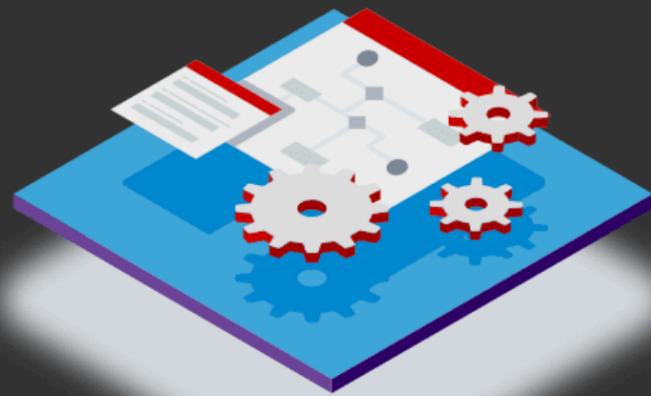


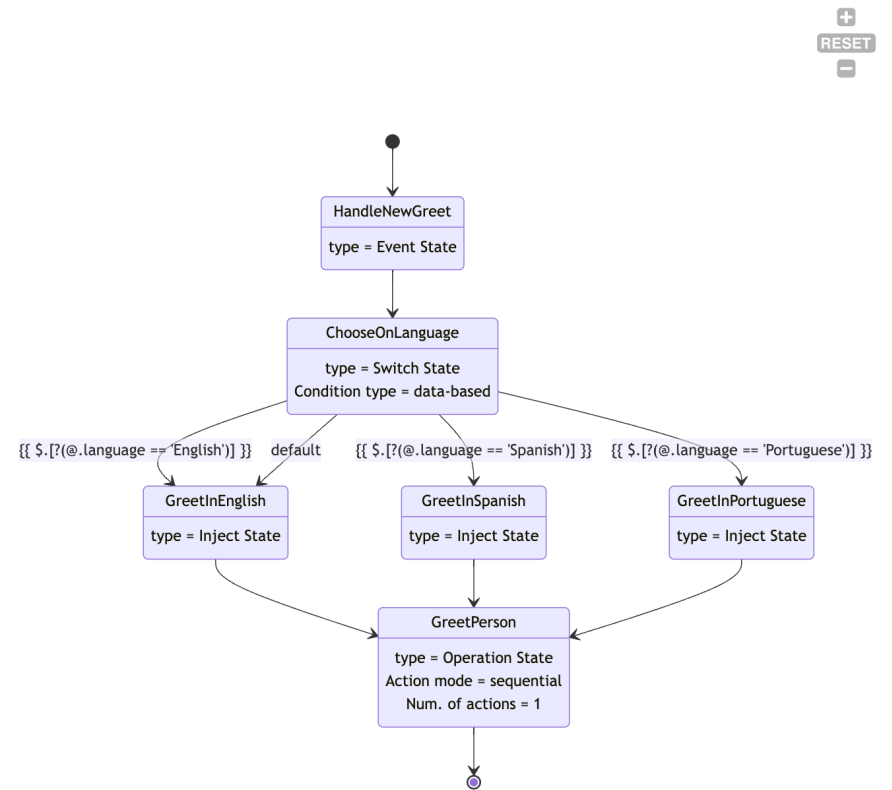
# Desenvolvimento Open Source, uma visão profissional

