

Entregando aplicações Java com mais eficiência usando Quarkus

(do hello World a API com Quarkus)

“The two most important days in your life are the day you are born and the day you find out why.”

Mark Twain

Oi eu sou

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DB1
global software

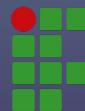


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>DevBagé-



THE
DEVELOPER'S
CONFERENCE



INSTITUTO
FEDERAL
Sul-rio-grandense

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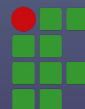


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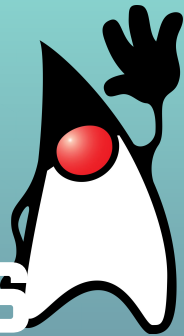
DevBagé



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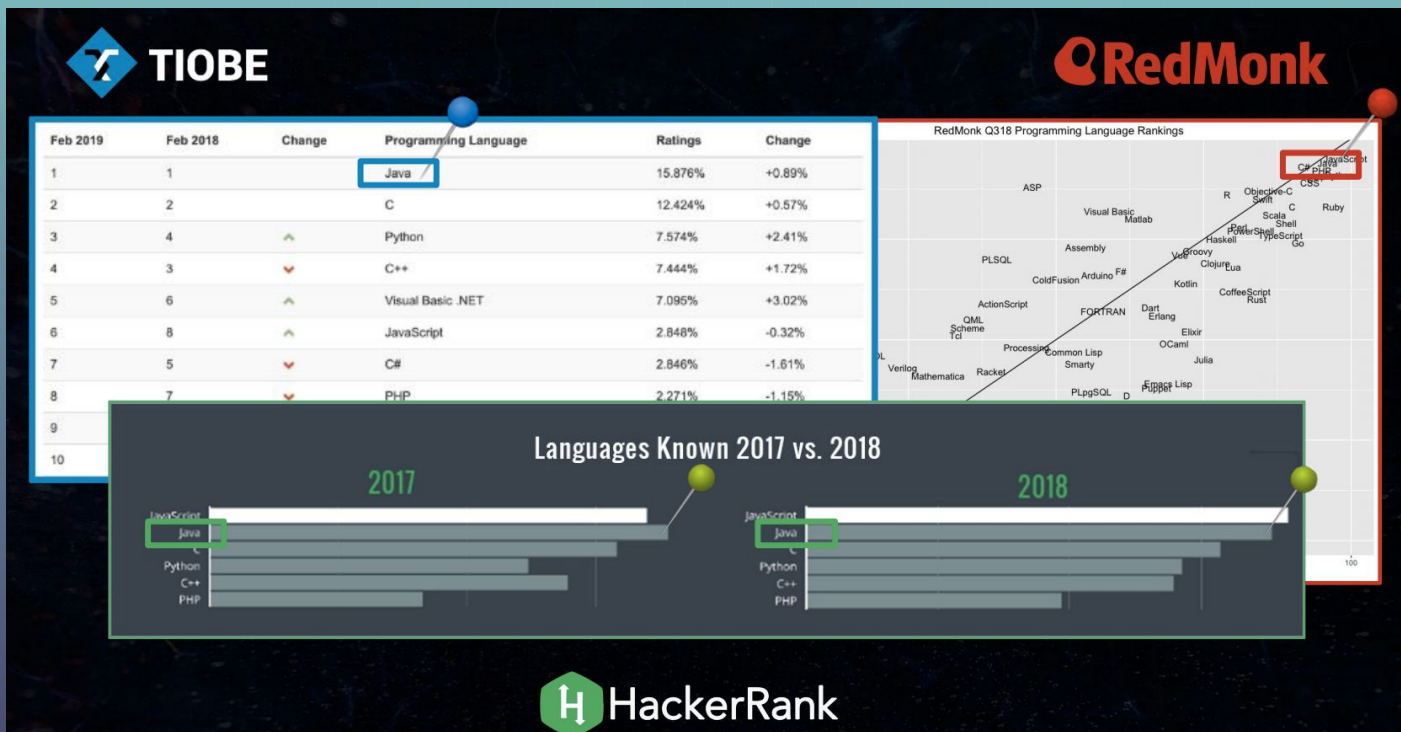
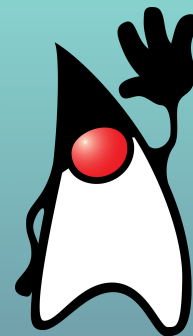


O que importa é como podemos
ajudar as pessoas a conquistar
os seus objetivos.



