Containers from scratch

Liz Rice
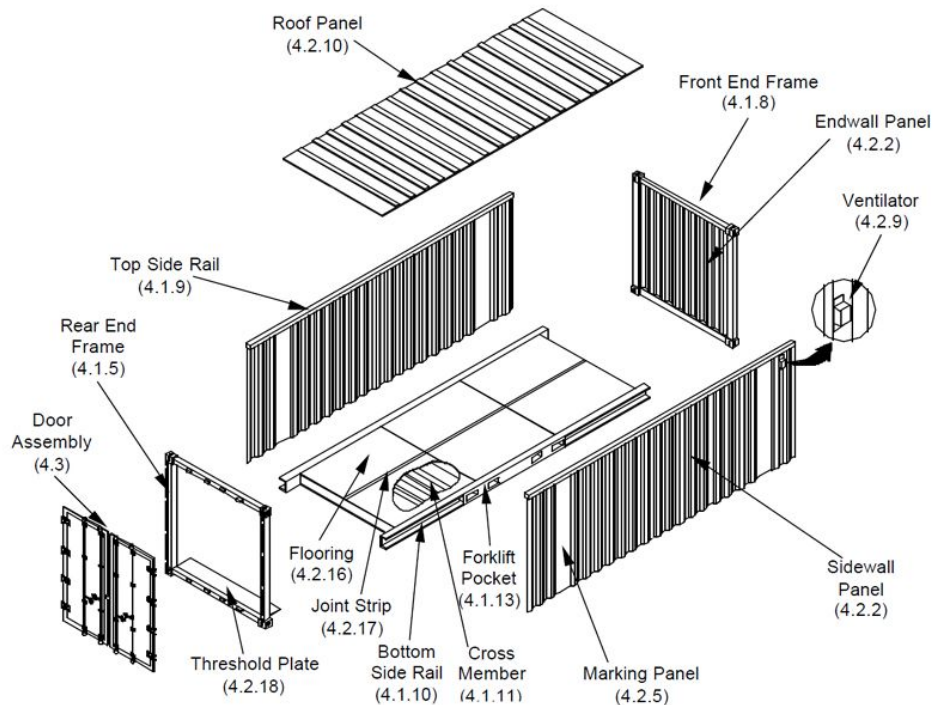
Aqua Security

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Build my own container in Go

- Namespaces
- Chroot
- Cgroups

docker run <image>

Namespaces

- What you can **see**
- Created with syscalls

  - Unix Timesharing System
  - Process IDs
  - Mounts
  - Network
  - User IDs
  - InterProcess Comms

CGroups

- What you can **use**
- Filesystem interface

  - Memory
  - CPU
  - I/O
  - Process numbers
  - ...

aqua

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```

github.com/lizrice/containers-from-scratch
github.com/aquasecurity/microscanner

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