

# JPTWML: Solving Java Memory Leaks

## Exercise 4:

### Resource Leak

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**Purpose:** Resolve a memory leak.

This version of Tips will exhaust another OS resource as a side effect of a memory leak

- 1) Open a terminal window and cd into jptwml/database
- 2) Compile and start the database application using the compile and dbStart script. Leave the database running in this window.
- 3) Open a terminal window and cd into jptwml/exercise3.
- 4) Compile and start jetty using the compile and appServerStart scripts.
- 5) Test the app using the URL <http://localhost:8080/tips/wildcard>.
- 6) Start JMeter using the provided jmeter script.
- 7) In this exercise you can use the tool of your choice or all of the tools if you wish to triage the leak
- 8) Run the JMeter script
- 9) Confirm the leak
- 10) Triage the leak, resolve and confirm the solution
- 11) Shutdown the database