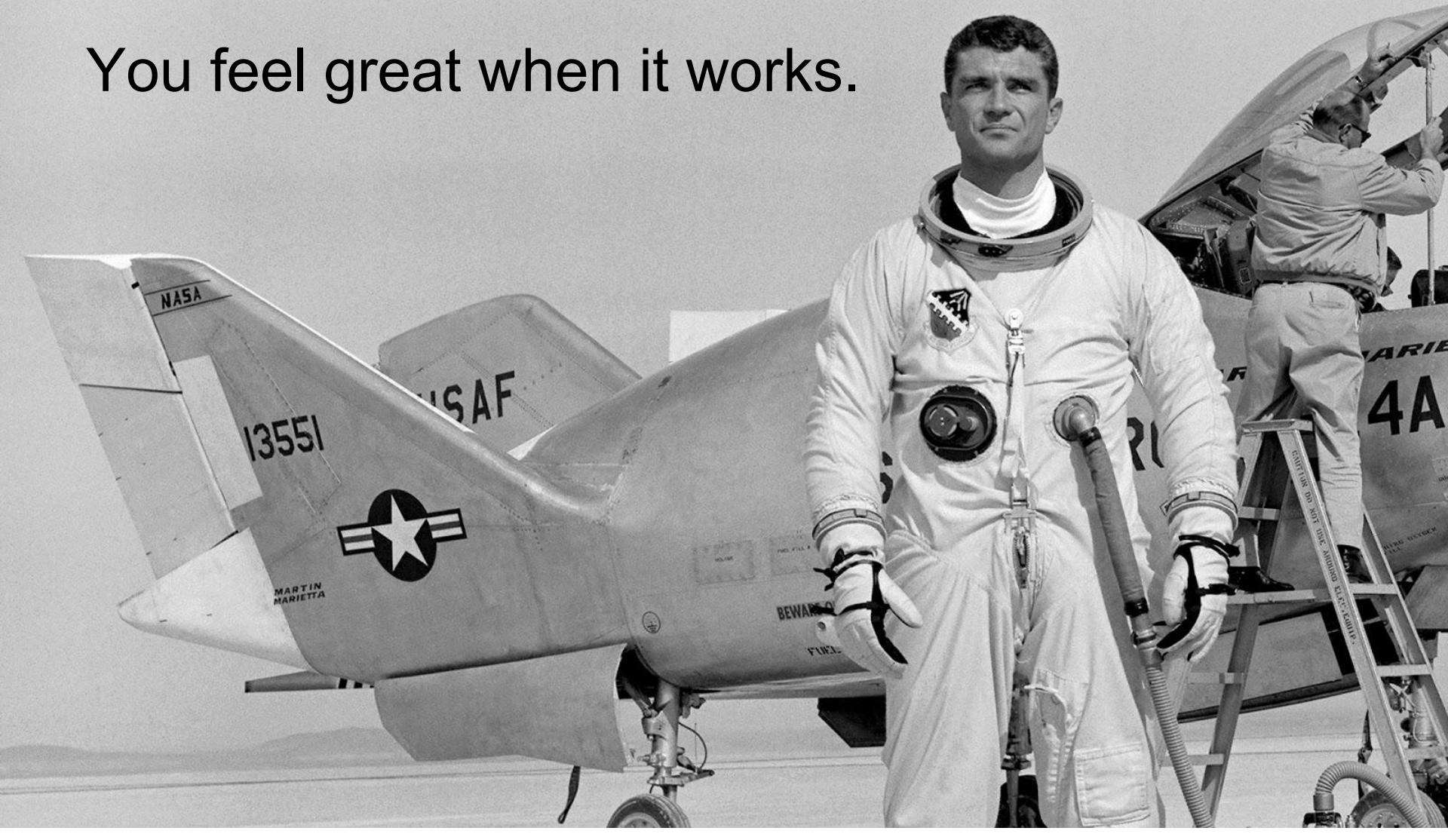


Django & Heroku

Hosting your project on Heroku

Takeaways (1 / 3)

You feel great when it works.



Takeaways (2 / 3)

Expensive to make it work properly.

A black and white historical photograph showing a massive amphibious assault. In the foreground, the hulls of landing craft are visible, with soldiers in full combat gear and equipment sitting in the water, ready to go ashore. The water is choppy, and the sky above is filled with dark, heavy clouds. In the distance, a long stretch of beach and the silhouettes of buildings under a cloudy sky are visible. This image serves as a powerful metaphor for the cost of making something work properly, as indicated by the text above.

