# PICA JNDI DataSource Assessment

## Background

We have a set of Java web applications that communicate with our Oracle database for information. They have been configured to use JNDI so that the application container is responsible for configuring the database connection pools (since we use different connections for development and production web servers). We are setting up a new web application container for our test environment, and need to configure it to use a JNDI configuration of its own.

## Instructions

*Note: A database is* ***NOT*** *required for this exercise. We will simply be confirming that the configuration is done correctly.*

1. Install an Apache Tomcat 6.0.x server on your machine.
2. Configure a JNDI data source within the newly installed Tomcat instance with the following credentials:

* Resource Name : “jdbc/PicaDatabase”
* Type : “javax.sql.DataSource”
* Username : “picaUser”
* Password : “superSecret”

The data source will need to be configured to connect to the following database using a connection string for the *Oracle JDBC Thin driver*. The connection string should not have any credential information in it.

* Host : “pica”
* Port : “1521”
* Schema : “db”

1. With the JNDI data source configured, it is time to deploy our application. Deploy the provided WAR (web application archive) to your Tomcat instance.
2. Check that the connection has been appropriately configured by visiting the following URL in your browser.

<http://localhost:8080/JndiSource/Check>

If everything is set up correctly, you will be presented with a password. Respond to us with that password.