

Research Computing RSE for the Humanities and Social Sciences

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Updates

- We've moved from IDG to the RTP department as part of Research Computing as of 1st August 2023.
- Currently recruiting replacement for James Tripp who left in October.

Some Context

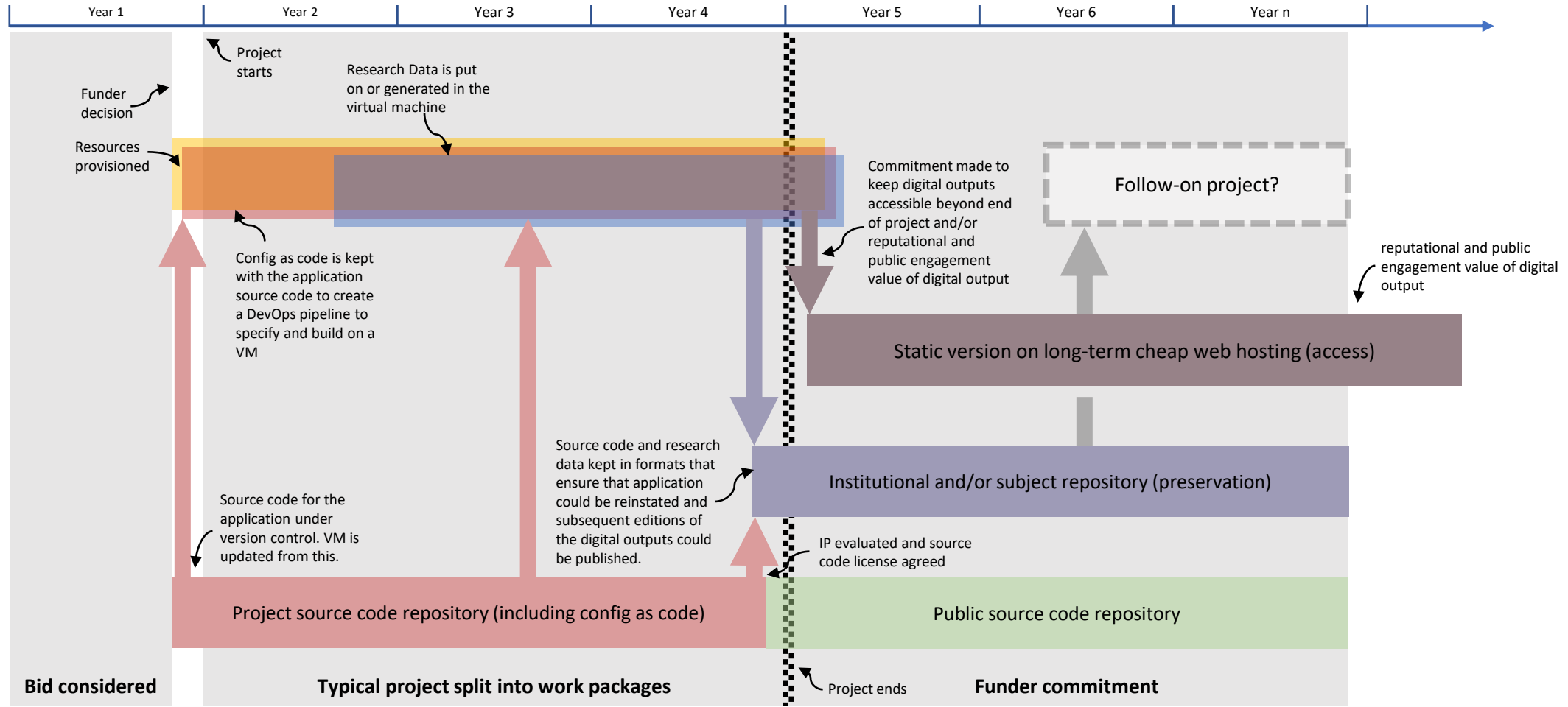
- 14 live instances of Omeka Classic (LAMP) with custom theming
- 1 instance of Omeka Classic turned into a served static site
- All instances working with open research data
- Source code between gitlab/github
- VMs managed via Ansible
- A trend towards static sites from the start or static ASAP.

Virtual Machine

Source code

Research Data

Humanities Research Software Lifecycle



Current focus

Containerisation first (docker-compose)

- Better application patching and update management
- Improved reproducibility and quality of archive package
- Flexibility development environments
- Integrated with DevOps pipelines with Github Actions

Create a Codespace per project



- Low barrier to entry to web development environments for the non-docker using Humanities scholar
- Can publish to a publically accessible URL for on-demand testing which reduces our VM count and environmental footprint
- Collaboration opportunities both external and remote pair coding via 'live share'

Use of Codespaces

- Using it with open research data/test data
- Integration into VS Code is very pleasing.
- Can be slow unless using prebuild
- A route for allowing people to play with code rejected by the ITS Linux Hosting
- Spent time on configuring the codespace via devcontainer.json to bring the application up on-load.
- Education license gives you access to Github Pro.
- Codespaces is expensive. Pro account doubles the free tier provision. Not enough to use it as primary development environment.

[Codespaces \(github.com\)](https://github.com)