Takeaways (3 / 3)



YOU WILL NOT NEED IT!

Except for big-clients with indeterminate traffic spikes.

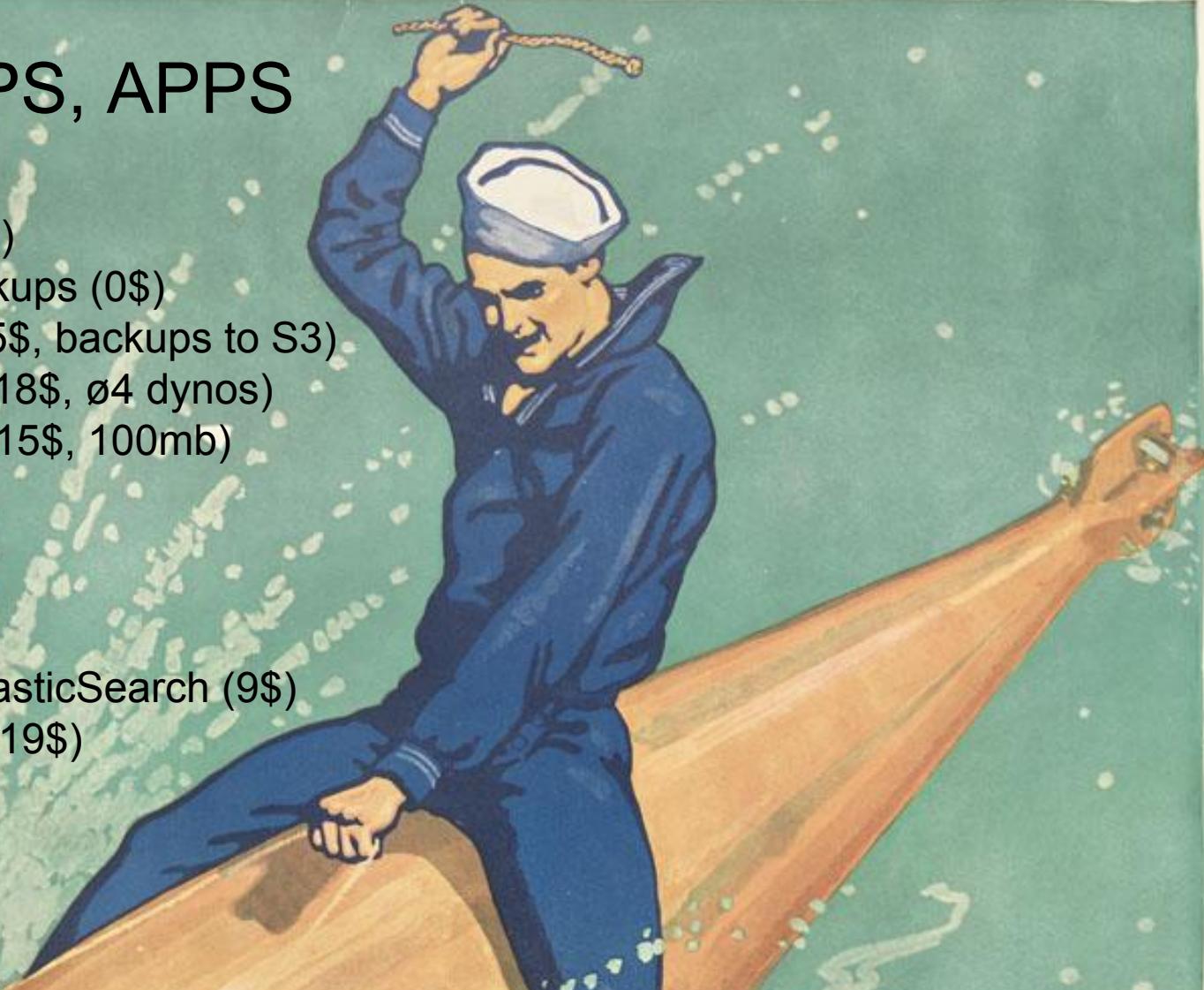
Heroku is great (1 / 3)