Eder Ignatowicz  
Principal Software Engineer  
Architect@ Red Hat

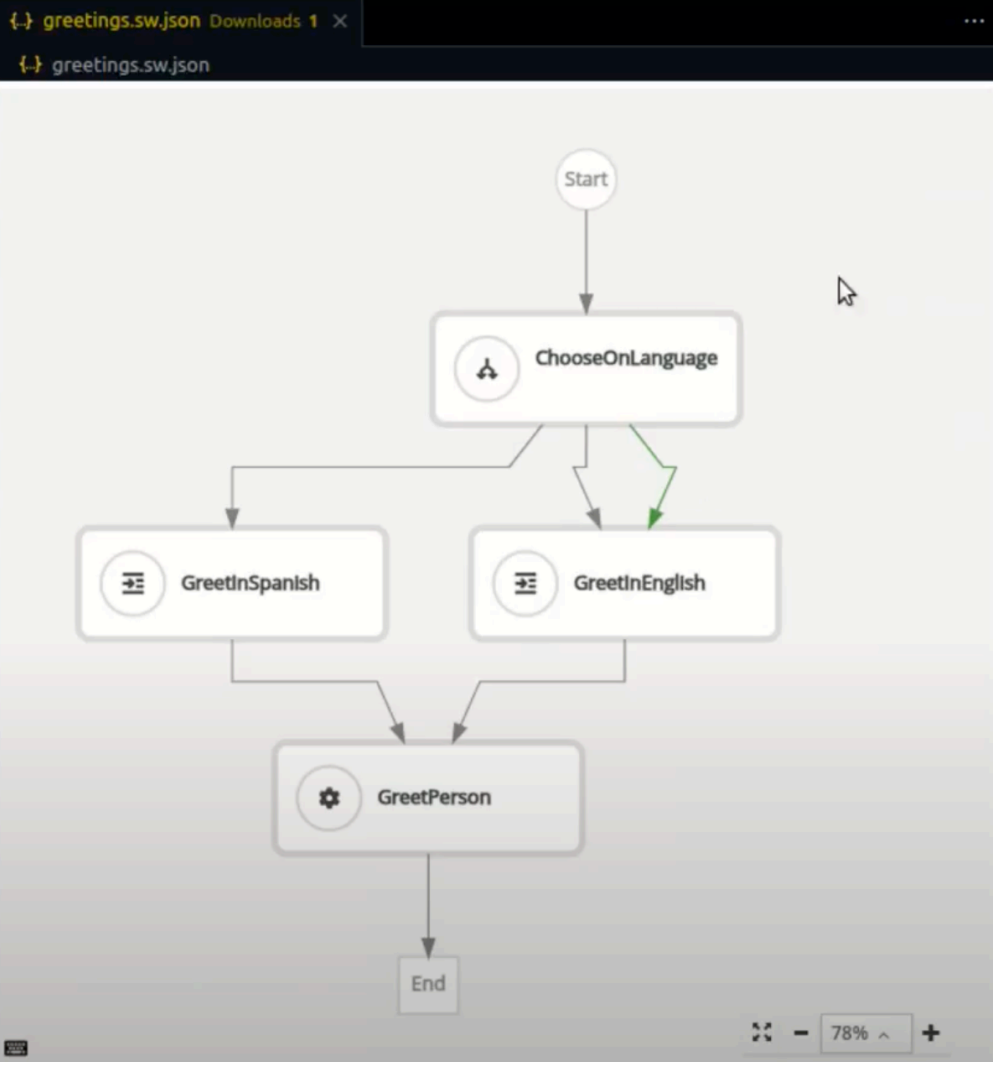


Serverless Workflowgreetings-kafka✔ Saved+ New fileTry on OpenShiftShare⋮

```
1 {
2   "id": "jsongreet",
3   "version": "1.0",
4   "name": "Greeting workflow",
5   "expressionLang": "jsonpath",
6   "description": "JSON based greeting workflow",
7   "start": "HandleNewGreet",
8   "+ Add function..."
9   "functions": [
10    {
11      "name": "printMessage",
12      "type": "custom",
13      "operation": "sysout"
14    }
15  ],
16  "events": [
17    {
18      "name": "NewGreetEvent",
19      "source": "greetEvent",
20      "type": "dev.knative.kafka.event"
21    }
22  ],
23  "states": [
24    {
25      "name": "HandleNewGreet",
26      "type": "event",
27      "onEvents": [
28        {
29          "eventRefs": ["NewGreetEvent"],
30          "actions": []
31        }
32      ],
33      "transition": "ChooseOnLanguage"
34    },
35    {
36      "name": "ChooseOnLanguage",
37      "type": "switch",
38      "dataConditions": [
39        {
40          "condition": "{{ $.?(@.language == 'English') }}",
41          "transition": "GreetInEnglish"
42        },
43        {
44          "condition": "{{ $.?(@.language == 'Spanish') }}",
45          "transition": "GreetInSpanish"
46        },
47        {
48          "condition": "{{ $.?(@.language == 'Portuguese') }}",
49          "transition": "GreetInPortuguese"
50        }
51      ],
52      "defaultCondition": {
53        "transition": "GreetInEnglish"
54      }
55    }
56  ]
57 }
```

