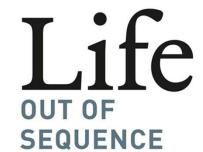


Beyond Bermuda

Challenges for Open Data from Biology

24th October 2017 Hallam Stevens (History, NTU) HALLAM STEVENS



A DATA-DRIVEN HISTORY OF BIOINFORMATICS

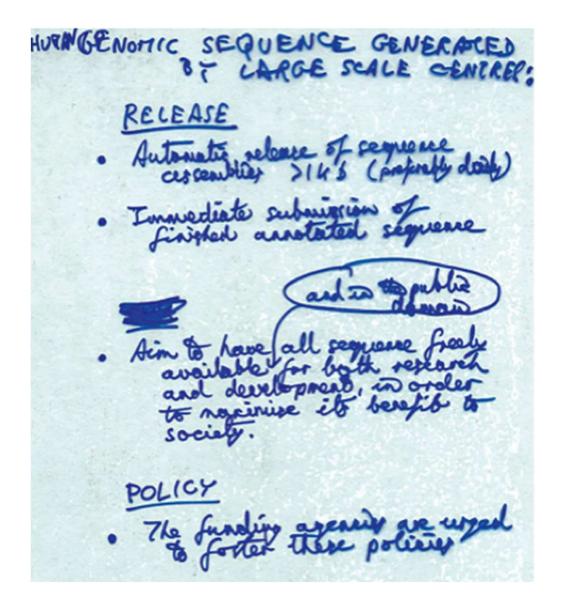


• Bermuda and a history of open access

• Reflections from Santa Cruz

• Gigascience





Kathryn Maxson Jones, Robert Cook-Deegan, and Rachel A. Ankeny. "The Bermuda Triangle: The Politics, Principles, and Pragmatics of Data sharing in the History of the Human Genome Project, 1963-2003" *Journal of the History of Biology* (forthcoming).

Bermuda 2.0: Reflections from Santa Cruz



- Jenny Reardon
- Rachel A. Ankeny
- Jenny Bangham
- Katherine W. Darling
- Stephen Hilgartner
- Kathryn Maxson Jones
- Beth Shapiro
- Hallam Stevens
- Scott C. Edmunds
- Julie Harris-Wai
- David Haussler
- Robert H. Waterston

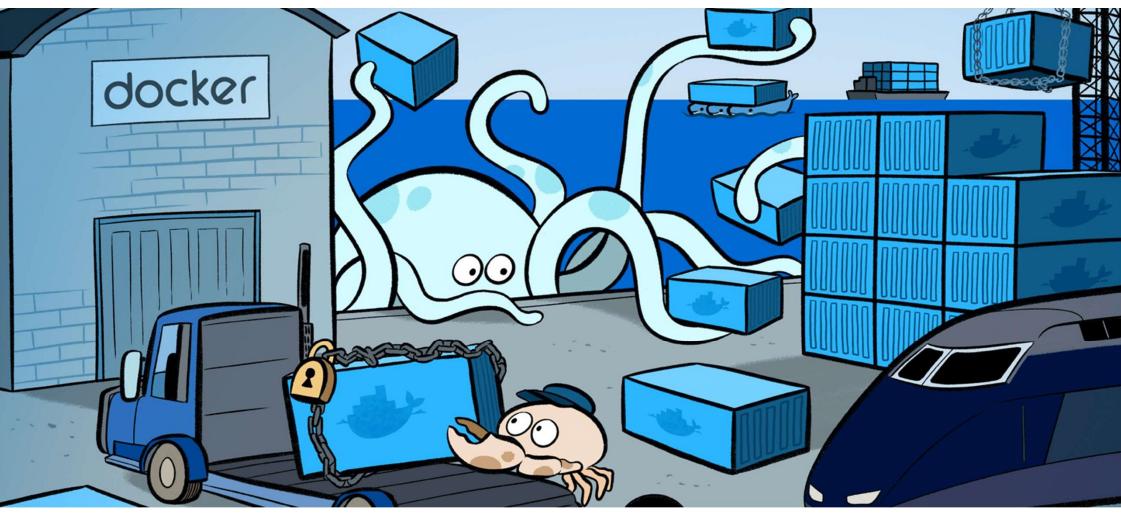
https://academic.oup.com/gigascience/article/doi/10.1093/gigascience/giw003/2756884/Bermuda-2-0-reflections-from-Santa-Cruz

• What is data?

• What is sharing?

• What is the public good?

GIGA)ⁿ SCIENTE



"Developers using Docker don't have to install and configure complex databases nor worry about switching between incompatible language toolchain versions. When an app is dockerized, that complexity is pushed into containers that are easily built, shared and run. Onboarding a co-worker to a new codebase no longer means hours spent installing software and explaining setup procedures. Code that ships with Dockerfiles is simpler to work on: Dependencies are pulled as neatly packaged Docker images and anyone with Docker and an editor installed can build and debug the app in minutes."