APPS, APPS, APPS

- Postgres (50\$)
- Postgres Backups (0\$)
- Logentries (45\$, backups to S3)
- Adapt Scale (18\$, Ø4 dynos)
- Memcached (15\$, 100mb)
- Sendgrid (0\$)

Optional:

- Searchbox ElasticSearch (9\$)
- CloudAMQP (19\$)



Heroku is great (2 / 3)

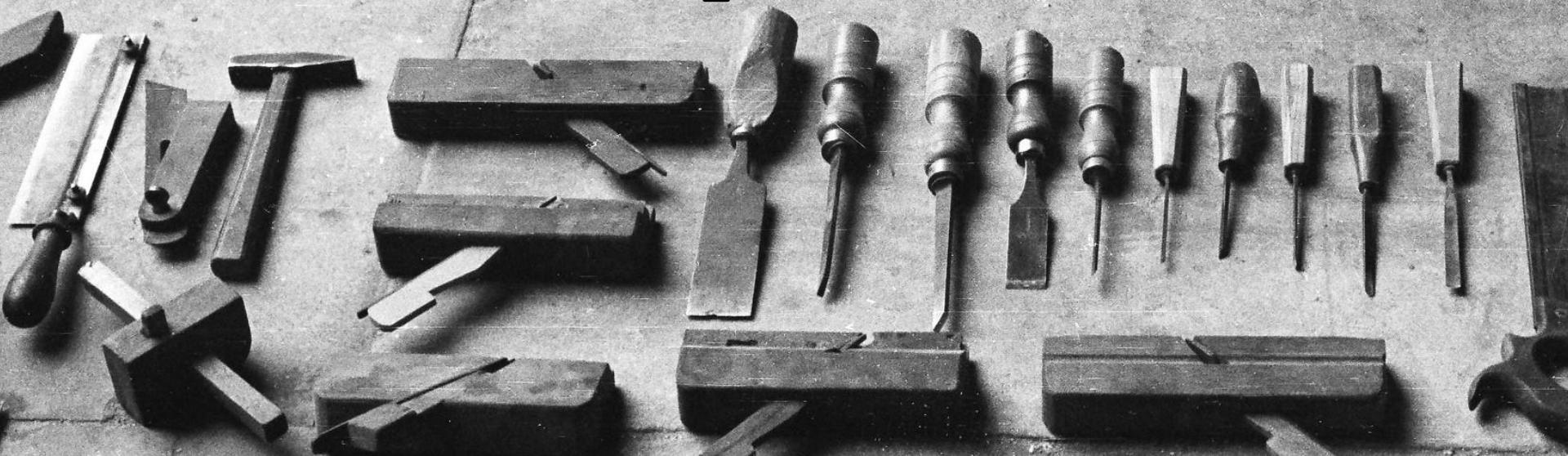
Toolbelt

```
$ heroku run 'python manage.py shell_plus'
```

```
$ heroku config:set DEBUG=True
```

```
$ heroku pgbackups:url --app myproject
```

```
$ heroku pg:reset DATABASE_URL --app myproject-dev
```



Heroku is great (3 / 3)

Good Documentation

<https://devcenter.heroku.com/articles/getting-started-with-python>

<https://devcenter.heroku.com/articles/getting-started-with-django>



Heroku is Expensive (1 / 4)

- 
- APPS are expensive.
 - 128\$ for my minimum setup.

Heroku is Expensive (2 / 4)



- Dynos are expensive.
 - Run 2 Dynos: 34\$
(1 is free. Sleeps – if idle)
 - Rule of thumb:
1 heroku-dyno -> 3 gunicorn workers.

Heroku is Expensive (3 / 4)

A black and white photograph of a massive outdoor concert crowd filling a stadium. In the foreground, several people are seen from behind, looking out over the vast audience. A stage is visible in the distance, with banners for "Bergene SJOKOLADE" hanging across it. The background features a dense forest of tall evergreen trees under a clear sky.

Bad Performance.

