Project Loom

Lightweight threads

Commit. Develop. Share.

jdriven

Q: Waarom Project Loom?

A: Project Loom is intended to explore, incubate and deliver Java VM features and APIs built on top of them for the purpose of supporting easy-to-use, high-throughput lightweight concurrency and new programming models on the Java platform.

Nieuwe constructies

- Tail-call elimination
- Delimited continuations
- Virtual threads

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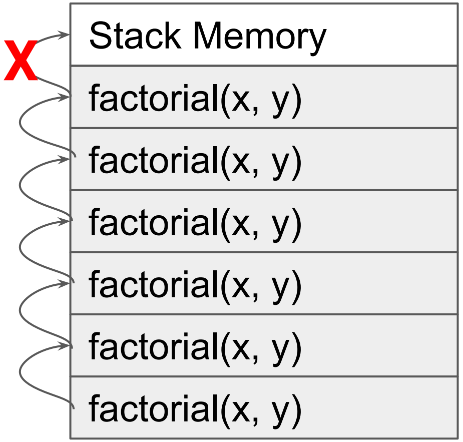
```
public int factorial(int n, int result)
{

    if (n == 0) return result;

    return factorial(n-1, n*result);

}
```



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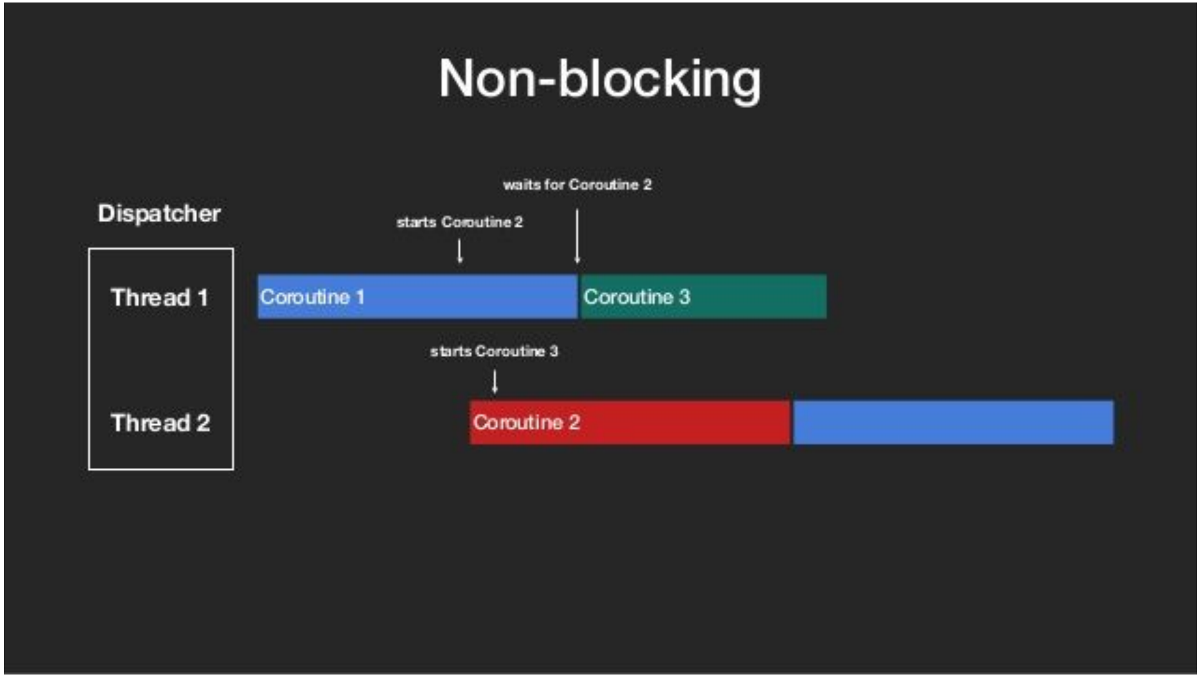

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Demo

Wanneer?

Resources

Project:

- https://wiki.openjdk.java.net/display/loom
- https://wiki.openjdk.java.net/display/loom/Getting+started

Early Access builds:

- https://jdk.java.net/loom/
- https://sdkman.io/jdks#open
- https://mkyong.com/java/how-to-install-java-on-mac-osx/#manual-install-java-early-access-builds-on-macos

GitHub:

- https://github.com/openjdk/loom
- https://github.com/tomdevroomen/loom-demo

YouTube:

- https://www.youtube.com/watch?v=EO9oMiL1fFo

  Project Loom: Modern Scalable Concurrency for the Java Platform — Ron Pressler

Dat was m al!