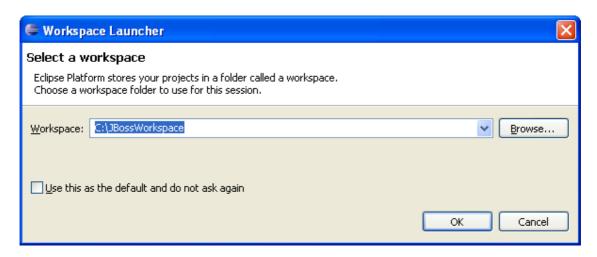
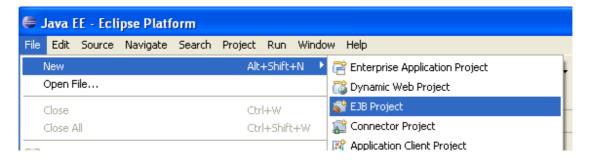
Simple EJB 3 Application using JBoss and Eclipse.

Start Eclipse.

Open your Workspace or create a new one.



Create a new EJB Project.

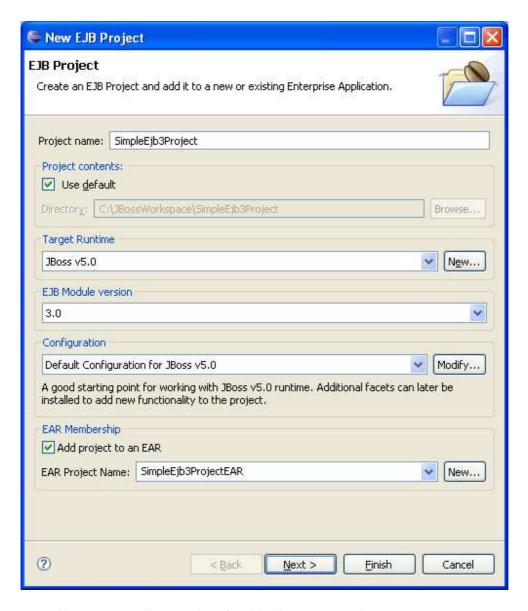


Name the Project SimpleEjb3Project.

Make sure the EJB Module version is 3.0.

Check Add project to an EAR. This will create a separate Project for deployment.

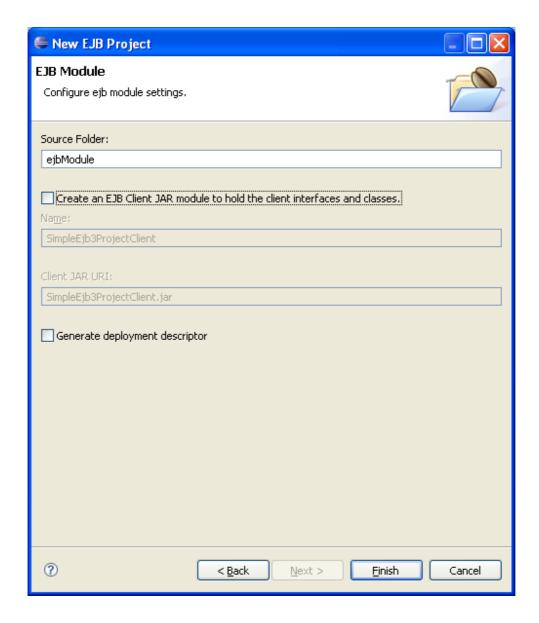
Click Next.



We will not use a Client Project for this simple example.

We will not generate a Deployment Descriptor.

Click Finish.

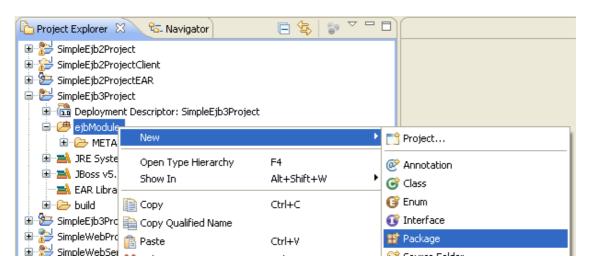


We will create a very simple application with 1 EJB Stateless Session Bean and create a standalone client for a test.

