

Keep your images small!

With Multi-Stage Dockerfiles



\$ Paul Reichelt



CTO & Co-Founder of VLEK Technology



Coding Go, JavaScript & C#



Implementing DevOps



Docker



@reicheltp



<http://vlek.co>



\$ show benefits

- ✓ Pull faster
- ✓ Scale faster
- ✓ Less disk space

Result



Save Time



Save Money

Multi Stage Build

Requires Docker `>= 17.05`

\$ show numbers

	GO	NodeJS	Java
Fat	769 MB	708 MB	756 MB
Fat & Alpine	329 MB	107 MB	122 MB
Multi	114 MB	670 MB	546 MB
Multi & Alpine	17.7 MB	69.3 MB	87.2 MB
	98 %	90 %	89 %



Always Use Alpine



Use Multi-Stage for AOT Compiled Languages

```
$ ls ./info
```

Image



Base Libs



SDK



Source Code



APP

Multi Stage



Base Libs



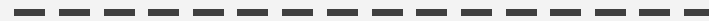
SDK



Source Code



APP



Runtime



APP

\$ show demo

Grab on GitHub: <https://git.io/vd5Yc>

\$ exit

Follow me @reicheltp