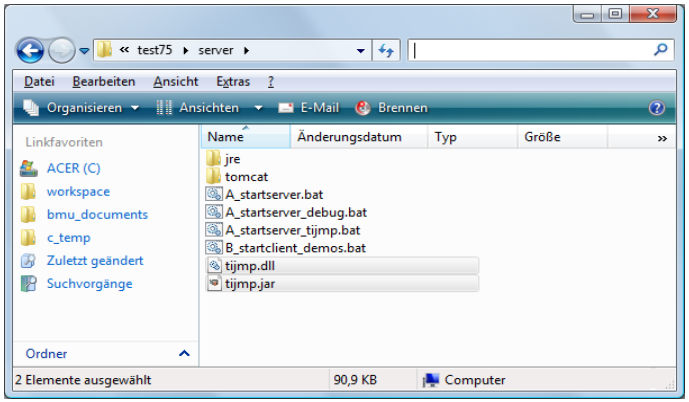
Server side Memory Profiling

Memory Profiler

- In case of „constantly increasing memory“: any attempt of solving the issue without using a memory profiler is just not serious...!
- We internally use TIJMP
  - http://www.khelekore.org/jmp/tijmp/
  - Of course there are other profilers with more features available as well! TIJMP does the job we expect it to do, that's why we use it.

Installation

- Copy tijmp.dll and tijmp.jar into the default start directory for the Tomcat server of CaptainCasa
- Update the start.bat file for starting the Tomcat:

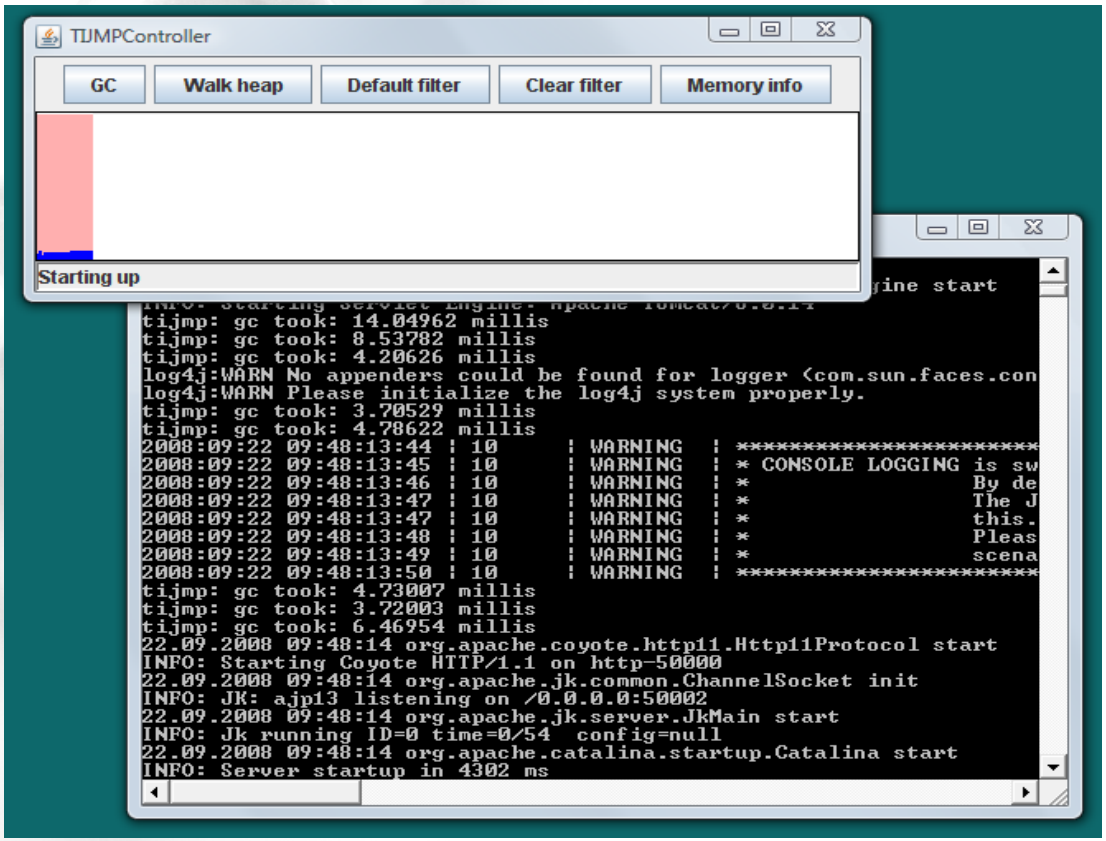



```
set JAVA_HOME=
set JRE_HOME=jre
set CATALINA_HOME=tomcat
set JAVA_OPTS=-Xmx512m -Xms128m -agentlib:tijmp
  -Dtijmp.jar=tijmp.jar

tomcat/bin/catalina run
```

Result

- Tomcat is started, in parallel a profiler window is opened



Typical Steps

- Start Garbage Collection
- Start „Walk Heap“ in order to reset counters
- Do certain steps in your application, end the steps.
- Start Garbage Collection
- Start „Walk Heap“ again and analyze differences