The basic steps are:

- In the EJB project
 - o Create a new package named ejbs
 - o Create the EJB Bean
 - o Create the Test Client

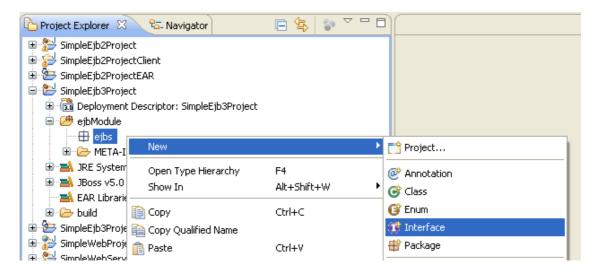
Create a new Package.



Name the Package ejbs.



Create a new Interface.

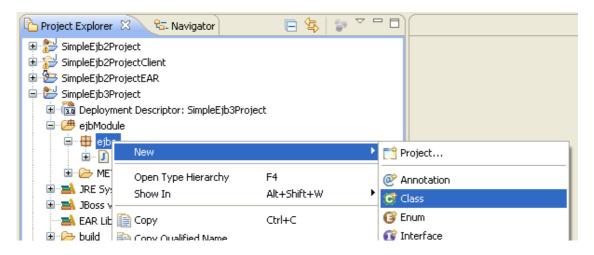


Name it **SimpleRemote**.



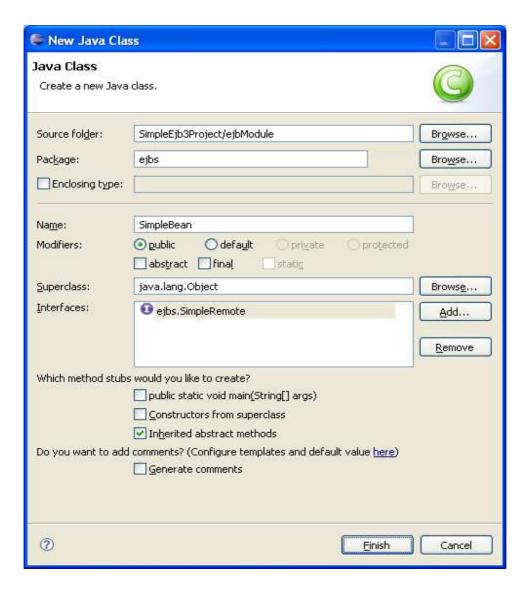
```
package ejbs;
import javax.ejb.Remote;
@Remote
public interface SimpleRemote {
    public String getMessage();
}
```

Create a new Class.



Name the Class SimpleBean.

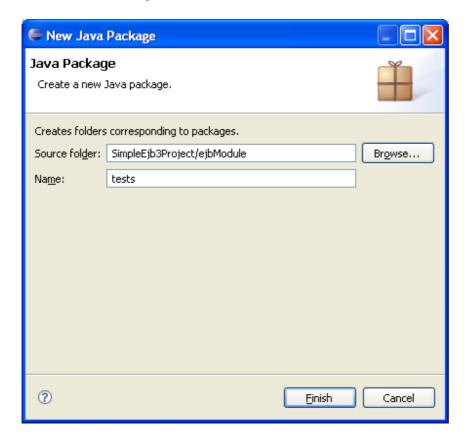
Implement SimpleRemote.



