

# Ant FTP task NoClassDefFoundError

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*Source:* <http://coding.derkeiler.com/Archive/Java/comp.lang.java.softwaretools/2007-04/msg00030.html>

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Hi all!

I have created a pretty big and working build.xml file. The only thing I need to be happy is a deploy task to put a jar on a remote server like:

```
<target name="deploy" depends="compile-nodebug">
<jar destfile="${deploy.file}" basedir="${bin.dir}">
<manifest>
<attribute name="Main-Class" value="${main.class.name}"/>
<attribute name="Built-By" value="${author.name}"/>
<attribute name="Built-On" value="${datetime.iso}"/>
</manifest>
<!-- include all file types recursively (default excludes sub
dirs without includable files) -->
<!-- note: filesets don't seem to be able to handle property
references! -->
<fileset dir="." includes="images/**/*.*gif,images/**/*.*jpg,images/
**/*.*png" excludes="images/orig/*"/>
<fileset dir="." includes="languages/**/*.*properties"/>
<fileset dir="." includes="lib/**/*.*jar"/>
</jar>
<ftp server="${remote.server}"
userid="${remote.username}"
password="${remote.password}"
remotedir="${remote.deploy.dir}"
binary="true"
verbose="true">
<fileset dir="." includes="${deploy.file}"/>
</ftp>
</target>
```

The jar task does nothing special but to create the jar file (\$ {deploy.file}) to be uploaded to the remote server. When executing the <ftp> task the following error appears:

Could not create type ftp due to java.lang.NoClassDefFoundError: org/apache/commons/net/ftp/FTPClientConfig

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I checked my Ant installation, I downloaded the latest 1.7 some weeks ago (binary zip) and the optional jars all seem to be in the Ant lib subdir (such as ant-commons-net.jar).

I also set the ANT\_HOME env var to point to the Ant root but that didn't help.

How do I fix this? What's wrong anyway?

TIA  
Karsten