

## Test\_SS0

```

package sso;
/**
 * This class has been derived for CONSIP from
 * SSOEnablerServletBean
 */

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/* added for CONSIP */
import java.sql.DriverManager;
import java.sql.*;
import oracle.jdbc.pool.OracleConnectionCacheImpl;
/* end added */

import oracle.security.sso.enabler.SSOEnablerException;

public class Test_SS0
{
    /** Start configuration parameters
     *
     */

    // Listener token for this partner application name
    private static String m_listenerToken = "";
    private static String m_listenerToken_e = "";
    // Partner application session cookie name
    private static String m_cookieName = "";
    private static String m_cookieName_e = "";
    // Partner application session domain
    private static String m_cookieDomain = "";
    // Partner application session path scope
    private static String m_cookiePath = "/";

    // Host name of the database
    private static String m_dbHostName = "";
    // Port for database
    private static int m_dbPort = 0;
    // Schema name
    private static String m_dbSchemaName = "";
    // Schema password
    private static String m_dbSchemaPasswd = "";
    // Database SID name
    private static String m_dbSID = "";
    // Database connection pool size
    private static int m_dbPoolSize = 10;

    // Requested URL (User requested page)
    private static String m_requestUrl = "";
    private static String m_requestUrl_e = "";
    // Cancel URL (Home page for this application which don't require
    authentication)
    private static String m_cancelUrl = "";
    private static String m_cancelUrl_e = "";
    /** customization added for CONSIP */
    /** GRP stand for groups... custom code has been added
     for group identification */

    private static String m_dbHostNameGRP = "";
    // Port for database
    private static int m_dbPortGRP = 0;
    // Schema name
    private static String m_dbSchemaNameGRP = "";
    // Schema password
    private static String m_dbSchemaPasswdGRP = "";
    // Database SID name
    private static String m_dbSIDGRP = "";
    // Database connection pool size

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private static int      m_dbPool Si zeGRP      = 10;

private OracleConnecti onCacheImpl  m_connCacheGRP = null ;
/** end of customizati on for CONSIP */

/** End of configuration parameters */

// Enabler object (Don't change)
private sso.SS0EnablerBean  m_enablerBean = null ;
public static String logout_url = null ;
public static String logout_url_ext = null ;
//public static String from = null ;
/**
 * Default constructor
 */
public Test_SS0(String from)
{

    // PF

    java.util.PropertyResourceBundle prb =
(java.util.PropertyResourceBundle)java.util.PropertyResourceBundle.getBundle("ss
o.portal");

    for (java.util.Enumeration enum = prb.getKeys() ;
enum.hasMoreElements() ; ) {

        String chiave = (String) enum.nextElement() ;
        if (chiave.equals("username")) {
            sso.Test_SS0.m_dbSchemaNameGRP =
(String)prb.getString(chiave) ;
        }
        if (chiave.equals("password")) {
            sso.Test_SS0.m_dbSchemaPasswdGRP =
(String)prb.getString(chiave) ;
        }
        if (chiave.equals("host")) {
            sso.Test_SS0.m_dbHostNameGRP =
(String)prb.getString(chiave) ;
        }
        if (chiave.equals("port")) {
            sso.Test_SS0.m_dbPortGRP =
Integer.parseInt((String)prb.getString(chiave)) ;
        }
        if (chiave.equals("sid")) {
            sso.Test_SS0.m_dbSIDGRP =
(String)prb.getString(chiave) ;
        }
    }

    java.util.PropertyResourceBundle prb2 =
(java.util.PropertyResourceBundle)java.util.PropertyResourceBundle.getBundle("ss
o.login");

    for (java.util.Enumeration enum2 = prb2.getKeys() ;
enum2.hasMoreElements() ; ) {

        String chiave = (String) enum2.nextElement() ;
        if (chiave.equals("username")) {
            sso.Test_SS0.m_dbSchemaName =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("password")) {
            sso.Test_SS0.m_dbSchemaPasswd =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("host")) {
            sso.Test_SS0.m_dbHostName =

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(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("port")) {
            sso.Test_SS0.m_dbPort =
Integer.parseInt((String)prb2.getString(chiave)) ; ;
        }
        if (chiave.equals("sid")) {
            sso.Test_SS0.m_dbSID =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("cookie_name")) {
            sso.Test_SS0.m_cookieName =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("cookie_name_ext")) {
            sso.Test_SS0.m_cookieName_e =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("cookie_domain")) {
            sso.Test_SS0.m_cookieDomain =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("cookie_path")) {
            sso.Test_SS0.m_cookiePath =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("request_url")) {
            sso.Test_SS0.m_requestUrl =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("cancel_url")) {
            sso.Test_SS0.m_cancelUrl =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("request_url_ext")) {
            sso.Test_SS0.m_requestUrl_e =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("cancel_url_ext")) {
