Apache Directory Studio

A new Open Source LDAP & Directory Tooling Platform

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Agenda

- What is Apache Directory Studio?
- Why Apache Directory Studio?
- Apache Directory Studio Architecture
- Overview of Apache Directory Studio Plugins
- Future works
- Apache Directory Community
- Links
- Q/A
What is A. D. Studio?

- Part of the Apache Directory Project at the Apache Software Foundation
- As the Server, it’s written in Java
- A multi-platform Eclipse RCP application
- Composed of several Eclipse plugins
- Runs as a standalone application or inside Eclipse
Why A. D. Studio?

- Particularly designed to be used with Apache Directory Server
- Key features of Apache Directory Server needed tooling to be used easily
- Integrable inside an existing Eclipse installation
- An easily extensive Platform
A. D. Studio Architecture
LDAP Browser Plugin

- Multiple connections
- Tree based DIT browser
- Entry editor
- Value editors
- Search with search result editor
- Bookmarks
- LDIF and DSML v2 import/export
- Basic batch operations
- Schema browser
ACI Editor Plugin

- Edits ACI (Access Control Information) Item specification for Apache DS
- Specify ACI graphically or by source code
- Provides syntax coloring and code templates of ACI source code
Demo

LDAP Browser & ACI Editor Plugin
LDIF Editor Plugin

- Supports content and changetype records
- Import into a directory server
- Syntax coloring, code templates, and auto-completion
- BASE-64 support
- Value editors for binary attributes
Demo
Apache DS Configuration Plugin

- Basic parameters edition
- Add, edit or delete Partitions
- Add, edit, delete or sort Interceptors
- Add, edit or delete Extended Operations
Demo
• Dynamically edits the Schema of an Apache Directory Server
• Edit offline Schema
• Opens/saves schemas in OpenLDAP Schema file format
Demo
Future works

• Improvements of existing plugins
• Plugable interface for Schema Editor to work with other directory servers
• Trigger Editor for Apache DS
• Stored Procedure Editor for Apache DS
• Queue Editor for Apache DS
• Metrics Plugin for Apache DS
• Etc.
• Young and growing open community
• More than 13 active committers from all over the world (USA, Germany, France, Turkey, England, Korea, etc.)
• If you’re interested in, get involved!
• Website
  – http://directory.apache.org/studio/

• Download

• Update Site for Eclipse
  – http://directory.apache.org/studio/update/1.x

• Mailing lists
  – Development mailing list: dev@directory.apache.org
  – Users mailing list: users@directory.apache.org

• Issue tracking
  – http://issues.apache.org/jira/browse/DIRSTUDIO
Questions & Answers

Questions

&

Answers