

Help me !! Why Could not free...



This thread is archived Guest
I am very like jive 1.3 but when

I used Websphere 3.5 ADV for Win2000 and DB2 V7.1

get error message

Thu Dec 14 11:54:50 CST 2000 Opening connection 39

DB2Connection

```
{  
    connectionHandle = 42  
    SPCConnected = false  
    source = JIVE  
    user = db2admin  
    conArgs =  
    closed = false  
    describeCached = false  
    describeParam = true  
    isReadOnly = false  
    autoClose = false  
}  
:
```


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```
import java.util.Date;
```

```
import com.coolservlets.forum.*;
```

```
import com.ibm.db.;import com.ibm.ejs.dbm.jdbccext.;
```

```
import com.ibm.ejs.ns.jndi.;import javax.naming.;
```

```
import com.ibm.websphere.advanced.cm.factory.*;
```

```
import javax.sql.DataSource;import com.ibm.webtools.runtime.*;
```

```
import java.math.*;
```

- Default Jive connection provider. It uses the excellent connection pool
- available from <http://www.javaexchange.com>. This connection provider is a
- a good choice unless you can use a container-managed one.

```
*/
```

```
public class DbConnectionWebSpherePool extends DbConnectionProvider {
```

```
//end Websphere
```

```
private static final String NAME = "Default Connection Pool";
```

```
private static final String DESCRIPTION = "The default connection provider "
```

```
+ "that uses the connection pool from javaexchange.com. It works with "
```

```
+ "almost any database setup, is customizable, and offers good performance. "
```

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```
+ "Use this connection provider unless you have your own or can use a "  
+ "container managed connection pool.";
```

```
private static final String AUTHOR = "CoolServlets.com";
```

```
private static final int MAJOR_VERSION = 1;
```

```
private static final int MINOR_VERSION = 0;
```

```
private static final boolean POOLED = true;
```

```
private Properties props;
```

```
private Properties propDescriptions;
```

```
private Object initLock = new Object();
```

```
/**
```

- Returns a database connection.

```
*/
```

```
public Connection getConnection() {
```

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```
try
{
    if(notstarted)
        this.start();

    Connection conn = ds.getConnection(props.getProperty("username"),
    props.getProperty("password"));

    return conn;
}

catch(java.sql.SQLException e)
{
    System.err.println("Error getting connection");
    e.printStackTrace();
}

return null;

}

/**

    • Starts the pool.

*/

protected void start() {

    //acquire lock so that no connections can be returned.
```

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```
synchronized (initLock)
{
    try
    {

        Hashtable parms = new Hashtable();

        parms.put(Context.INITIAL_CONTEXT_FACTORY,
props.getProperty("initialcontext"));

        Context ctx = new InitialContext(parms);

        ds = (DataSource)ctx.lookup(props.getProperty("datasource"));

        notstarted = false;

    }

    catch (javax.naming.NamingException e)

    {

        System.err.println("Error: could not get initial context");

        e.printStackTrace();

        return;

    }

}

}
```

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```
/**
```

- Restarts the pool to take into account any property changes.

```
*/
```

```
protected void restart() {
```

```
    //Kill off pool.
```

```
    destroy();
```

```
    //Reload properties.
```

```
    loadProperties();
```

```
    //Start a new pool.
```

```
    start();
```

```
}
```

```
/**
```

- Destroys the connection pool.

```
*/
```

```
protected void destroy() {
```

```
}
```

```
/**
```

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- Returns the value of a property of the connection provider.

*

- @param name the name of the property.

- @returns the value of the property.

*/

```
public String getProperty(String name) {  
    return (String)props.get(name);  
}
```

/**

- Returns the description of a property of the connection provider.

*

- @param name the name of the property.

- @return the description of the property.

*/

```
public String getPropertyDescription(String name) {  
    return (String)propDescriptions.get(name);  
}
```

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```
}
```

```
/**
```

- Returns an enumeration of the property names for the connection provider.

```
*/
```

```
public Enumeration propertyNames() {
```

```
    return props.propertyNames();
```

```
}
```

```
/**
```

- Sets a property of the connection provider. Each provider has a set number
- of properties that are determined by the author. Trying to set a non-
- existant property will result in an `IllegalArgumentException`.

```
*
```

- @param name the name of the property to set.

