



ArchivesSpace

a community served by ✦ LYRASIS

A Day in the Life of the ArchivesSpace Technical Lead



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What is a Technical Lead?

- An experienced software developer who provides oversight for both a software application and the resources – including developers – needed to maintain the application
- An effective technical lead establishes a technical vision for the application and works with developers to turn it into reality.





Major Responsibilities

- Oversee and manage configuration and development of ArchivesSpace software and related documentation
 - including both the parts of the application a user sees and the underlying infrastructure required for the application to work
- Maintain software to build, package, and deploy application to development, test, and production environments
- Create and sustain an active developer community
 - Lead Core Committers Group
- Supervise all development work and code changes, including management of the community code contribution process and management of technical contractors
- Provide bug fixes and other code for the application
- Represent ArchivesSpace at relevant technology conferences and in the developer community





Typical Day

- Review new issues and pull requests in GitHub
 - Make comments in the issue or pull requests if clarification is needed
 - Assign pull requests submitted by community members to Core Committers Group members for review
- Morning standup – talk about accomplishments from the day before and plans for the current day
- Check in with co-op student to help her with getting the indexer to run for some testing
- Deadline for next release is approaching and program manager is making a decision about how long the developers can continue to work to get highest priority work in – talk through several possible scenarios
- Attend TAC and UAC team meetings
- Review work done by contractors – identify some issues and suggest some alternate approaches to address them
- Someone has approached the program manager about development they're planning to start – take a look at the specification and talk to program manager about any technical implications
- GitHub says there's a security issue with one of the gems used by ArchivesSpace – do some research about how to resolve the problem
- In between: write code





What I can help you with

- Advising on the technical possibilities or implications of a change to ArchivesSpace
- Working with other programs on the technical side of an integration with ArchivesSpace
- Connecting you with other members of the Core Committers group to help you write code
- Getting you excited about contributing to ArchivesSpace





What you can help me with

- If you are a developer, consider contributing code for ArchivesSpace
- If you really enjoy writing documentation, consider working on the technical documentation team
- Talk up ArchivesSpace with developers at your institution or others you know - encourage them to contribute code for ArchivesSpace
- Remember anyone can contribute to ArchivesSpace – talk to me or others on the Core Committers Group about contributing code and the technical documentation team about contributing documentation for ArchivesSpace!

