Building custom FreeBSD images

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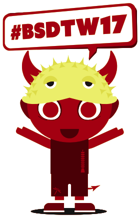

Taipei
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Gandi

gandi.net

- Domain names
- SSL Certificates
- Simple hosting
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- An office here in Taiwan
- Website in ZH-HANT and ZH-HANS
- Support in Chinese

Poudrière

- Clean room package building
- Used in the FreeBSD cluster
- System stress tool
- Consistently non pronounceable

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- extremely easy to use

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  - custom packages
  - minimalistic images
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  - custom patches on the source tree
  - custom packages
  - minimalistic images
  - custom configuration files
- FreeBSD base VM images (for customers)
  - Vanilla FreeBSD
  - Few packages
  - Custom configuration files
  - Custom script to add to the base system
- Fast to regenerate (rebuilding is time consuming)

FreeBSD

State of art

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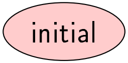

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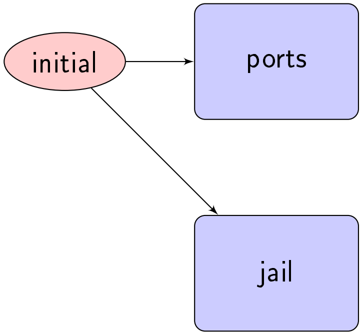

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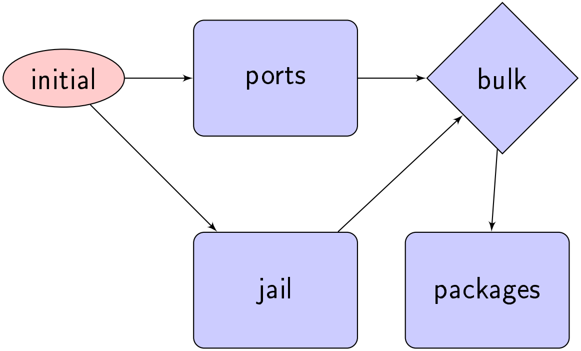

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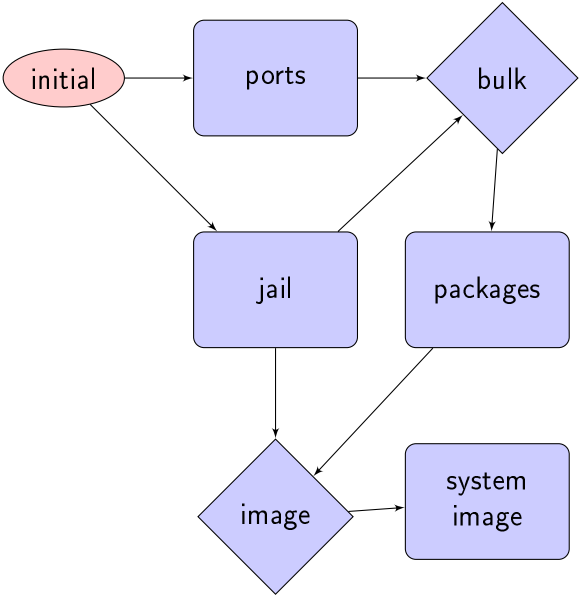

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6. apply an overlay or top of the system
7. generate the final image
8. profit

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  - support extra for both ports and source tree
  - overlay (specific code/configuration) can be isolated
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- to come:
  - ports overlay to allow working with a vanilla ports tree

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- add zfs snapshot output

Questions?

Thanks