Discovering and Fixing Dependency Vulnerabilities for Kubernetes apps with Snyk and Codefresh

Antoine Arlaud, Snyk & Dan Garfield, Codefresh

Dan Garfield

Chief Evangelist

codefresh

Antoine Arlaud

Figure Stuff Out Engineer

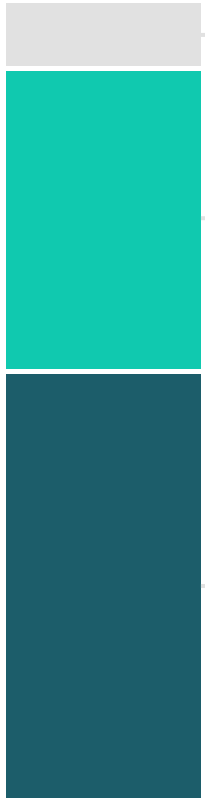
snyk

Open Source

Is just awesome

SOFTWARE STACK

A Small Portion of Your App is Your Code



Custom Code
"Your" application

Libraries
Open source code

Base Image
Basic OS with associated software packages

SOFTWARE STACK

+53% Vulnerabilities Found in OSS YoY

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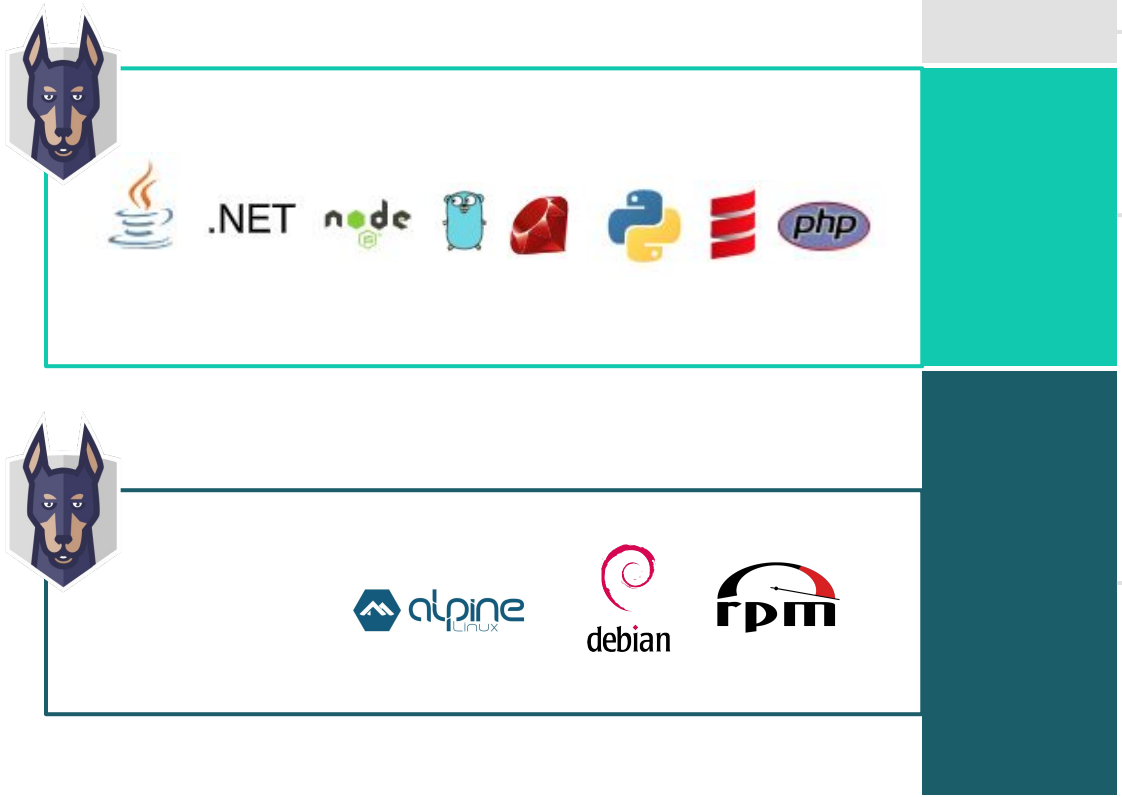
Source:
https://www.prnewswire.com/news-releases/open-source-vulnerabilities-soar-an-additional-40-percent-in-2017-300556046.html

