

Daemon threads

by David Kebo



What is a daemon thread ?

- A thread that runs in the background
- performs system code
- The run() method is an infinite loop that waits for a service request.

Properties

- Inheritance
The child of a daemon thread, is a daemon
- low priority

Some methods

Set a thread as daemon:
DaemonThread t = new DaemonThread();
t.setDaemon(true);
t.start();

Accessor method:
public boolean isDaemon()

Summary

- Daemon threads vs. User threads
- User threads run program code
- Daemon threads run system code
- Daemon threads are service providers
- JVM terminates when all remaining threads are daemons

Examples of daemon threads ?

- Server thread listening on a port for client requests
- Java garbage collector to reclaim any unused memory

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