

Transitioning from Packer to Docker



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Overview



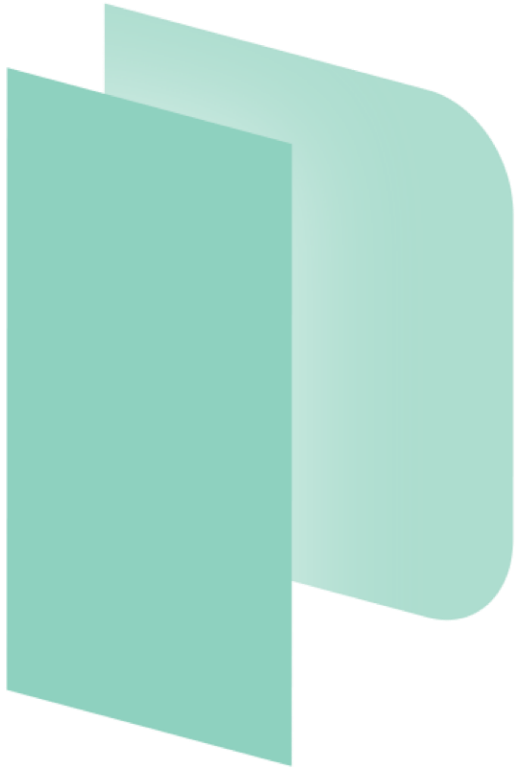
Packer vs Docker, Fight!

- Differences
- Why Switch? When?

Packer and Docker – Playing Nice

- Transition to Docker
- Hybrid Environments

Packer – What We've Got Now



Images for cloud and on-premise

- Near-identical

Source controlled

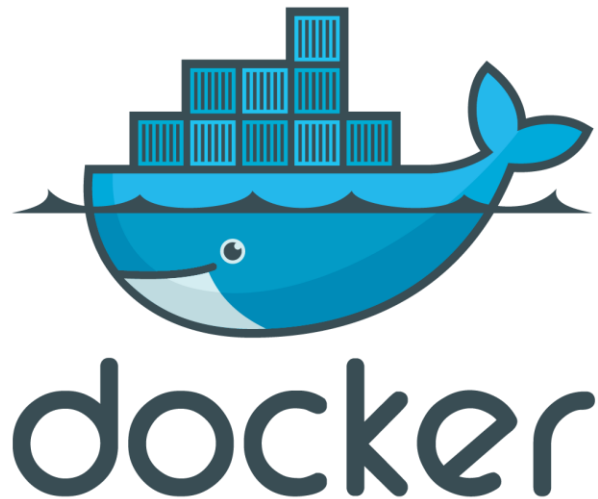
Easy updates, easy rebuilds

Minimal code duplication

- Integration with existing systems



Docker – What Else Do You Get?



Binpacking

- Deployment flexibility
- Maximized server utilization

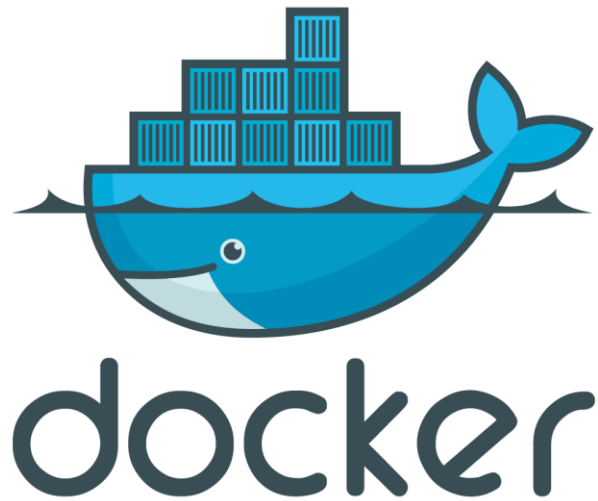
Speed

Built-In Versioning

Containers – Identical Across Environments



Docker - Disadvantages



Orchestration and Scheduling

- No longer using built-in platform tools

Monitoring

Service Discovery

No Windows Support (yet)

Should I Switch?

Stick with Packer

Windows/Linux mixed environment

Simplicity / built-in tooling

Small IT departments

If it ain't broke...

