

LDAP GUI for Academic Institutes : Deliverables

Challenge of Code 2010
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1 Deliverables

This document lists the documents and various files that we have submitted as our participation in *Challenge of Code 2010, ACM Bangalore Chapter*. The text specified besides the names of the sections in **this font** is the name of the file in our submission.

1.1 Deliverables: Deliverables.pdf

This file.

1.2 Summary of Work Done: Summary.pdf

Encapsulates the summary of the entire work.

1.3 Acknowledgements: Acknowledgements.pdf

Extends our heart-felt gratitude to all those who have assisted us throughout the life of this project work.

1.4 Abstract: Abstract.pdf

A brief abstract of the need of the tool and its features.

1.5 Working Examples and Test Cases: Examples.pdf

Working Examples with Screenshots of our tool.

1.6 Report: LDAP_Report.pdf

This report elaborates all the details of the prerequisites, installation procedures of prerequisite softwares and LDAP Server and Client installation procedure. The user is advised to go through the **User Manual** in the report whilst installation.

1.7 Source Code: LDAP.tar.gz

Following section lists the files in the source code and their functionality. The following descriptions of the files are indented according to their hierarchy in the directory.

LDAP Directory :

README.txt : Readme file for the tool
index.html : HomePage for the tool. You can select either Server or Client to configure from this page
Client.html : Describes the installation procedure for the LDAP clients.
The user is adviced to read this page throughly before proceeding with Client installation
GetValues.html : Get the values of basic parameters from the user and store these values in the tool for further configurations and settings.
SubmitValues.jsp : Procedure for installation of server softwares.
GetConfig.jsp : Create the slapd.conf file and request for the department specific information from the user.
Configure.jsp : Create the hierarchy and group files to build the directory information tree.
ServerStartAdding.jsp : Start the ldap server and add the various ldif files created during the installation process.
CreateUsers.html : Procedure for adding end users to the server database.
Developers.html : Details and contacts of the developers.

Scripts Directory :

This directory contains the shell scripts for automating the installation process.

Install.sh : Install server softwares -

OpenLDAP and Berkeley Database

Make_slapd_conf.sh : Create the slapd file and

place it in its appropriate position

CreateLDIF.sh: Creation of directory information tree.

ServerStart.sh : Start the server and add the ldif files

to the server database

Client.sh : Installing the clients

1.ldif : Sample end user ldif file

UserAdd.sh : Add end users

ClientFiles Directory :

common-* : client authentication files

nsswitch.conf: Name Service Switch file for client configuration.