- @param value the new value for the property.

```
*
```

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```
*/
```

```
public void setProperty(String name, String value) {  
    props.put(name, value);  
    saveProperties();  
}
```

```
/**
```

- Give default values to all the properties and descriptions.

```
*/
```

```
private void initializeProperties() {  
    props.put("datasource", "");  
    props.put("username", "");  
    props.put("password", "");  
    props.put("initialcontext", "");
```

```
    propDescriptions.put("datasource", "Name of the datasource as created in  
WebSphere");
```

```
    propDescriptions.put("username", "Database username. e.g. 'Scott'");
```

```
    propDescriptions.put("password", "Database password. e.g. 'Tiger'");
```

```
    propDescriptions.put("initialcontext", "Class for intial context  
com.ibm.ejs.ns.jndi.CNInitialContextFactory");
```

```
}
```

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```
/**
```

- Load whatever properties that already exist.

```
*/
```

```
private void loadProperties() {
```

```
    String datasource =  
PropertyManager.getProperty("DbConnectionDefaultPool.datasource");
```

```
    String username =  
PropertyManager.getProperty("DbConnectionDefaultPool.username");
```

```
    String password =  
PropertyManager.getProperty("DbConnectionDefaultPool.password");
```

```
    String initialcontext =  
PropertyManager.getProperty("DbConnectionDefaultPool.initialcontext");
```

```
    if (datasource != null) { props.setProperty("datasource", datasource); }
```

```
    if (username != null) { props.setProperty("username", username); }
```

```
    if (password != null) { props.setProperty("password", password); }
```

```
    if (initialcontext != null) { props.setProperty("initialcontext", initialcontext); }
```

```
}
```

```
private void saveProperties() {
```

```
    PropertyManager.setProperty("DbConnectionDefaultPool.datasource",  
props.getProperty("datasource"));
```

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```
PropertyManager.setProperty("DbConnectionDefaultPool.username",
props.getProperty("username"));

PropertyManager.setProperty("DbConnectionDefaultPool.password",
props.getProperty("password"));

PropertyManager.setProperty("DbConnectionDefaultPool.initialcontext",
props.getProperty("initialcontext"));

}
```

```
private Context ctx = null;    private DataSource ds = null;

    private boolean notstarted = true;    //websphere

private Hashtable parms = null;    public DbConnectionWebSpherePool() {

    //this.manager = manager;

    props = new Properties();

    propDescriptions = new Properties();

    //Initialize all property values

    initializeProperties();

    //Load any existing property values

    loadProperties();

