

# Scholarly Commons Capstone



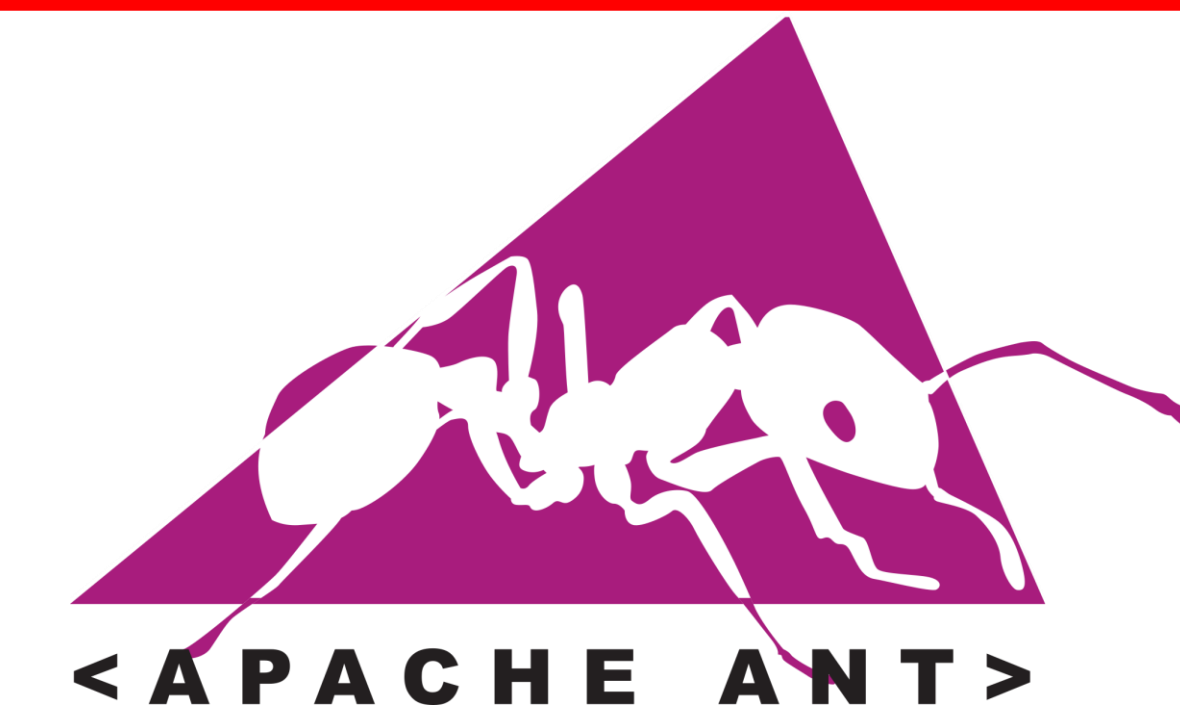
**Maven™**



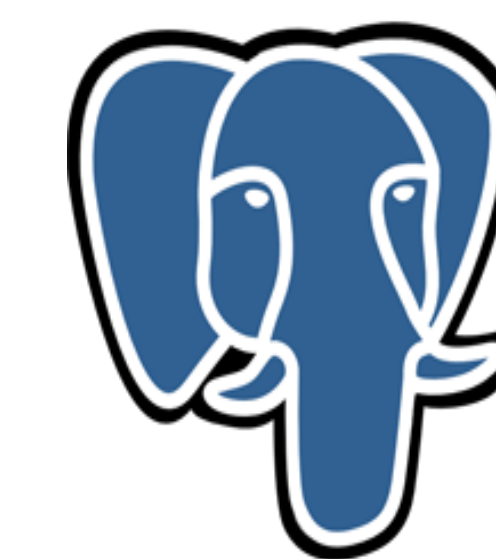
**Java™**



**TOMCAT**



**<APACHE ANT>**



**PostgreSQL**

## What is DSpace?

- Open source media repository
- Used by universities and large institutions to host scholarly work and open source content
- Back end:
  - Java, Spring MVC, Cocoon, PostgreSQL
- Front end:
  - XML, CSS, JavaScript, Themes

## Project Description

- Creating a profile module for DSpace
- Host personal and contact information for scholars
- Work with DSpace's XMLUI user interface
- Post information such as scholar's names, photos, and research

## Challenges Overcome

- Installing DSpace
- Lack of DSpace documentation
- Adding pictures to HTML
- SQL injection
- Learning new technologies

## Future Work

- Integrate with DSpace's account system
- Refactor class system, to minimize code reuse
- Add browse button to upload a picture
- Publish to open source community