

# Java Client - Trouble-Shooting

## Server-Side Errors

**Server exception: Unable to perform the server invocation: The method clientSideRequestGetXMLs was not found.**

```
[2008-6-23 15:1:0 EDT] <WorkerThread0> Server exception: Unable to perform
the server invocation: The method clientSideRequestGetXMLs was not found.
[2008-6-23 15:1:0 EDT] <WorkerThread0> java.lang.IllegalArgumentException:
Unable to perform the server invocation: The method
clientSideRequestGetXMLs was not found.
    at
com.webobjects.eodistribution.common._EOServerInvocation.doInvokeWithTarget(
_EOServerInvocation.java:128)
    at
com.webobjects.eodistribution.EODistributionContext._processClientRequest(
EODistributionContext.java:494)
    at
com.webobjects.eodistribution.EODistributionContext.responseToClientMessage(
EODistributionContext.java:582)
    at
com.webobjects.eodistribution.WOJavaClientComponent.handleClientRequest(WO
JavaClientComponent.java:1148)
    at
com.webobjects.eodistribution.WOJavaClientComponent.invokeAction(WOJavaCli
entComponent.java:445)
    at
com.webobjects.appserver._private.WOComponentReference.invokeAction(WOComp
onentReference.java:127)
    at
com.webobjects.appserver._private.WODynamicGroup.invokeChildrenAction(WODy
namicGroup.java:105)
    at
com.webobjects.appserver._private.WODynamicGroup.invokeAction(WODynamicGro
up.java:115)
    at
com.webobjects.appserver.WOComponent.invokeAction(WOComponent.java:1079)
    at com.webobjects.appserver.WOSession.invokeAction(WOSession.java:1357)
    at
com.webobjects.appserver.WOApplication.invokeAction(WOApplication.java:174
5)
    at
com.webobjects.appserver._private.WOComponentRequestHandler._dispatchWithP
reparedPage(WOComponentRequestHandler.java:206)
    at
com.webobjects.appserver._private.WOComponentRequestHandler._dispatchWithP
reparedSession(WOComponentRequestHandler.java:298)
    at
com.webobjects.appserver._private.WOComponentRequestHandler._dispatchWithP
```

```
reparedApplication(WOComponentRequestHandler.java:332)
  at
com.webobjects.appserver._private.WOComponentRequestHandler._handleRequest
(WOComponentRequestHandler.java:369)
  at
com.webobjects.appserver._private.WOComponentRequestHandler.handleRequest(
WOComponentRequestHandler.java:442)
  at
com.webobjects.appserver.WOApplication.dispatchRequest(WOApplication.java:
1687)
  at
com.webobjects.appserver._private.WOWorkerThread.runOnce(WOWorkerThread.ja
va:144)
  at
com.webobjects.appserver._private.WOWorkerThread.run(WOWorkerThread.java:2
```

```
26)
  at java.lang.Thread.run(Thread.java:613)
```

This error is generated at application startup when you have the wojavaclient.jar loading prior to the regular WO Frameworks - specifically JavaEOApplication.framework.

## Client-Side Errors

### java.lang.NoClassDefFoundError

```

Exception in thread "AWT-EventQueue-0"
com.webobjects.foundation.NSForwardException
[ java.lang.NoClassDefFoundError ]
com/company/myapp/common/MyClass: java.lang.NoClassDefFoundError:
com/company/myapp/common/MyClass
    at
com.webobjects.foundation.NSForwardException._runtimeExceptionForThrowable
(NSForwardException.java:39)
    at
com.webobjects.eodistribution.common._EOReferenceRecordingCoder$_Decoder.d
ecodeObject(_EOReferenceRecordingCoder.java:769)
    at
com.webobjects.eodistribution.common._EOReferenceRecordingCoder.decodeObje
ct(_EOReferenceRecordingCoder.java:611)
    at
com.webobjects.eodistribution.common._EOReferenceRecordingCoder.decodeObje
cts(_EOReferenceRecordingCoder.java:649)
    at com.webobjects.foundation.NSArray.decodeObject(NSArray.java:1326)
    at sun.reflect.GeneratedMethodAccessor4.invoke(Unknown Source)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorIm
pl.java:25)
    at java.lang.reflect.Method.invoke(Method.java:585)
    at
com.webobjects.eodistribution.common._EOReferenceRecordingCoder$_Decoder.d
ecodeObject(_EOReferenceRecordingCoder.java:767)
    at
com.webobjects.eodistribution.common._EOReferenceRecordingCoder.decodeObje
ct(_EOReferenceRecordingCoder.java:611)
    at
com.webobjects.eodistribution.common._EOServerReturnValue.decodeObject(_EO
ServerReturnValue.java:65)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:
39)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorIm
pl.java:25)
    at java.lang.reflect.Method.invoke(Method.java:585)
        ... (truncated for clarity)
Caused by: java.lang.NoClassDefFoundError: com/company/myapp/common/MyClass
    at java.lang.ClassLoader.defineClass1(Native Method)
    at java.lang.ClassLoader.defineClass(ClassLoader.java:675)
    at java.security.SecureClassLoader.defineClass(SecureClassLoader.java:124)
    at java.net.URLClassLoader.defineClass(URLClassLoader.java:260)
    at java.net.URLClassLoader.access$100(URLClassLoader.java:56)
    at java.net.URLClassLoader$1.run(URLClassLoader.java:195)
        ... (truncated for clarity)

```

If the client-side application is complaining about not being able to find classes that are part of a framework when run from within Eclipse, it means

the the ClasspathClient.txt is missing classpath entries. This file is not automatically maintained by WOLips (yet). Any frameworks that you import into your project must have a corresponding entry formatted as follows:

```
APPROOT/WebServerResources/Java/MyFramework.jar
```

**Be Careful**

Don't use the WOROOT path of the framework (WOROOT/Library/Frameworks/MyFramework.framework/WebServerResources/Java/MyFramework.jar) because this is only valid for the core WebObjects frameworks. Any other frameworks (yours, Wonder, etc) need to be located in the APPROOT.