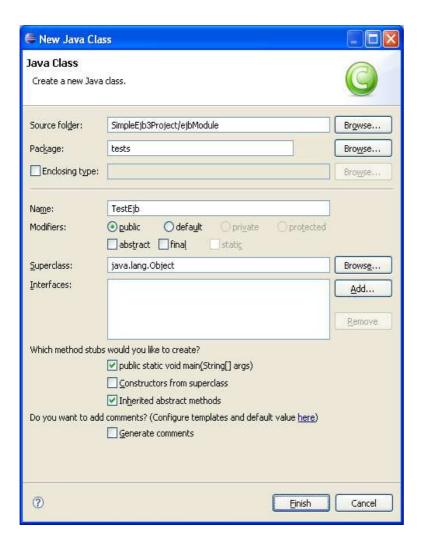
```
package ejbs;
import javax.ejb.Stateless;

@Stateless(name="SimpleBean", mappedName="ejb/SimpleBean")
public class SimpleBean implements SimpleRemote {
    public String getMessage() {
        return "Hello from EJB 3.0";
    }
}
```

Create a new Package named **tests**.



Create a new Class to test the EJB named **TestEjb**.



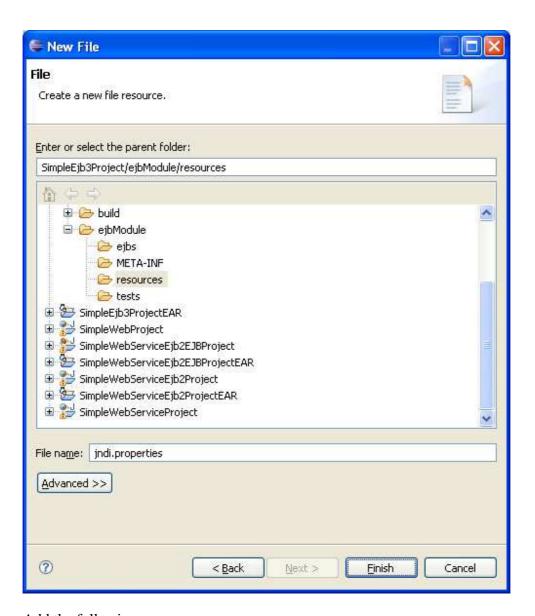
```
Object object = context.lookup(jndiName);
    System.out.println("Lookup returned " + object);

SimpleRemote remote = (SimpleRemote) object;
    System.out.println(remote.getMessage());
}
```

Create a new Source Folder named resources.

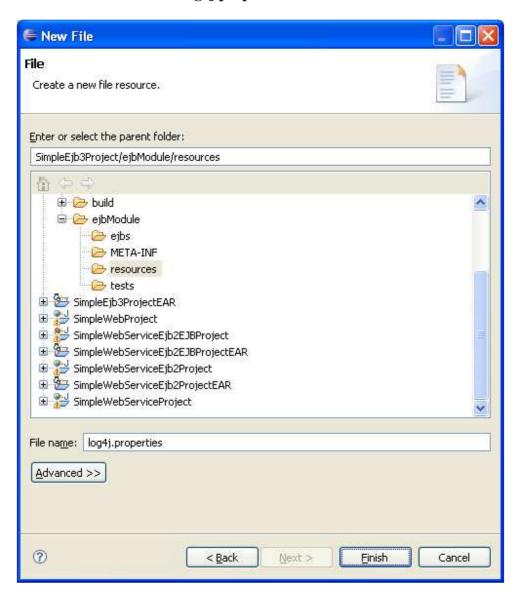


Create a new file named **jndi.properties**.



```
java.naming.factory.initial=org.jnp.interfaces.NamingContextFactory
java.naming.factory.url.pkgs=org.jboss.naming:org.jnp.interfaces
java.naming.provider.url=localhost:1099
```

