |
| nodejs iniDB.js |

7 – Launch the server

|  |
| --- |
| Foreground :  nodejs server.js  Background :  nodejs server.js > stdout.txt 2> stderr.txt & |

Full Install :

|  |
| --- |
| source /etc/lsb-release && echo "deb http://download.rethinkdb.com/apt $DISTRIB\_CODENAME main" | sudo tee /etc/apt/sources.list.d/rethinkdb.list wget -qO- https://download.rethinkdb.com/apt/pubkey.gpg | sudo apt-key add - sudo apt-get update  sudo apt-get install rethinkdb  sudo apt-get update  sudo apt-get install nodejs npm  npm install rethinkdb  npm install express  rethinkDB &  nodejs iniDB.js |