Move to Docker

Linux-only apps

Minimize per-month infrastructure costs

Perfectly identical environments

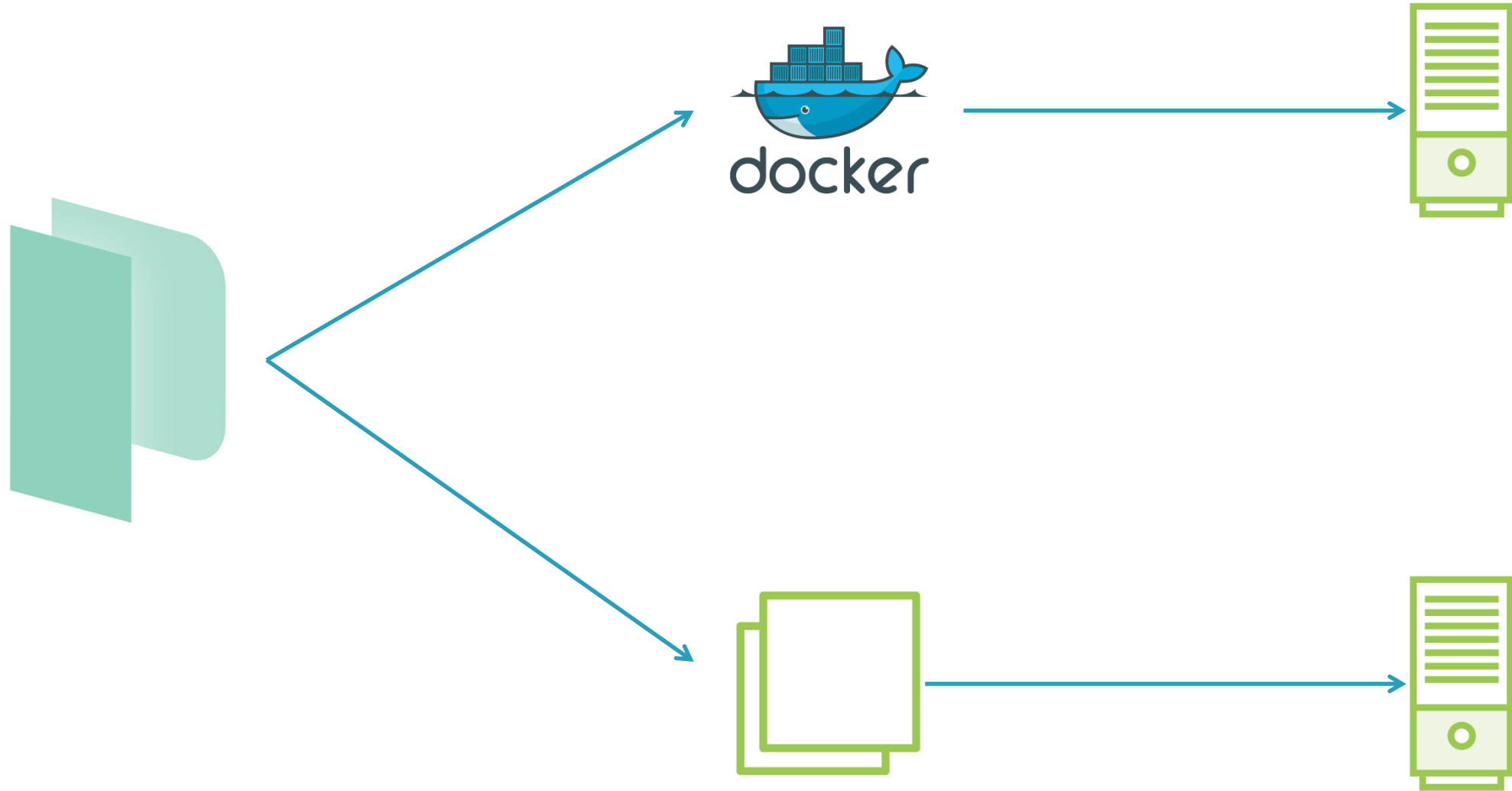
Developer and management support



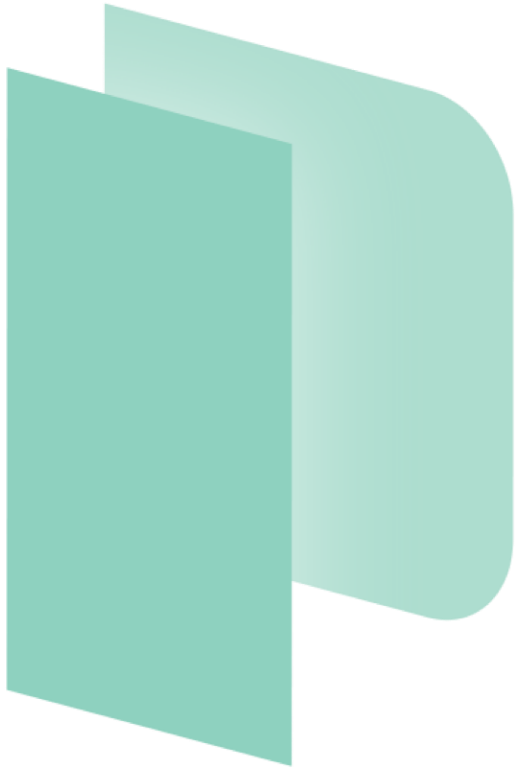
Why not both?



Packer - Hybrid Builds



Packer – Hybrid Builds



Docker builder

- Functional, less efficient containers
- Familiar syntax

Built in parallel

Gradual transition from Packer to Docker



Demo



Docker Builder!

- Export to file
- Push to Docker Hub

Hybrid Globomantics Middle-Tier



Summary



Docker

- When, why, how

Packer with Docker

- Easy!



Course Summary



Packer – Powerful, Simple, Flexible

Images – Multiple Providers

Integrate with Other Tools

Try it today!



Thanks for Watching!



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