javax.naming.NameNotFoundException: Name jdbc is not bound in this Context

By Roger Keays, 15 April 2008

It seems that Tomcat 5.5 and 6.0 DataSourceRealms don't like referring to JNDI resources declared in the same context. The following configuration gives me a `javax.naming.NameNotFoundException`:

```
<Context path="/">

  <!-- connection pool for database -->
  <Resource name="jdbc/data" auth="Container" type="javax.sql.DataSource"
            driverClassName="org.postgresql.Driver"
            url="jdbc:postgresql://localhost/test"
            username="postgres" password=""
            maxActive="5" maxIdle="2" maxWait="-1"/>

  <!-- authentication realm -->
  <Realm className="org.apache.catalina.realm.DataSourceRealm"
         dataSourceName="jdbc/data" digest="MD5"
         userTable="web_users" userRoleTable="web_user_roles"
         userNameCol="id" userCredCol="password" roleNameCol="role"/>
</Context>
```

However, if I move the JNDI resource up it works as expected:

```
<GlobalNamingResources>

  <!-- connection pool for database -->
  <Resource name="jdbc/data" auth="Container" type="javax.sql.DataSource"
            driverClassName="org.postgresql.Driver"
            url="jdbc:postgresql://localhost/test"
            username="postgres" password=""
            maxActive="5" maxIdle="2" maxWait="-1"/>
</GlobalNamingResources>
...
<Context path="/">
```

```
  <!-- authentication realm -->
  <Realm className="org.apache.catalina.realm.DataSourceRealm"
         dataSourceName="jdbc/data" digest="MD5"
         userTable="web_users" userRoleTable="web_user_roles"
         userNameCol="id" userCredCol="password" roleNameCol="role"/>
</Context>
```

Odd...

About Roger Keays



Roger Keays is an artist, an engineer, and a student of life. He has no fixed addressand has leftfootprints on 40-something different countries around the world. Roger is addicted to surfing. His other interests are music, psychology, languages, the proper use of semicolons, and finding good food.