Building a Deployable Data Science Environment

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Background

Talk about cloud computing, docker, PostgreSQL, nvidia CUDA, Tensorflow GPU, jupyter. Pricing of cloud computing and storage and minimizing these costs. Scaling to run multiple experiments concurrently
Dataset: COCO description

Objectives

- quick environment build and tear down
- automated build
- scalability
- flexibility to add or change elements
- adaptability

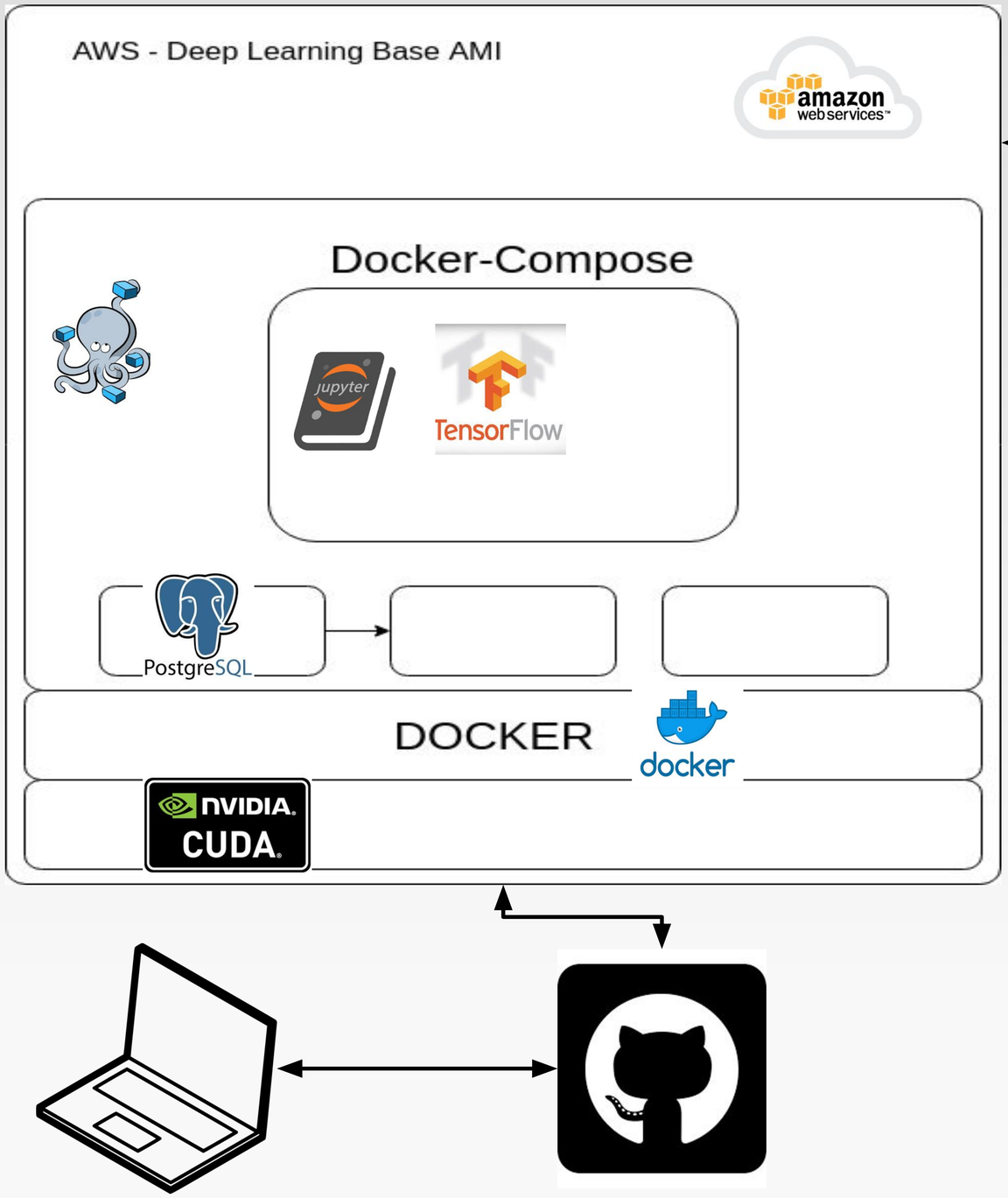
Methods

Initial setup:
1. some stuff
2. next stuff

Build environment:
1. start
2. ready for data science

Tear down:
1. commit-push updated work
2. tear down

Environment



Results

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Environment	Instance Type	Setup time	Price	Cost
Amazon Linux	t2 ---	0.000	$0.00	$0.00
Deep Learning AMI	p2 ---	0.000	$0.00	$0.00
Containerized ENV	p2 ---	0.000	$0.00	$0.00

Discussion

References

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2. *Insert your text here. Remember to size your font to fit your information into the space.*