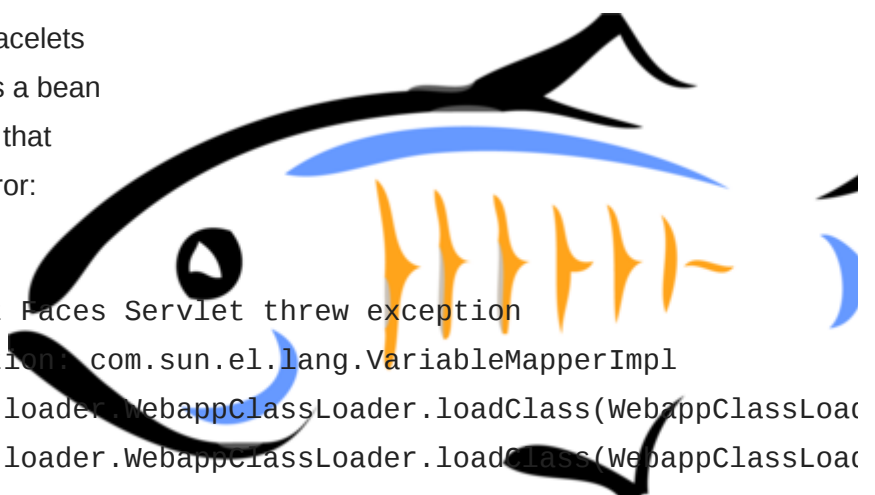


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[java.lang.ClassNotFoundException: com.sun.el.lang.VariableMapperImpl \[Fixed\] for Glassfish JSF](#)

By [Roger Keays](#), 18 March 2012

Using Glassfish 3.1.2, JSF 2.1.x and Facelets with client side state saving, if you pass a bean reference by EL and try to dereference that expression you will get the following error:



```
Servlet.service() for servlet Faces Servlet threw exception
java.lang.ClassNotFoundException: com.sun.el.lang.VariableMapperImpl
    at org.glassfish.web.loader.WebappClassLoader.loadClass(WebappClassLoader.java:160)
    at org.glassfish.web.loader.WebappClassLoader.loadClass(WebappClassLoader.java:146)
    at java.lang.Class.forName0(Native Method)
    at java.lang.Class.forName(Class.java:247)
    at com.sun.faces.renderkit.ApplicationObjectInputStream.resolveClass(ApplicationObjectInputStream.java:145)
    at java.io.ObjectInputStream.readNonProxyDesc(ObjectInputStream.java:1631)
    at java.io.ObjectInputStream.readClassDesc(ObjectInputStream.java:1495)
    at java.io.ObjectInputStream.readOrdinaryObject(ObjectInputStream.java:2122)
    at java.io.ObjectInputStream.readObject0(ObjectInputStream.java:1328)
    at java.io.ObjectInputStream.readObject(ObjectInputStream.java:350)
    at com.sun.el.MethodExpressionImpl.readExternal(MethodExpressionImpl.java:145)
    at java.io.ObjectInputStream.readExternalData(ObjectInputStream.java:1701)
    at java.io.ObjectInputStream.readOrdinaryObject(ObjectInputStream.java:2122)
    at java.io.ObjectInputStream.readObject0(ObjectInputStream.java:1328)
    at java.io.ObjectInputStream.readObject(ObjectInputStream.java:350)
    at com.sun.faces.facelets.el.TagMethodExpression.readExternal(TagMethodExpression.java:145)
    at java.io.ObjectInputStream.readExternalData(ObjectInputStream.java:1701)
    at java.io.ObjectInputStream.readOrdinaryObject(ObjectInputStream.java:2122)
    at java.io.ObjectInputStream.readObject0(ObjectInputStream.java:1328)
    at java.io.ObjectInputStream.readArray(ObjectInputStream.java:1666)
    at java.io.ObjectInputStream.readObject0(ObjectInputStream.java:1322)
    at java.io.ObjectInputStream.readArray(ObjectInputStream.java:1666)
    at java.io.ObjectInputStream.readObject0(ObjectInputStream.java:1322)
    at java.io.ObjectInputStream.readArray(ObjectInputStream.java:1666)
    at java.io.ObjectInputStream.readObject0(ObjectInputStream.java:1322)
    at java.io.ObjectInputStream.readObject(ObjectInputStream.java:350)
```

```
at java.util.HashMap.readObject(HashMap.java:1030)
at sun.reflect.GeneratedMethodAccessor264.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAcc
at java.lang.reflect.Method.invoke(Method.java:597)
at java.io.ObjectStreamClass.invokeReadObject(ObjectStreamClass.java:97
at java.io.ObjectInputStream.readSerialData(ObjectInputStream.java:1848
at java.io.ObjectInputStream.readOrdinaryObject(ObjectInputStream.java:
at java.io.ObjectInputStream.readObject0(ObjectInputStream.java:1328)
at java.io.ObjectInputStream.readObject(ObjectInputStream.java:350)
at com.sun.faces.renderkit.ClientSideStateHelper.doGetState(ClientSideS
at com.sun.faces.renderkit.ClientSideStateHelper.getState(ClientSideSt
at com.sun.faces.renderkit.ResponseStateManagerImpl.getState(ResponseS
at com.sun.faces.application.view.StateManagementStrategyImpl.restoreV
at com.sun.faces.application.StateManagerImpl.restoreView(StateManagerI
at com.sun.faces.application.view.ViewHandlingStrategy.restoreView(View
at com.sun.faces.application.view.FaceletViewHandlingStrategy.restoreV
at com.sun.faces.application.view.MultiViewHandler.restoreView(MultiVi
at javax.faces.application.ViewHandlerWrapper.restoreView(ViewHandlerWr
at javax.faces.application.ViewHandlerWrapper.restoreView(ViewHandlerWr
at com.sun.faces.lifecycle.RestoreViewPhase.execute(RestoreViewPhase.ja
at com.sun.faces.lifecycle.Phase.doPhase(Phase.java:101)
at com.sun.faces.lifecycle.RestoreViewPhase.doPhase(RestoreViewPhase.ja
at com.sun.faces.lifecycle.LifecycleImpl.execute(LifecycleImpl.java:118
at javax.faces.webapp.FacesServlet.service(FacesServlet.java:593)
```

The workaround is to add el-ri.jar to your project. You can do it in maven like this:

```
<dependency>
  <groupId>com.sun.el</groupId>
  <artifactId>el-ri</artifactId>
  <version>1.0</version>
  <scope>compile</scope>
</dependency>
```

The problem is tracked by the [JAVASERVERFACES-1828](#) bug.

About Roger Keays



Roger Keays is an artist, an engineer, and a student of life. He has no fixed address and has left footprints 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.

