

LDAP

Snippets about how to use the LDAP Transformer

Official Cocoon doc: [Cocoon LDAP Transformer](#)

Getting the Transformer

The LDAP Transformer is not included in Cocoon 2.0.3/4 binary version. You have to build your own Version of Cocoon with LDAP Transformer from the sources. How this can be done can be found on <http://xml.apache.org/cocoon/installing/index.html>.

Sitemap Code Snippets

Components configuration:

```
<map:transformers>
  <map:transformer name="ldap"
    src="org.apache.cocoon.transformation.LDAPTransformer"/>
</map:transformers>
```

Little example pipeline:

```
<map:match pattern="doldapqry">
  <map:generate src="LdapQry.xml" />
  <map:transform type="ldap" />
  <map:serialize type="xml" />
</map:match>
```

Example Query File (check against the documented DTD)

(get all persons with a telephonenumber)

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<LDAPUSER xmlns:ldap="http://apache.org/cocoon/LDAP/1.0">
  <ldap:execute-query>

    <ldap:initializer>com.sun.jndi.ldap.LdapCtxFactory</ldap:initializer>

    <ldap:authentication>simple</ldap:authentication>

    <ldap:version>3</ldap:version>

    <ldap:serverurl>ldap://host.com</ldap:serverurl>

    <ldap:port>389</ldap:port>

    <ldap:scope>SUBTREE_SCOPE</ldap:scope>

    <!--<ldap:scope>ONELEVEL_SCOPE</ldap:scope>-->
    <ldap:searchbase>o=tree</ldap:searchbase>

    <ldap:rootdn>cn=admin,ou=ou,ou=test,o=tree</ldap:rootdn>

    <ldap:password>secretpw</ldap:password>

    <ldap:debug>FALSE</ldap:debug>

    <ldap:deref-link>TRUE</ldap:deref-link>

    <ldap:count-limit>0</ldap:count-limit>

    <ldap:time-limit>0</ldap:time-limit>

    <ldap:filter>(&(telephoneNumber=*)(objectClass=person))</ldap:filter>

    <ldap:show-attribute>TRUE</ldap:show-attribute>

    <ldap:doc-element>LDAP</ldap:doc-element>

    <ldap:row-element>LDAPSET</ldap:row-element>

    <ldap:error-element>ELEMENT</ldap:error-element>

    <ldap:attribute>ou</ldap:attribute>
    <ldap:attribute>givenName</ldap:attribute>
    <ldap:attribute>sn</ldap:attribute>
    <ldap:attribute>fullName</ldap:attribute>
    <ldap:attribute>l</ldap:attribute>
    <ldap:attribute>telephoneNumber</ldap:attribute>

  </ldap:execute-query>
</LDAPUSER>

```

– MartinGeissler

Is it okay for you to post the ldap configs and the sample ldif file entry to search? - user