

| Attribute Description | Value |
|-----------------------|--|
| <i>objectClass</i> | <i>top (abstract)</i> |
| <i>objectClass</i> | <i>person (structural)</i> |
| <i>objectClass</i> | <i>organizationalPerson (structural)</i> |
| <i>objectClass</i> | <i>inetorgperson (structural)</i> |
| cn | cuentas1 |
| sn | cuentas1 |
| jpegPhoto | Binary Data (7090 Bytes) |
| mail | cuentas1@ibm.com |
| uid | cuentas1@ibm.com |
| userPassword | SSHA-256 hashed password |

```
package com.empresa;
```

```
import java.util.Hashtable;
```

```
import javax.naming.Context;
```

```
import javax.naming.directory.BasicAttribute;
```

```
import javax.naming.directory.DirContext;
```

```
import javax.naming.directory.InitialDirContext;
```

```
import javax.naming.directory.ModificationItem;
```

```
public class ActualizarLDAP {
```

```
    private DirContext dirContext = null;
```

```
    ModificationItem[] modItemsOne = new ModificationItem[1];
```

```
    public ActualizarLDAP() {
```

```
        try {
```

```
            String url = "ldap://<IP_SERVER>:389";
```

```
            String conntype = "simple";
```

```
            String AdminDn = "cn=root";
```

```
            String password = "xxx";
```

```
            Hashtable<String, String> environment = new
```

```
Hashtable<String, String>();
```

```
            Hashtable<String, String> environmentVar = new
```

```
Hashtable<String, String>();
```

```
environmentVar.put(Context.INITIAL_CONTEXT_FACTORY,
```

```
"com.sun.jndi.ldap.LdapCtxFactory");
```

```
            environmentVar.put(Context.PROVIDER_URL, url);
```

```
environmentVar.put(Context.SECURITY_AUTHENTICATION, conntype);
```

```
        environmentVar.put(Context.SECURITY_PRINCIPAL,
AdminDn);
environmentVar.put(Context.SECURITY_CREDENTIALS, password);

        dirContext = new
InitialDirContext(environmentVar);
    } catch (Exception ee) {
        ee.printStackTrace();
    }
}
public boolean updateJPEGPHOTO(String entryDN, String base64)
{
    boolean flag = false;
    try {
        modItemsOne[0] = new
ModificationItem(DirContext.REPLACE_ATTRIBUTE, new
BasicAttribute("jpegPhoto", base64));
        dirContext.modifyAttributes(entryDN,
modItemsOne);
        flag = true;
    } catch (Exception exception) {
        exception.printStackTrace();
    }
    return flag;
}
public static void main(String[] args){
    String entryDN = "uid=example,0=EMPRESA";
    String base64 =
"...";
    ActualizarLDAP actualizarLDAP = new ActualizarLDAP();
    if (actualizarLDAP.updateJPEGPHOTO(entryDN, base64)) {
        System.out.println("Foto actualizada");
    } else {
        System.out.println("Fallo actualizar foto");
    }
}
}
```

Fuente:

- <http://java2db.com/jndi-ldap-programming/update-or-modify-ldap-entry-using-java-jndi>
 - <http://www.coderpanda.com/tag/update-attribute-in-ldap-using-java/>
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