+ RESET  
-

```
{-} greetings.sw.json Downloads 1 X
{-} greetings.sw.json > ...
1
2 "id": "jsongreet",
3 "version": "1.0",
4 "name": "Greeting workflow",
5 "expressionLang": "jsonpath",
6 "description": "JSON based greeting workflow",
7 "start": "ChooseOnLanguage",
8 "functions": [
9   {
10    "name": "greetFunction",
11    "type": "custom",
12    "operation": "sysout"
13   }
14 ],
15 "states": [
16   {
17    "name": "ChooseOnLanguage",
18    "type": "switch",
19    "dataConditions": [
20     {
21      "condition": "${ $.[?(@.language == 'English')] }",
22      "transition": "GreetInEnglish"
23     },
24     {
25      "condition": "${ $.[?(@.language == 'Spanish')] }",
26      "transition": "GreetInSpanish"
27     }
28   ],
29   "defaultCondition": {
30    "transition": "GreetInEnglish"
31   }
32 },
33 {
34   "name": "GreetInEnglish",
35   "type": "inject"
```







APUCARANA  
*Cidade Educação*

CAPITAL DO BONÉ



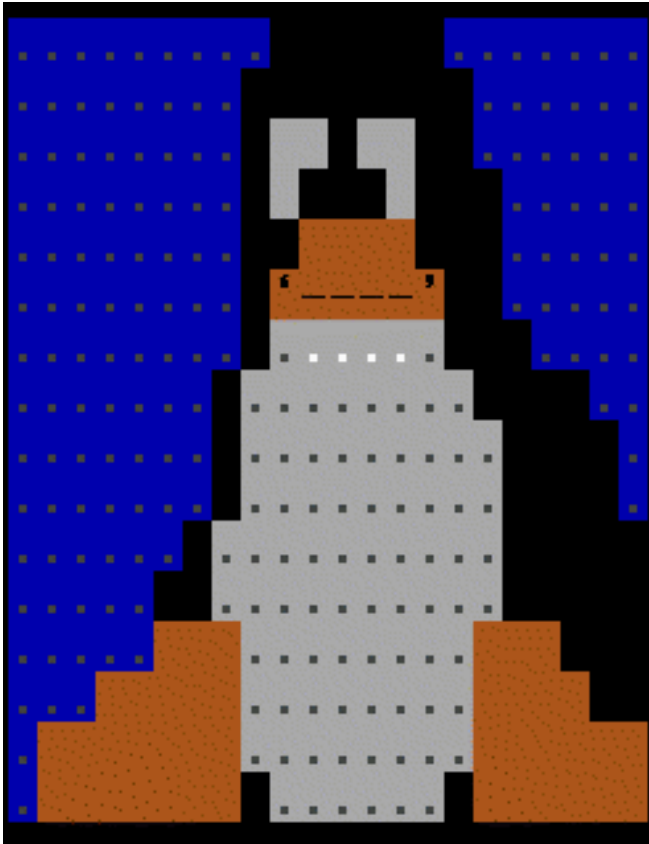




DONKEY.BAS

```
REM The IBM Personal Computer Donkey
REM Version 1.10 (C)Copyright IBM Corp 1981, 1982
REM Licensed Material - Program Property of IBM
DEF SEG : POKE 106, 0
SAMPLE$ = "NO"
DIM CAR$(900)
GOTO 1010
SAMPLE$ = "YES"
1010 KEY OFF: SCREEN 0, 1: COLOR 15, 0, 0: WIDTH 40: CLS : LOCATE 5, 19: PRINT
LOCATE 7, 12, 0: PRINT "Personal Computer"
COLOR 10, 0: LOCATE 10, 9, 0: PRINT CHR$(213) + STRING$(21, 205) + CHR$(184)
LOCATE 11, 9, 0: PRINT CHR$(179) + " DONKEY " + CHR$(179)
LOCATE 12, 9, 0: PRINT CHR$(179) + STRING$(21, 32) + CHR$(179)
LOCATE 13, 9, 0: PRINT CHR$(179) + " Version 1.10 " + CHR$(179)
LOCATE 14, 9, 0: PRINT CHR$(212) + STRING$(21, 205) + CHR$(190)
COLOR 15, 0: LOCATE 17, 4, 0: PRINT "(C) Copyright IBM Corp 1981, 1982"
COLOR 14, 0: LOCATE 23, 7, 0: PRINT "Press space bar to continue"
1100 IF INKEY$ <> "" THEN GOTO 1100
1110 CMD$ = INKEY$
```

Immediate



```
LL      IIIIII  NN  NN  UU  UU  XX  XX
LL      II      NNN NN  UU  UU  XXXX
LL      II      NNNN NN  UU  UU  XX
LL      II      NN  NNNN UU  UU  XXXX
LLLLLL  IIIIII  NN  NN  UUUU  XX  XX
```

Linux Version 2.4.0-test5  
Compiled #17 Wed Aug 2 19:43:44 EDT 2000  
One 450MHz AMD K6-2+ Processor, 160M RAM  
897.84 Bogomips Total  
hal



**open source**



UNIVERSIDADE ESTADUAL DE LONDRINA



Me tornar um  
programador  
“de sucesso”!

Your plan



Reality



Como ser bem sucedido  
no mercado?



# Foco no Mercado de Trabalho

C.R.U.D.

