

Tomcat4+Apache – Install trouble on Debian?

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2003-07/1523.html>

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To: debian-user@lists.debian.org

I'm having trouble with tomcat4+Apache(1.3) on Debian;
I find that tomcat, and tomcat4, don't install properly from the regular
stable apt-get packages.

After much research on lists, FAQs, etc, there are lots of hints,
do-it-yourself configurations, and other changes to try and conflicting
recommendations(!), but I'd like to reduce the additional time involved
(spent far too much already!); can't I just do an apt-get install tomcat4,
and libapache-mod-webapp and have it work?

Basically Tomcat seems to work fine standalone (port 8180), same for Apache
(port 80), but I cannot get connected to Tomcat via apache.

I first installed libapache-mod_jk, but it looks like that just adds an
include to /etc/apache/httpd.conf which includes the empty file:

```
/var/lib/tomcat/conf/mod_jk.conf
```

--- which seems to be empty on purpose!?

It does also indicate:

```
JkWorkersFile /etc/tomcat/jk/workers.properties
```

So, this looks like a null-connection from Apache to tomcat; and indeed
Apache doesn't dispatch .jsp's to tomcat.

I did (then) install libapache-mod-webapp, and added the lines to
httpd.conf (as requested in tomcat4/server.xml), but still don't get apache
to dispatch .jsp's to tomcat.

The LoadModule seems to work fine; and logs this:

```
2003-07-31 11:06:04 [org.apache.catalina.connector.warp.WarpConnector]  
Connection from localhost/127.0.0.1:1998 to localhost/127.0.0.1:8008
```

But this uses mod-webapp, so now httpd.conf has two connectors?

```
# LoadModule webapp_module libexec/mod_webapp.so  
WebAppConnection warpConnection warp localhost:8008  
# WebAppDeploy examples warpConnection /examples/ (Won't work..?)
```

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```
<IfModule mod_jk.c>
# The following line is for apacheconfig – DO NOT REMOVE!
JkWorkersFile /etc/tomcat/jk/workers.properties
Include /var/lib/tomcat/conf/mod_jk.conf
# added: GRG (from
http://katalynx.dyndns.org/~ajar/code/howtos/debian-tomcat4.html )
Include /etc/apache/mod_jk/tomcat.conf
</IfModule>
```

Symptoms:

- 1) From Apache .jsp's are just sent, not run.
- 2) I cannot use any of the webapp directives in httpd.conf; e.g.
 - # WebAppDeploy examples warpConnection /examples/
 - # WebAppInfo /webappinfo

Both give: "Invalid command, perhaps misspelled?"

- 3) the /examples (Tomcat) front pages come up, but then cannot access the servlets... (or JSPs)

Hints? :-)

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