Libraries consortium portal and proxy pilot

Introduction

This pilot aims to showcase how the **SP-IdP proxy** architecture (see also AARC Blueprint Architecture) can be utilsed by a library consortium in order to reduce the number of interactions between IdPs and SPs from both a technical and trust point of view, while preserving the privacy of users.
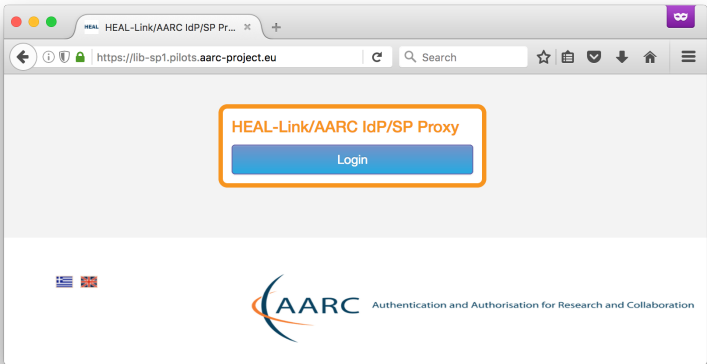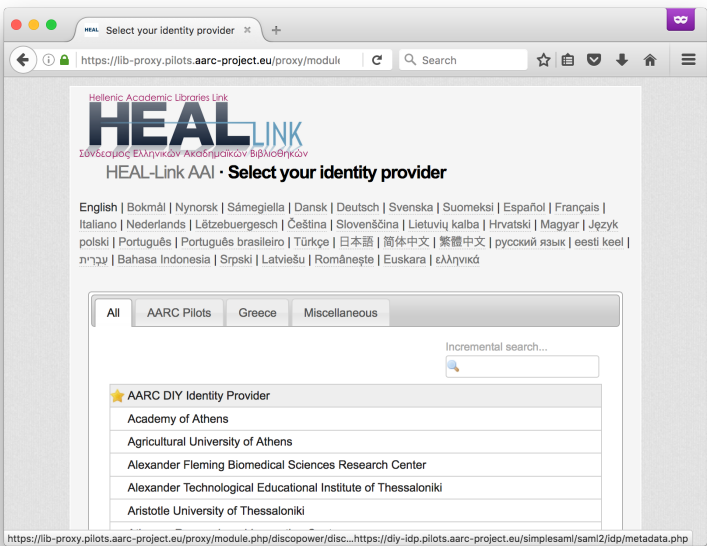
Detailed description

A detailed description of the aim and approach of this pilot and how it maps in the AARC Blueprint Architecture is available here
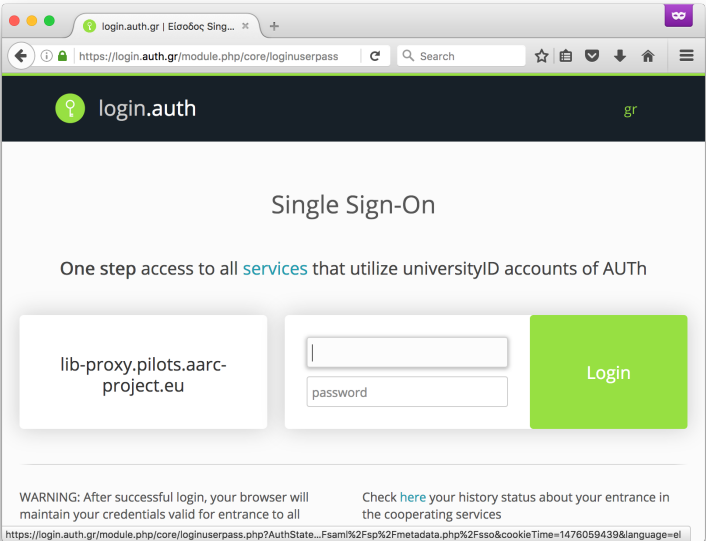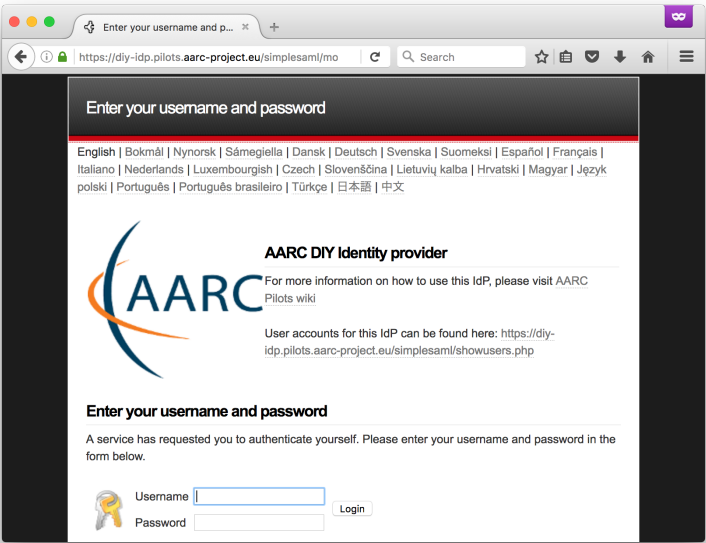
Demonstration portal

