ANDREAS BRANDNER
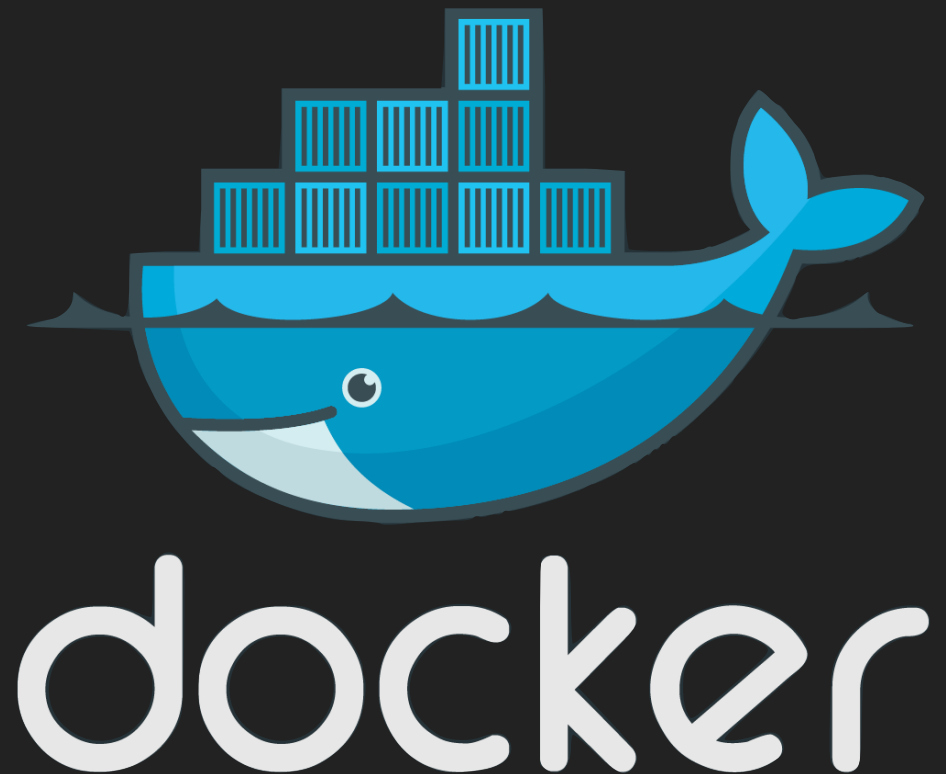
SYNTAXNET: A QUICK LOOK AT THE IMPLEMENTATION

▸ 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 —name 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`