TDL and Shibboleth

Jay Paz
AGENDA

- Shibboleth Introduction
- Shibboleth and TDL
- TDL Federation
- Looking Ahead
What is Shibboleth?

Shibboleth is a set of network services to provide federated authentication & metadata exchange.
What is Shibboleth?

- Identity Provider
- Service Provider
- Where Are You From
- Federation
What is Shibboleth? Service Provider
What is Shibboleth?

Where Are You From?

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<thead>
<tr>
<th>Texas Digital Library Institutions</th>
</tr>
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<tbody>
<tr>
<td>ATM</td>
</tr>
<tr>
<td>University of Texas at Austin</td>
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If your home institution is not listed then click here.

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What is Shibboleth?

Identity Provider
What is Shibboleth?

Federation

Service Providers (SP)
Needs authentication information
- Repository Service
- Preservation Service
- Publishing Service

Identity Providers (IDP)
Provides authentication to an SP
- Texas A&M University
- University of Texas
- Texas Tech University
- Texas Digital Library

1. Where are you from?
2. 
3.
Why Shibboleth?

- Varied Credentials
- Diverse User Group
- Common Attributes
Why Shibboleth?
Varied Credentials

🌟 Texas A&M
🌟 Texas Tech
🌟 UT Austin
Why Shibboleth?
Diverse User Group

- Students
- Faculty/Staff
- Administrators
Why Shibboleth?

Common Attributes

- Start with eduPerson
- Define Federation attributes
  - tdlUID
  - tdlHomePostalAddress
  - tdlEduPersonMajor
  - tdlEduPersonMajorCode
  - tdlEduPersonGraduationSem
TDL Federation

- Why build our own federation?
- Federation Policy
- TDL Identity Provider
- TDL Service Providers
TDL Federation
Why Build It?

★ Membership Fees
★ Low Assurance Federation
★ Lack of Texas state-wide federation
TDL Federation
Federation Policy

★ Defines the federation
★ Agreement between member institutions
★ Defines shared attributes and their format

http://tdl.org/shibboleth
TDL Federation
TDL Identity Provider

★ Why our own Identity Provider?
★ Account Creation
★ Account Management
TDL Federation
TDL Service Providers

★ Repositories
★ Journals
★ Preservation Network
★ Scholarly Communication Web Log
Looking AHEAD

- Expand TDL Federation state wide
- Identity Providers at each TDL Institution
- Shibbolize existing TDL Services
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Texas Digital Library Institutions

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At Work
At the Identity Provider

The University of Texas at Austin
What Starts Here Changes the World

UT EID

You are entering a Secure Service - please log in!

UT EID:  grendel

I forgot my UT EID or password.
I need a UT EID.

Password: **********

Help

Log In

Unauthorized use of UT Austin computer and networking resources is prohibited. If you log in, you acknowledge your awareness of and concurrence with the UT Austin Acceptable Use Policy. The university will prosecute violators to the full extent of the law. The university is not responsible for services provided by third parties authorized to use the university’s authentication service.

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Shibboleth Authentication Request Processed

You are automatically being redirected to the requested site. If the browser appears to be hung up after 15-20 seconds, try reloading the page before contacting the technical support staff in charge of the desired resource or service you are trying to access.

Redirecting to requested site...
Welcome to the Texas Digital Library Repository

The TDL Repository is composed of collections digitally archived by the five Association of Research Libraries (ARL) universities in the state of Texas. The TDL Repository serves to preserve and promote the research outputs of these universities, including electronic theses and dissertations, faculty datasets, departmental databases, digital archives, course management and learning materials, digital media, and other special collections.

Search DSpace

Enter some text in the box below to search DSpace.

Communities in DSpace

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QUESTIONS?