Replace Authentication and Authorization code in DSpace with a 3rd-party framework

Introduction

This is a page for discussion, planning and progress updates regarding replacing the existing Authentication and Authorization code in DSpace with a 3rd-party Authentication and Authorization framework, hopefully as a contribution to DSpace 5.x.

If you are interested in collaborating on this project, please add your name under the "Potential Collaborators" section. Thanks!

Proposal

Rather than continually modifying the legacy authentication and authorization code in DSpace, we should adopt a 3rd-part framework to provide these same services to the DSpace applications. This will hopefully strengthen our authentication and authorization code, and allow our work in this area to help other projects with similar needs.

This proposal was discussed at the DSpace Developers' Meeting on 2014-02-19

Background

Prior discussion of AuthZ here:
https://wiki.duraspace.org/display/DSPACE/AuthorisationSystem

Potential Frameworks

framework	pro	con	notes
Apache Shiro	large community, used by Fedora Futures		
JAAS	used by Fedora Commons 3.x		
Spring Security	we already use other parts of Spring		

Potential Collaborators

Hardy Pottinger

Mark Wood

Ivan Massár

Pascal-Nicolas Becker

Monika Mevenkamp