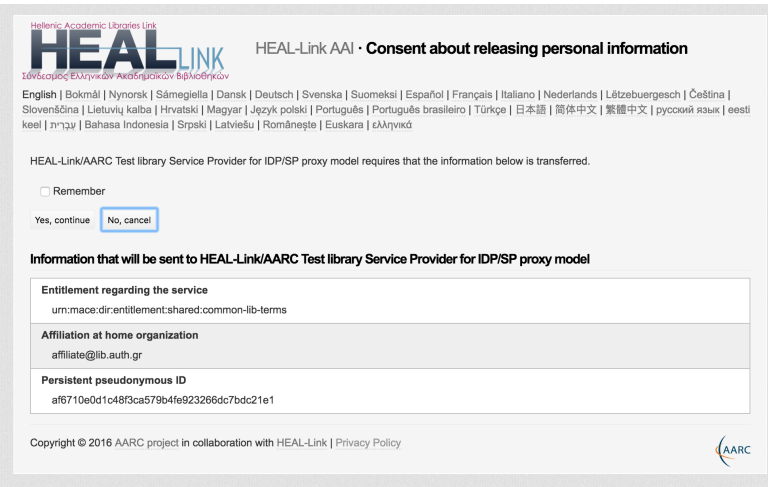For the purpose of this pilot, we have enabled federated access to a Demo Library Service Provider.
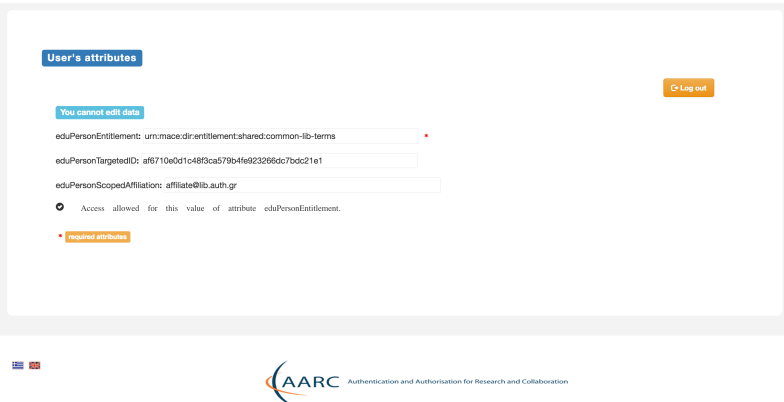
Workflow

1.	Access the Demo Library Service Provider Portal at https://lib-sp1.pilots.aarc-project.eu	
2.	Click **Connect** and select your Identity Provider from the discovery page (WAYF). You may select any of the following options: • **AARC DIY Identity Provider** (you can find test user credentials for this IdP here) • **Aristotle University of Thessaloniki** (you will need a valid institution account)	

3.	Enter your login credentials to authenticate yourself with the IdP of your Home Organisation.	
4.	After successful authentication, you may be prompted by your Home Organisation to consent to the release of personal information to the **AARC/HEAL-Link libraries pilot service provider proxy**	

5.	On the HEAL-Link AAI Consent about releasing personal information page, click **Yes, continue** to consent to the release of personal information to the **HEAL-Link Test library Service Provider**. If you select the **Remember** option, your browser will remember your choice unless you clear your cookies or restart the browser.	
6.	Once redirected to the Portal Portal you will be presented with the attributes released by your Home Organisation. An appropriate information message indicates whether access is allowed or not. This is determined based on the value of the `eduPersonEntitlement` attribute.	

Components

- SimpleSAMLphp (version 1.14 incorporating PR #344: Add Greek support)
- Memcached (version 1.4.21)
- Shibboleth (Service Provider version 2.5.3 for the Demo Portal)