

From 'Java Sucks' to 'Java...Eh, Not Bad'

How Vert.x & Java 21 Made Me Stop Complaining

Thomas Gebert

Who Am I?

- Software Engineer in New York City.

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- There is nothing else interesting about me.

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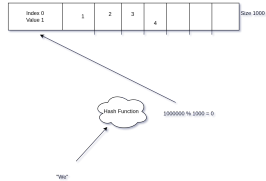
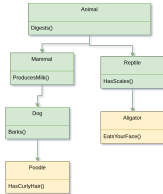
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- (Can be) fast.

Storytime.

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**ColdFusion
Programming
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- Many of us are stuck in this hell.

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- Deployed with `vertx.deployVerticle(...)`

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```
void doSomethingAsync(Promise<String> promise) {  
    vertx.setTimer(500, id -> {  
        promise.complete("Hello, future!");  
    });  
}
```

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- Useful when handling large streams (e.g., file uploads, HTTP bodies)

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Example: Handling a slow WriteStream

```
source.pipeTo(slowSink, res -> {  
    if (res.succeeded()) {  
        System.out.println("All data written.");  
    } else {  
        res.cause().printStackTrace();  
    }  
});
```

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Conclusion.

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- Java 21 isn't that bad.
- Convince your employers to upgrade if you want to reclaim your sanity.
- Blah . . .
- Use libraries like Vert.x and Disruptor to make life simpler.

Conclusion.

- `thomas@gebert.app`
- `blog.tombert.com`