}}
```



Guest [2](#). Re: **Help me !! Why Could not free connection ???** Dec 14, 2000 10:56 PM

Help me !! Why Could not free...

Does the currently included DataSource connection provider not work for you? If not, I'd like to find out why so that it can get fixed. 😊

Thanks,

Matt



Guest 3. **Re: Help me !! Why Could not free connection ???** Dec 14, 2000 11:01 PM

hwg,

We're very careful to make sure that all connections are released... even if there are database errors. I'm very interested in tracking down the problem in your environment, as we take exhausted connection pools pretty seriously. Are there any other errors showing up in your error log?

Thanks,

Matt



Guest 4. **Re: Help me !! Why Could not free connection ???** Dec 15, 2000 12:36 AM

hi Matt:

I am so glad to see u reply ,Now I am using Datasource for Websphere and add u suggest

please wait I will told u errlog

I found some error when testing.

if I click search button get error

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Error 500

Â´Â¡Ã#ÃÃ#Ã«Ã#Ã³Ã#Ã±Ã³Ã¶Ã´ÃÂ£Â°<http://hwg/skins/bay/search.jsp>

Ã#Ã»Ã#Ã¢Â£Â° Compilation failed

Ã#Ã¿Ã±ÃªÃ#Ã¡Ã·Ã¼Ã#Ã±Ã³Ã#Ã#Ã²Â£Â° jsp10

Ã¶Ã#Ã#Ã»Ã,Ã°Ã#Ã#Ã£Â°

Ã,Ã¹Ã±Ã¼Ã´ÃÃ#Ã³-1: Compilation failed

com.ibm.servlet.engine.webapp.WebAppErrorReport: Compilation failed

at javax.servlet.ServletException.<init>(ServletException.java:107)

at com.ibm.websphere.servlet.error.ServletErrorReport.<init>(ServletErrorReport.java:31)

at

com.ibm.servlet.engine.webapp.WebAppErrorReport.<init>(WebAppErrorReport.java:20)

at

com.ibm.servlet.engine.webapp.WebAppDispatcherResponse.sendError(WebAppDispatcherResponse.java:107)

at com.sun.jsp.runtime.JspServlet.unknownException(JspServlet.java:656)

at com.sun.jsp.runtime.JspServlet.service(JspServlet.java:768)

at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)

at

com.ibm.servlet.engine.webapp.StrictServletInstance.doService(ServletManager.java:580)

at

com.ibm.servlet.engine.webapp.StrictLifecycleServlet._service(StrictLifecycleServlet.java:160)

at

com.ibm.servlet.engine.webapp.IdleServletState.service(StrictLifecycleServlet.java:287)

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```
at
com.ibm.servlet.engine.webapp.StrictLifecycleServlet.service(StrictLifecycleServlet.java:105)

    at com.ibm.servlet.engine.webapp.ServletInstance.service(ServletManager.java:353)

at
com.ibm.servlet.engine.webapp.ValidServletReferenceState.dispatch(ServletManager.java:729)

    at
com.ibm.servlet.engine.webapp.ServletInstanceReference.dispatch(ServletManager.java:655)

    at
com.ibm.servlet.engine.webapp.WebAppRequestDispatcher.handleWebAppDispatch(WebAppRequestD

    at
com.ibm.servlet.engine.webapp.WebAppRequestDispatcher.dispatch(WebAppRequestDispatcher.java:1

    at
com.ibm.servlet.engine.webapp.WebAppRequestDispatcher.forward(WebAppRequestDispatcher.java:9

    at
com.ibm.servlet.engine.srt.WebAppInvoker.handleInvocationHook(WebAppInvoker.java:77)

    at
com.ibm.servlet.engine.invocation.CachedInvocation.handleInvocation(CachedInvocation.java:67)

    at
com.ibm.servlet.engine.srp.ServletRequestProcessor.dispatchByURI(ServletRequestProcessor.java:155

    at
com.ibm.servlet.engine.oselister.OSEListenerDispatcher.service(OSEListener.java:300)

    at com.ibm.servlet.engine.oselister.SQEventListenerImp
$ServiceRunnable.run(SQEventListenerImp.java:230)

    at
com.ibm.servlet.engine.oselister.SQEventListenerImp.notifySQEvent(SQEventListenerImp.java:104)

    at
com.ibm.servlet.engine.oselister.serverqueue.SQEventSource.notifyEvent(SQEventSource.java:212)

    at com.ibm.servlet.engine.oselister.serverqueue.SQWrapperEventSource
$SelectRunnable.notifyService(SQWrapperEventSource.java:347)
```

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at com.ibm.servlet.engine.oselistener.serverqueue.SQWrapperEventSource
\$SelectRunnable.run(SQWrapperEventSource.java:216)

at com.ibm.servlet.engine.oselistener.outofproc.OutOfProcThread
\$CtlRunnable.run(OutOfProcThread.java:248)

at java.lang.Thread.run(Thread.java:481)