QUARKUS

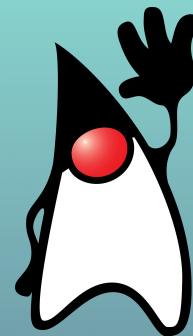
Java em números



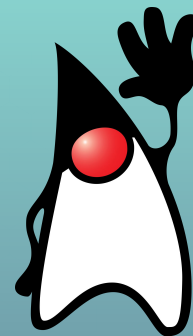
QUARKUS

Mas....

OBJETOS MAIS PESADOS DO UNIVERSO

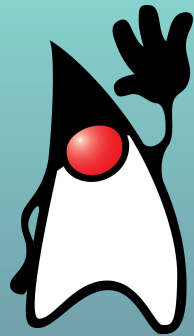


QUARKUS



QUARKUS

Enfim chegamos a grande sacada



Red Hat



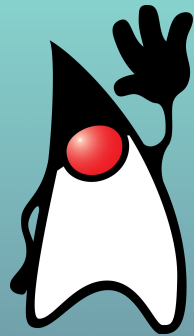
QUARKUS

OpenJDK
GraalVM™



QUARKUS

Quarkus, nunca vi nem comi?



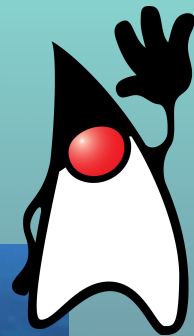
Quarkus é um framework desenvolvido pela RedHat, personalizado para GraalVM e OpenJDK utilizando o HotSpot como Java Virtual Machine (jvm), sendo possível usar as versões 8 e 11 do OpenJDK (respectivamente 8u222-b10 e 11.0.4+11)

Com ele podemos usar Java e/ou Kotlin como linguagem de programação para desenvolvermos nossas aplicações.



QUARKUS

Por falar nisso!



QUARKUS

GET STARTED GUIDES COMMUNITY BLOG **START CODING**

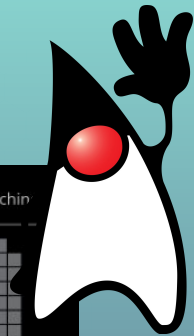
 **QUARKUS**
Supersonic Subatomic Java
A Kubernetes Native Java stack tailored for OpenJDK HotSpot and GraalVM, crafted from the best of breed Java libraries and standards.

QUARKUS 1.0
IS HERE
[Learn more](#)

GET STARTED WITH QUARKUS



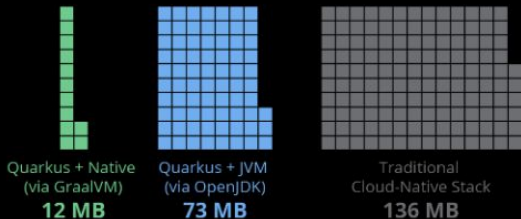
Wo0000W



Memory (RSS) in Megabytes*

*Tested on a single-core machine

REST



REST + CRUD



BOOT + First Response Time

REST



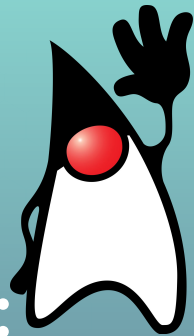
REST + CRUD



QUARKUS



Mas como acontece?

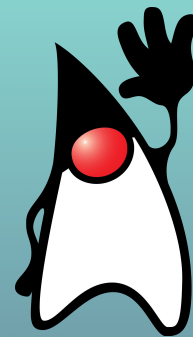


Utilizando Ahead-of-time compilation (AOT compilation):
A técnica AOT visa compilar o código antes de executar, ajudando a eliminar sobrecargas de compilação durante a execução da aplicação.



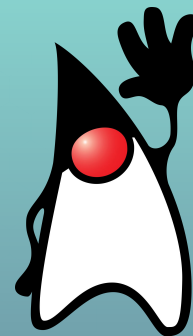
QUARKUS

Dito isso, bora codar?!

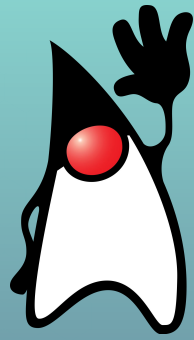


QUARKUS

Reflexão



QUARKUS



QUARKUS