Jenkins – automation tool, continuous integration. Plugs into GIT, used for Java programs. Could be used for app? No good for php/html etc though. <https://jenkins.io/>

Installation:

Video by Dominick from last year – nice step by step video.

Pre-requisites:

Min config for team project: Java 8, 1GB free memory, 50GB free disk space – are we allowed to install stuff on Raptor?!

Unix/Linux install:

wget -q -O - https://pkg.jenkins.io/debian/jenkins.io.key | sudo apt-key add -

sudo sh -c 'echo deb http://pkg.jenkins.io/debian-stable binary/ > /etc/apt/sources.list.d/jenkins.list'

sudo apt-get update

sudo apt-get install jenkins

Then setup Admin user and pw (wizard does this)

Can add plugins depending on what we want

Majority of code to be written in php, javascript, html, css etc…this isn’t suitable for our project.

And…I’m pretty sure we aren’t allowed to install software on Raptor…

PHPUnit – write php unit tests <https://phpunit.de/>

Would be good so we could run batches of tests every time we change pages, would have to write tests that include a new unique item every time to test adding asset etc.

**wget https://phar.phpunit.de/phpunit.phar**

**➜ chmod +x phpunit.phar**

**➜ sudo mv phpunit.phar /usr/local/bin/phpunit**

**➜ phpunit --version**

Need to download more software onto Raptor to get this to work.. not an option