

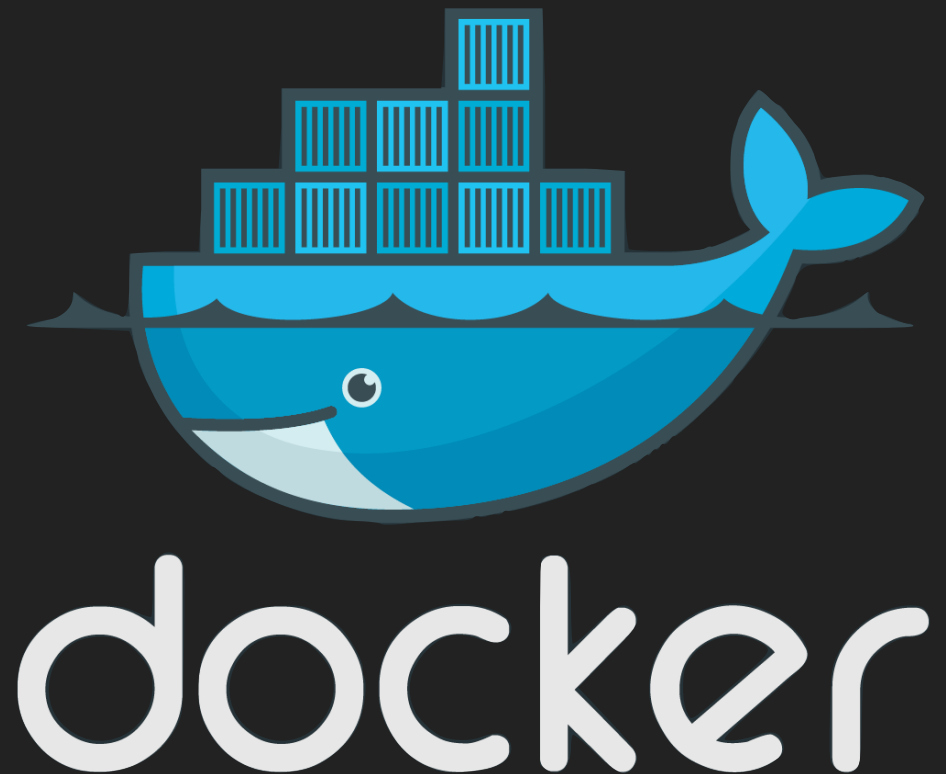
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SYNTAXNET: A QUICK LOOK AT THE IMPLEMENTATION

- ▶ Recap of docker
- ▶ DRAGNN? Parsey McParseface??
- ▶ How to get Syntaxnet running in local docker
- ▶ How to use Syntaxnet with a small python-script

RECAP OF DOCKER

- ▶ Uses containers instead of virtual machines
- ▶ Prepackaged containers at docker-hub
- ▶ GUI-Application for Windows & MacOS
- ▶ CLI for Windows, MacOS & Linux



DRAGNN? PARSEY MCPARSEFACE??

- ▶ Dynamic Recurrent Acyclic Graphical Neural Networks
- ▶ Sitting on top of TensorFlow
- ▶ Parsey McParseface as sort of the Vanilla-Syntaxnet

HOW TO GET SYNTAXNET RUNNING IN LOCAL DOCKER

- ▶ `"docker pull brianlow/syntaxnet-docker"`
- ▶ `"docker run --rm --syntaxnet -i -t brianlow/syntaxnet-docker bash"`
- ▶ Next time just use the `"docker run"-line`
- ▶ If you want the container to be persistent, then remove `"--rm"` from the `"docker run"-line`

HOW TO USE SYNTAXNET WITH A SMALL PYTHON-SCRIPT

- ▶ see the python-script "syntaxnet-mapper.py", hosted on github
- ▶ `git clone https://github.com/JiNova/Syntaxnet-Playground.git`