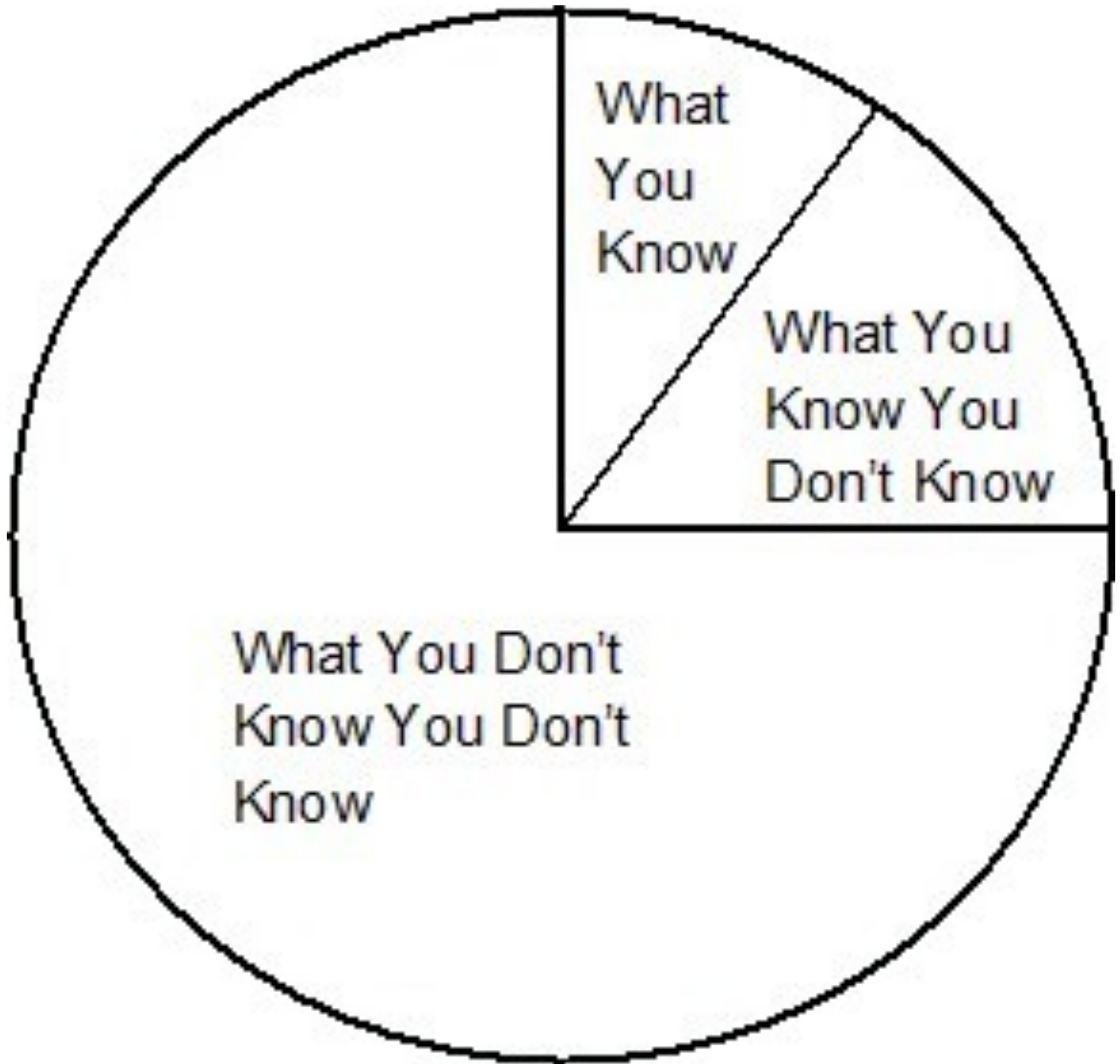
Foco no que eu achava  
que era importante para  
o mercado de trabalho

Mercado de trabalho

!=

Ciência de Computação

Meu erro? :)



Conhecimento limitado  
sobre o mercado de  
trabalho

Foco no que eu achava  
que era importante para  
evoluir na empresa que  
eu estava



C.R.U.D.

# Rumo a carreira gerencial

Jr -> Pleno -> Senior ->  
Tech Lead -> Gerente





DONKEY.BAS

```
REM The IBM Personal Computer Donkey
REM Version 1.10 (C)Copyright IBM Corp 1981, 1982
REM Licensed Material - Program Property of IBM
DEF SEG : POKE 106, 0
SAMPLE$ = "NO"
DIM CAR$(900)
GOTO 1010
SAMPLE$ = "YES"
1010 KEY OFF: SCREEN 0, 1: COLOR 15, 0, 0: WIDTH 40: CLS : LOCATE 5, 19: PRINT
LOCATE 7, 12, 0: PRINT "Personal Computer"
COLOR 10, 0: LOCATE 10, 9, 0: PRINT CHR$(213) + STRING$(21, 205) + CHR$(184)
LOCATE 11, 9, 0: PRINT CHR$(179) + " DONKEY " + CHR$(179)
LOCATE 12, 9, 0: PRINT CHR$(179) + STRING$(21, 32) + CHR$(179)
LOCATE 13, 9, 0: PRINT CHR$(179) + " Version 1.10 " + CHR$(179)
LOCATE 14, 9, 0: PRINT CHR$(212) + STRING$(21, 205) + CHR$(190)
COLOR 15, 0: LOCATE 17, 4, 0: PRINT "(C) Copyright IBM Corp 1981, 1982"
COLOR 14, 0: LOCATE 23, 7, 0: PRINT "Press space bar to continue"
1100 IF INKEY$ <> "" THEN GOTO 1100
1110 CMD$ = INKEY$
```

Immediate

-

# Comunidades

Consumir e compartilhar  
conhecimento



THE  
DEVELOPER'S  
CONFERENCE



#VidasNegrasImportam 🖐️

QCon



Campus  
Party™





# QCon Software Conferences

## Helping senior software developers adopt new technologies and practices.

Learn from a global professional engineering community.  
Adopt the right software innovations and practices.  
Discover your future tech vision.

