## Things to watch out for

- Stick to schema, leave data transformation out (unless it's needed for schema change)
- Running inside a VPC vs. from outside a VPC (for AWS users)
- Testing unit test your migrations, but....
  - Don't re-migrate your DB from scratch for *every* test, use <a href="mailto:create\_all()">create\_all()</a>
  - Consider swapping in SQL lite
- Conflicts (two HEADs) happen now and again
- Slow deploys (due to long running ops, such as indexing deploy alone)

## Wrap Up

- The evolution of your relational DB schema over time should be managed programmatically to ensure consistency, traceability and ease of replication
- This used to be a lot of work, but thanks to these great OSS tools, all it takes is a little discipline and some RTFM to make this job a minor footnote as you bootstrap your next project.