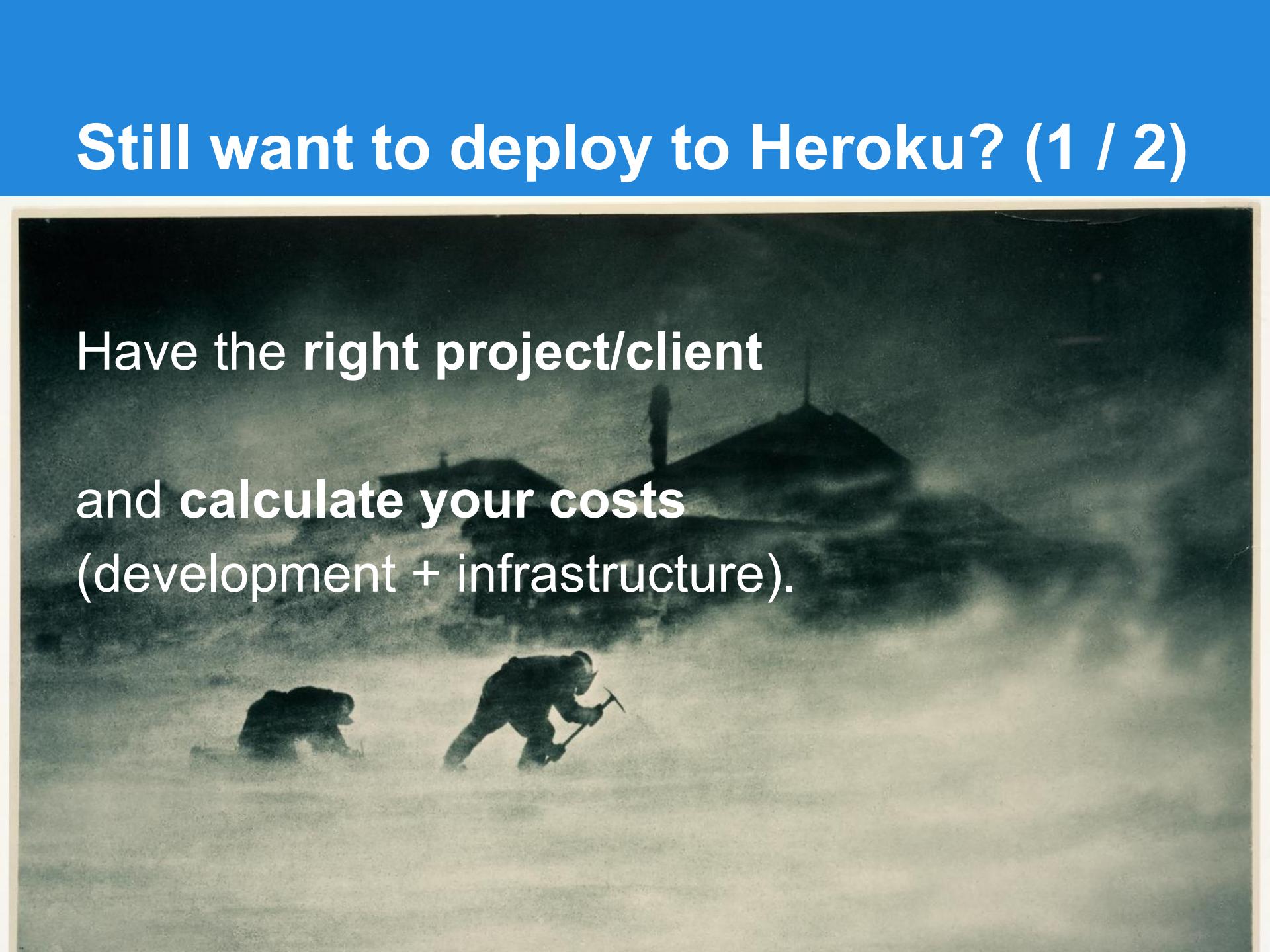
- Laptop vs. Heroku
vs. Bare-Metal
- Lots of caching. [1]

Heroku is Expensive (4 / 4)

Special Environment

- Upload media files to cloud [1]
- No dirty-fixes via SSH [2]
- Settings via Environment [3]
- Customizing your build is hard [4].
- Heroku-Patches (pylibmc) [5]
- No Cronjobs (worker or celery)

Still want to deploy to Heroku? (1 / 2)

A black and white photograph showing a person from behind, crouching and digging in a field with a shovel. A very long, dark shadow of the person and the shovel is cast across the light-colored ground in front of them. The background is a dark, textured sky.

Have the **right project/client**
and **calculate your costs**
(development + infrastructure).

Still want to deploy to Heroku? (2 / 2)

Rule of Thumb:

**Use Heroku,
when marketing budget hits your project.**



Thanks!

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Django Freelancer