

ApacheDS v1.5 Developer's Guide



Work in progress

This site is in the process of being reviewed and updated.

This page contains all information related to **ADS 1.5** development.

General Information

Getting the source, Building the trunks

To get the source, build the **trunks** and get along with Maven, follow the instruction given in this page: [0.2. Building trunks](#)

Coding standards :

The applicable coding standards for ADS 1.5 are described in [Coding Standards](#)

There are some more rules, as we are using **Java 5** now :

- Use generics as much as you can. Generic are a good way to avoid casting, and it enforce the usage of the correct type.
- If you can avoid **Iterators**, do so. There is this cool construction with a **for(Type t:<collection instance>)** : use it !
- Use **assert**. It's usefull, especially instead of a bunch of **if (<test is wrong>) then throw Exception** when controlling incoming parameters
- Use the new **Enum** type !

Project Internals

The following points describe the differents sub-elements of the server, from the developper point of view :

- [ApacheDS Bootstrapping](#)
- [ApacheDS Initialization](#)
- [Apache DS SchemaManager](#)
- [Interceptors](#) mechanism and operations
- Information about [Mitosis](#), the ADS replication system.
- [Referral Handling Changes](#)
- [Schema Subsystem Redesign](#)
- [ACIItem Extensions](#)
- [Administrative Model Extensions](#)
- [Account and Password Policy Management](#)
- [Proposed RFCs](#)
- [Quartz Scheduler Integration](#)
- [JNDI Bridge and Interceptor Chain Refactoring](#)
- [Families of Entries](#)
- [Logging Subsystem](#)
- [Configuration in DIT \(CiDIT\)](#)
- [Versioning and Snapshots](#)
- [Delegation of Authentication](#)
- [Core Integration Testing Framework](#)
- [Xdbm Partition Design](#)
- [SASL NTLM Support](#)
- [Supported LDAP Controls, Extended Operations and Features](#)

Cookbooks

- [Template](#)
- [Example.](#)