

Data Center Automation at Shopify

David Radcliffe



History

Spreadsheets

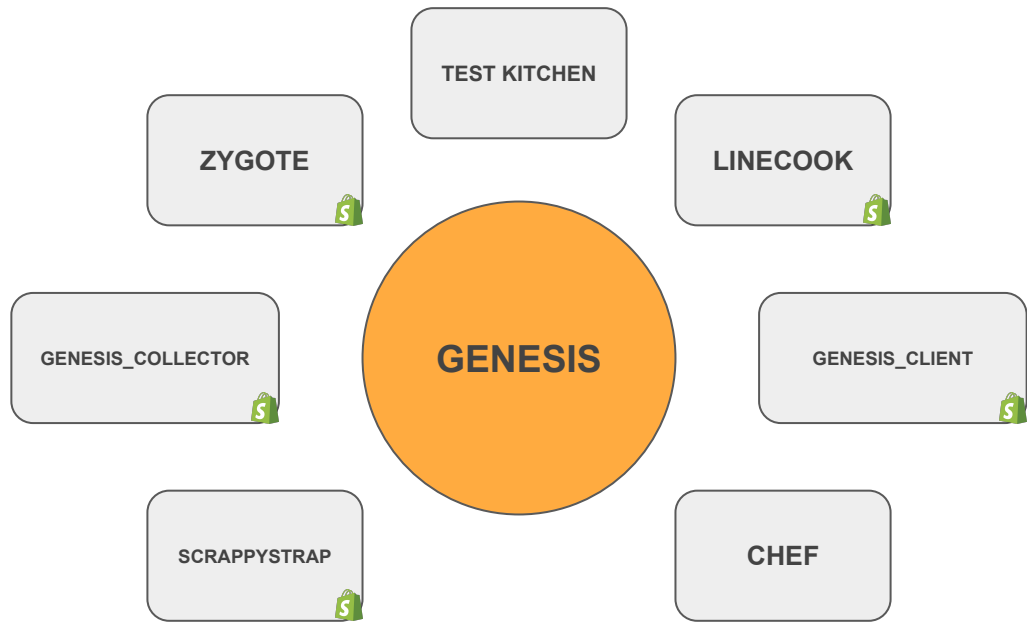


Collins

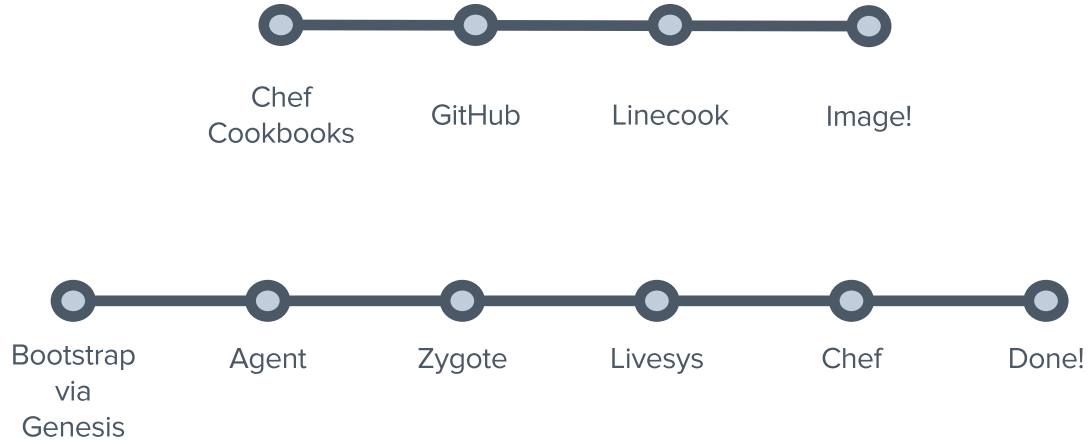


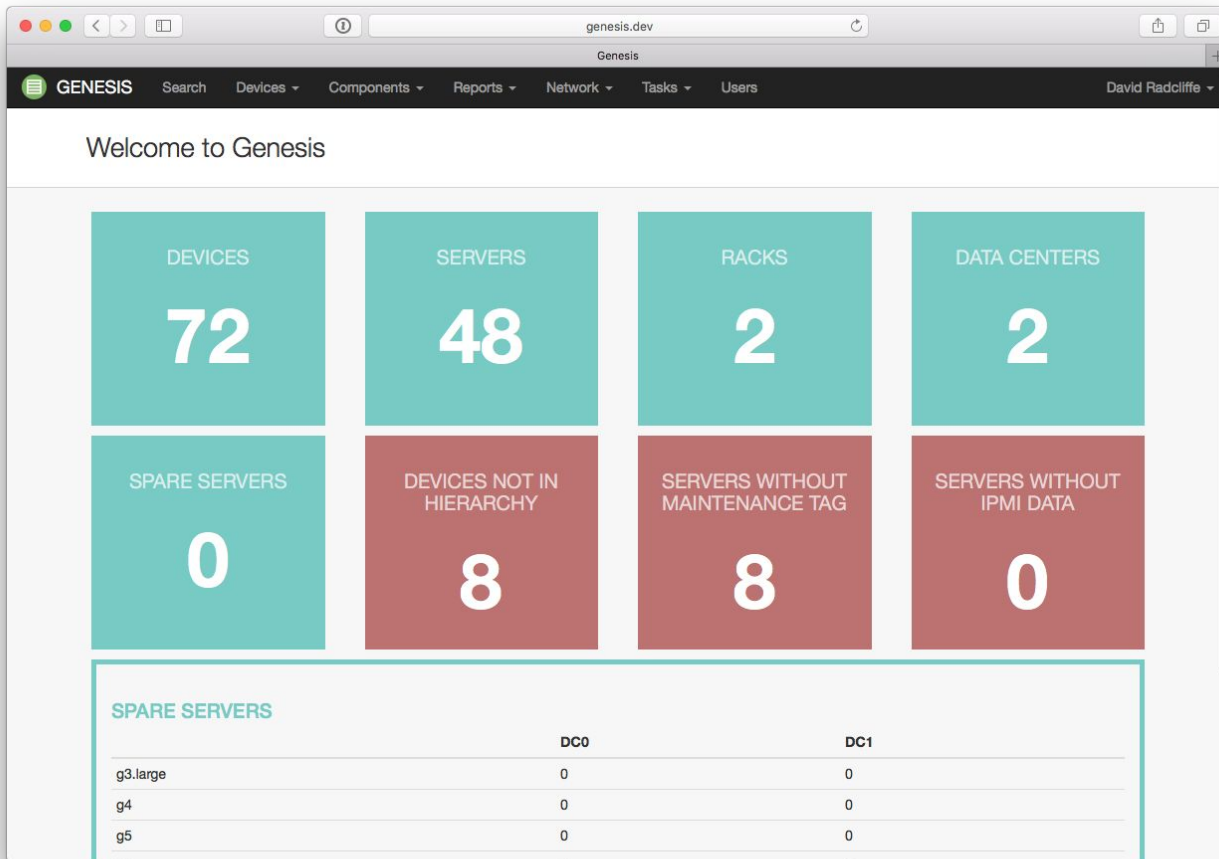
Goals

- Keep track of our fleet of equipment and components
- Accurate information to inform our supply chain
- Automate our provisioning pipeline



Bootstrap Pipeline





genesis.dev/servers

Servers - Genesis

GENESIS Search Devices Components Reports Network Tasks Users David Radcliffe

<input type="checkbox"/>	sku-1a6120c0-0711-496e-b908-8d79ec36713b	DC0-ROOM0-CAGE0-RACK100-0405-B	faker5.example.com	Allocated	October 03, 2016 15:38
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Office Hours

Meet members of Shopify's production engineering team at our booth and chat with us about the following topics:

Monday

10 am to 1 pm	Handling Massive Flashes of High-Write Traffic
1 pm to 3:45 pm	Road to an SRE Model
3:45 pm to 6:30 pm	Tools for Tracking Service Infrastructure at Scale

Tuesday

10 am to 1 pm	Auto-deploying Anywhere and At Any Time
1 pm to 3:45 pm	Road to an SRE Model
3:45 pm to 7:00 pm	Automating Data Center Deployments

Keep In Touch

- Check out our blog at shopify.com/engineering
- Follow us on Twitter at [@shopifyeng](https://twitter.com/shopifyeng)