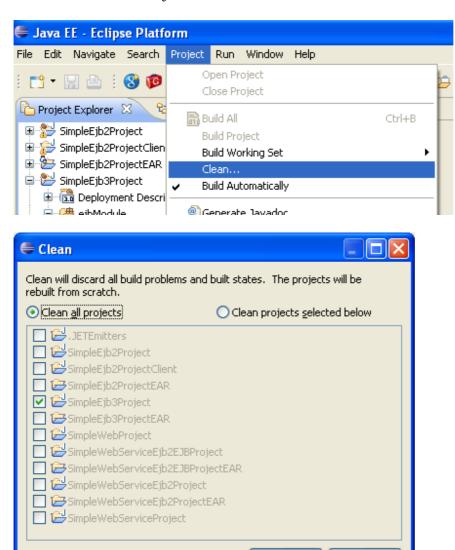
Create another file named log4j.properties.



```
# Set root category priority to INFO and its only appender to CONSOLE.
log4j.rootCategory=INFO, CONSOLE

# CONSOLE is set to be a ConsoleAppender using a PatternLayout.
log4j.appender.CONSOLE=org.apache.log4j.ConsoleAppender
log4j.appender.CONSOLE.Threshold=INFO
log4j.appender.CONSOLE.layout=org.apache.log4j.PatternLayout
log4j.appender.CONSOLE.layout.ConversionPattern=- %m%n
```

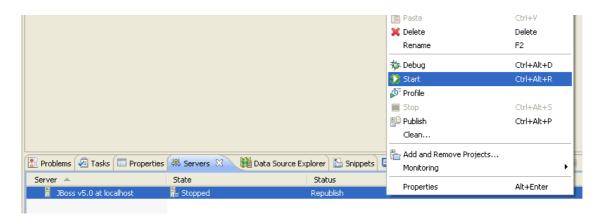
Clean and Build the Project.



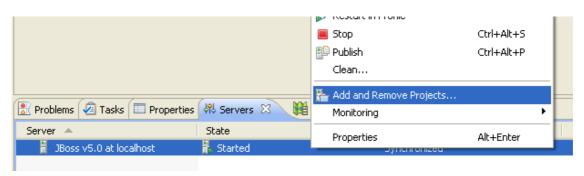
ΟK

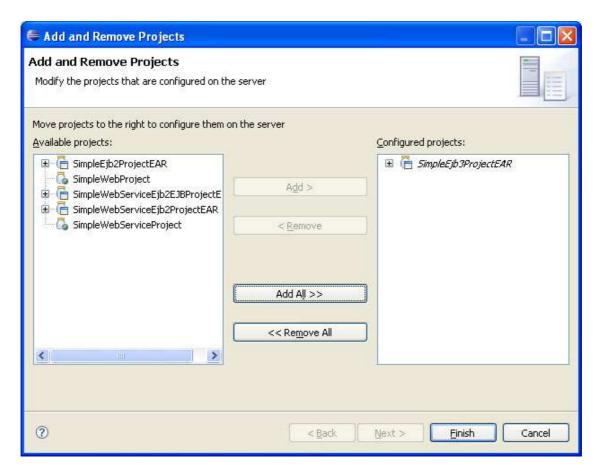
Cancel

Start the Server.

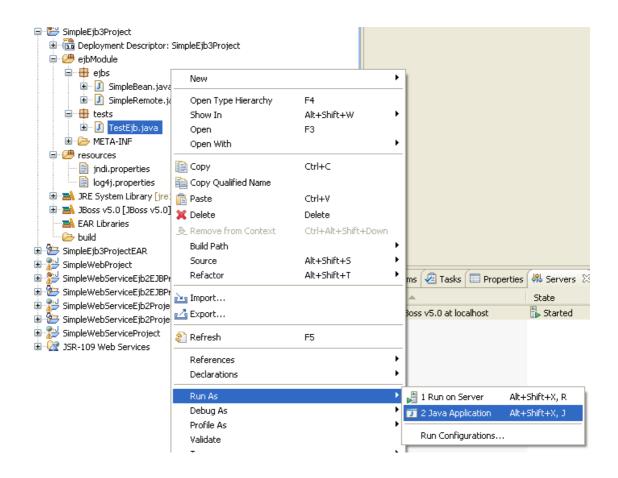


Deploy the application.





Run the Test.



You should see the following.

