

Automate all the things!



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Background,
experience & objectives

Agenda

- Introduction (a quick talk)
- Exercises from 0 to Jenkins (4 hands on labs)
- The Final Challenge
- Open Discussion / 1:1 Questions

We'll have a personal time
in between labs, let's try not
to get distracted with
phone, email and/or twitter.

Introduction

Why Grunt.js?

[https://github.com/
johnnyhalife/
AutomateAllThings](https://github.com/johnnyhalife/AutomateAllThings)

Ground 0 - Setting up your environment

Exercise one - Lap Around Grunt.js

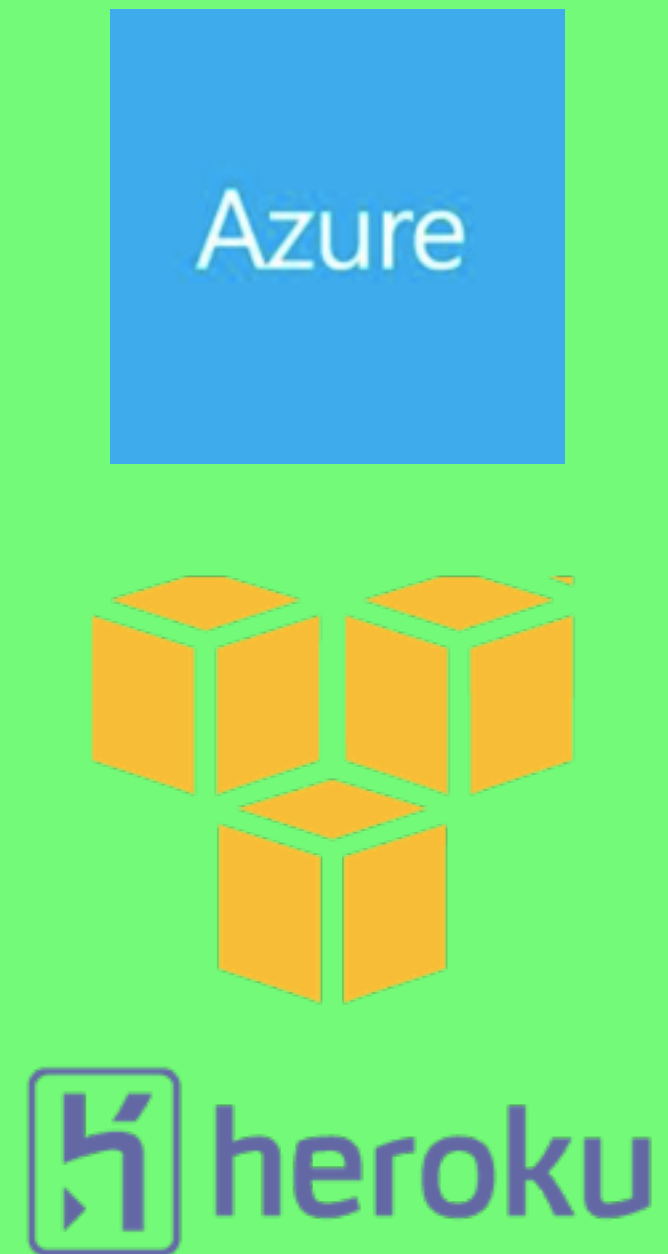
Exercise two - Create Your First Grunt Task

Exercise three - Meet Mr Jenkins

Final Challenge

Resources for the challenge

- [grunt-cdn](#)
- [grunt-s3-sync](#)
- [grunt-rev-md5](#)
- [grunt-htmlrefs](#)
- [grunt-contrib-cssmin](#)
- [grunt-contrib-uglify](#)



Jenkins Starter Kit

- Get your **Jenkins VM running on the cloud in minutes** by using VM Depot Jenkins Image.

<http://vmdepot.msopentech.com/List/Index?sort=Featured&search=jenkins>

- **Avoid polling Git** when having your server on the cloud by using the Github Plugin.

<https://wiki.jenkins-ci.org/display/JENKINS/GitHub+Plugin>

- Build **Pull-Requests automatically** using Github Pull-request Build Plugin.

<https://wiki.jenkins-ci.org/display/JENKINS/GitHub+pull+request+builder+plugin>

- Login to your Jenkins Server using your **Google Apps Account** (<https://wiki.jenkins-ci.org/display/JENKINS/Google+OAuth+Plugin>) or your **Github Account** (<https://wiki.jenkins-ci.org/display/JENKINS/Github+OAuth+Plugin>).

- Use multiple build nodes by doing using **distributed builds**

<https://wiki.jenkins-ci.org/display/JENKINS/Distributed+builds>

- **(Only valid for Linux!)** Use the NodeJS Plugin which allows you to create as many NodeJS installations "profiles" as you want. The auto-installer will automatically install a given version of NodeJS, on every Jenkins slave where it will be needed.

<https://wiki.jenkins-ci.org/display/JENKINS/NodeJS+Plugin>

Open Space

Thanks!

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<https://github.com/johnnyhalife/AutomateAllThings>