



docker

for Developers

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Why Docker?

- Isolated & standardized environment
 - Avoid “DLL hell”
 - [Not a new idea](#)
- Virtualization is heavy
- It’s written in Go
 - See [“What is a container, really? Let’s write one in Go from scratch”](#)
- Go compiles to static executable, but we still have assets
 - And sometimes we use DLLs
- Great ecosystem
 - compose, swarm, kubernetes, GCE, ECS ...



Why Not?

- Yet another level of orchestration
- Containers can get big
- See more [here](#) :)



A Bit on Terminology

- Images
 - Think of them as executable file
 - Built in layers
- Containers
 - Think of them as running processes (where the image is the executable)
- Registry
 - Where you can find images
 - Typically <https://hub.docker.com/>



Let's Roll

<http://bit.ly/goil-d4d>