SOFTWARE STACK



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Pipelines and Automation

Ships your code seamlessly

Containers

New deliverables for dev teams

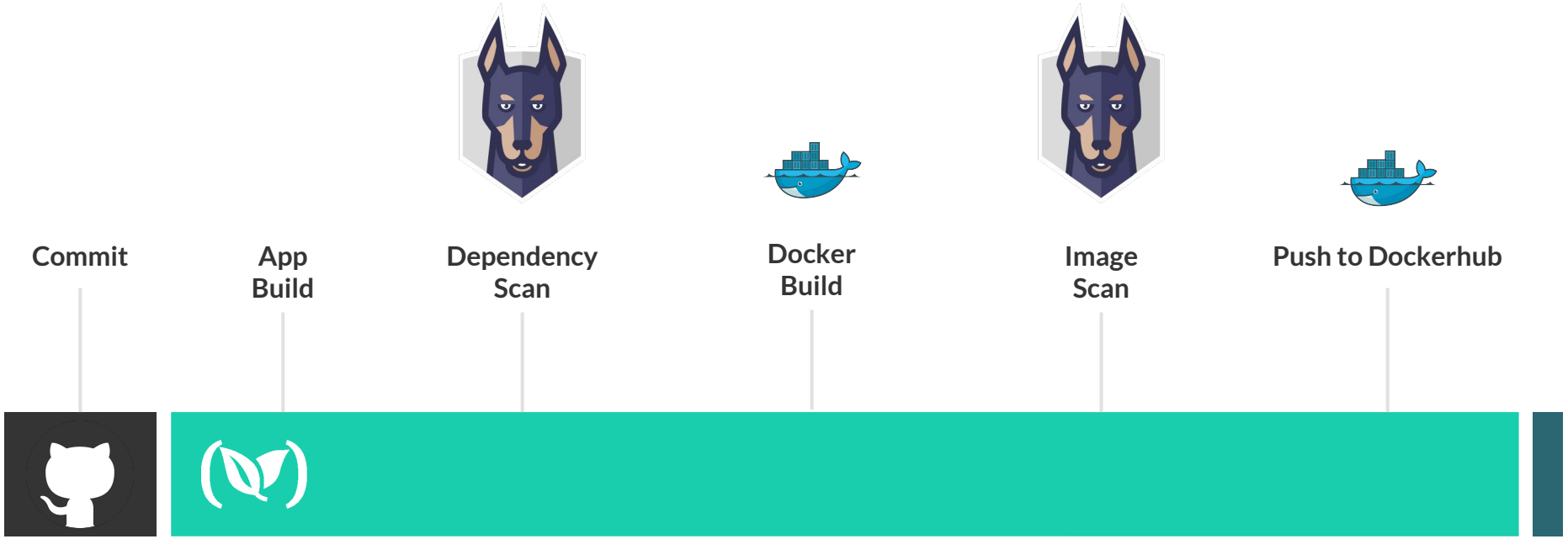
Security

Is everyone’s responsibility

Let’s bake this in

Both App sec and OS Sec

OUR APP PIPELINE



Try it:

https://github.com/snyk-playground/codefresh-pipeline-snyk-app-docker-scan

Codefresh Plugins

Code Scan

Scan for vulnerabilities packages in Go, NPM, Java, and many more.

Docker Scan

Finds vulnerabilities in RPM, Debian, and Alpine Package Managers

Try it:

https://github.com/snyk-playground/codefresh-pipeline-snyk-app-docker-scan

Thank you

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