            sso.Test_SS0.m_cancelUrl_e =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("listener_token")) {
            sso.Test_SS0.m_listenerToken =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("listener_token_ext")) {
            sso.Test_SS0.m_listenerToken_e =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("logout_url")) {
            sso.Test_SS0.logout_url =
(String)prb2.getString(chiave) ;
        }
        if (chiave.equals("logout_url_ext")) {
            sso.Test_SS0.logout_url_ext =
(String)prb2.getString(chiave) ;
        }
    }

    // fine PF
    m_enablerBean = new sso.SS0EnablerBean();
    if (from.equalsIgnoreCase("I")) {
        m_enablerBean.setListenerToken(m_listenerToken);
        m_enablerBean.setUrls(m_requestUrl, m_cancelUrl);
        m_enablerBean.setAppCookieInfo(m_cookieName, m_cookieDomain,
m_cookiePath);
    } else {

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                                Test_SS0
                                m_enablerBean.setListenerToken(m_listenerToken_e);
                                m_enablerBean.setUrls(m_requestUrl_e, m_cancelUrl_e);
                                m_enablerBean.setAppCookieInfo(m_cookieName_e,
m_cookieDomain, m_cookiePath);
                                }
                                m_enablerBean.setDbConnectionInfo(m_dbSchemaName, m_dbSchemaPasswd,
m_dbHostName, m_dbPort, m_dbSID, m_dbPoolSize);

                                /* added for CONSIP: set connection info to retrieve
                                group information */
                                setDbConnectionInfoGRP(m_dbSchemaNameGRP, m_dbSchemaPasswdGRP,
m_dbHostNameGRP,
m_dbPortGRP, m_dbSIDGRP, m_dbPoolSizeGRP);
                                }

                                /* added for CONSIP */
                                public void setDbConnectionInfoGRP(String p_schema, String p_password,
                                String p_hostname, int p_port, String p_sid, int p_dbPoolSize)
                                {
                                    try
                                    {
                                        m_connCacheGRP = new OracleConnectionCacheImpl();

                                        Class.forName("oracle.jdbc.driver.OracleDriver");

                                        m_connCacheGRP.setURL("jdbc:oracle:thin:@"
                                                                + p_hostname + ":" + p_port + ":" + p_sid);

                                        m_connCacheGRP.setUser(p_schema);
                                        m_connCacheGRP.setPassword(p_password);

                                        m_connCacheGRP.setMaxLimit(p_dbPoolSize);

m_connCacheGRP.setCacheScheme(OracleConnectionCacheImpl.FIXED_WAIT_SCHEME);
                                    }
                                    catch(Exception e)
                                    {
                                        m_connCacheGRP = null;
                                    }
                                }

                                public String getUserGroups(String usr) throws Exception
                                {
                                    // borrow a DB connection from ConnPool
                                    Connection l_db_con = m_connCacheGRP.getConnection();

                                    // code has been written in order to use BIND variables...
                                    // It will be executed many times !!... avoid filling shared pool
                                    String ids = "<br>";
                                    String slstr = "SELECT NAME FROM PORTAL30.WWSEC_GROUP$ A,
PORTAL30.WWSEC_MEMBER$ B, PORTAL30.WWSEC_PERSON$ C " +
                                                                "WHERE C.USER_NAME = :1 AND C.ID =
B.MEMBER_PERSON_ID " +
                                                                "AND B.GROUP_ID = A.ID ORDER BY NAME
ASC";

                                    // use it
                                    PreparedStatement stmt = l_db_con.prepareStatement(slstr);

                                    stmt.setString(1, usr);

                                    ResultSet rSet = stmt.executeQuery();

                                    while (rSet.next())
                                    {
                                        ids = ids + rSet.getString(1);
                                    }
                                }

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        ids = ids + "<br>";
    }

    // release it
    rSet.close();
    stmt.close();

    l_db_con.close();

    return ids;
}

/* end of methods added for CONSIP */

public String getSSOUserInfo(HttpServletRequest p_request,
    HttpServletResponse p_response)
    throws SSOEnablerException
{
    return m_enablerBean.getSSOUserInfo(p_request, p_response);
}

public void setPartnerAppCookie(HttpServletRequest p_request,
    HttpServletResponse p_response)
    throws SSOEnablerException
{
    m_enablerBean.setPartnerAppCookie(p_request, p_response);
}

public void removeServletAppCookie(HttpServletResponse p_response)
    throws SSOEnablerException
{
    m_enablerBean.removeAppCookie(p_response);
}
}

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