Attend QCon in 2022 to uncover emerging software trends and practices to solve your complex engineering challenges, without the product pitches.




Registration Open!

### QCon San Francisco

Oct 24-28, 2022

[REGISTER](#)



Virtual Conference

### QCon Plus (online)

Nov 29 - Dec 9, 2022

[SUBSCRIBE](#)

# Presentations

< NEWER

OLDER >



CULTURE & METHODS

## Developing a Digital Product: What It Is and How

Roberto Mameli discusses the implications and what it takes to build a successful digital product in the digital economy and how to leverage the network effect.

ROBERTO MAMELI ON OCT 31, 2019

👍 LIKE



CULTURE & METHODS

## How to Find Purpose in Work

Katharina Probst discusses autonomy, mastery, and purpose which motivate people, diving deeper into purpose.

KATHARINA PROBST ON OCT 23, 2019

👍 LIKE



AI, ML & DATA ENGINEERING

## Big Data's Ethical Drought: The Thirst for More Data Has Led to a Lapse in Ethics and Privacy

Katharine Jarmul provides examples of data (mis)use and asking how we can work with data without violating the trust and privacy of users, producing an ethical product?

KATHARINE JARMUL ON OCT 17, 2019

👍 LIKE



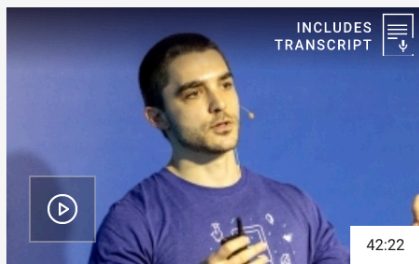
ARCHITECTURE & DESIGN

## Bayesian Optimization of Gaussian Processes with Applications to Performance Tuning

Ramki Ramakrishna discusses using Bayesian optimization of Gaussian processes to optimize the performance of a microservices architecture.

RAMKI RAMAKRISHNA ON OCT 11, 2019

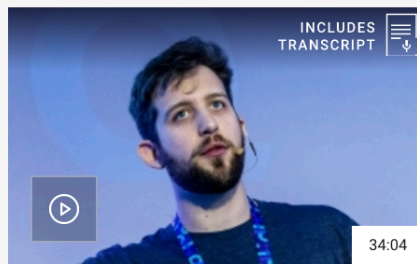
👍 LIKE



CULTURE & METHODS

## Highlighting Silicon Valley Strategies for Improving Engineering Velocity, Efficiency, and Quality

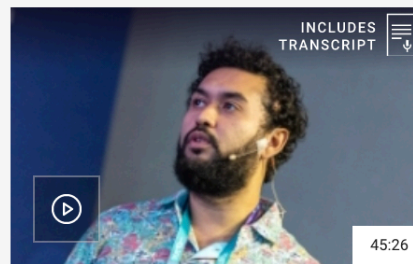
David Mercurio shares personal insights and experiences about cultural practices that one can apply to help improve the effectiveness of an engineering organization.



DEVELOPMENT

## Your Program as a Transpiler: Applying Compiler Design to Everyday Programming

Edoardo Vacchi discusses opportunities to apply programming language development techniques learned working with Drools and jBPM to a broader context.



AI, ML & DATA ENGINEERING

## A Look at the Methods to Detect and Try to Remove Bias in Machine Learning Models

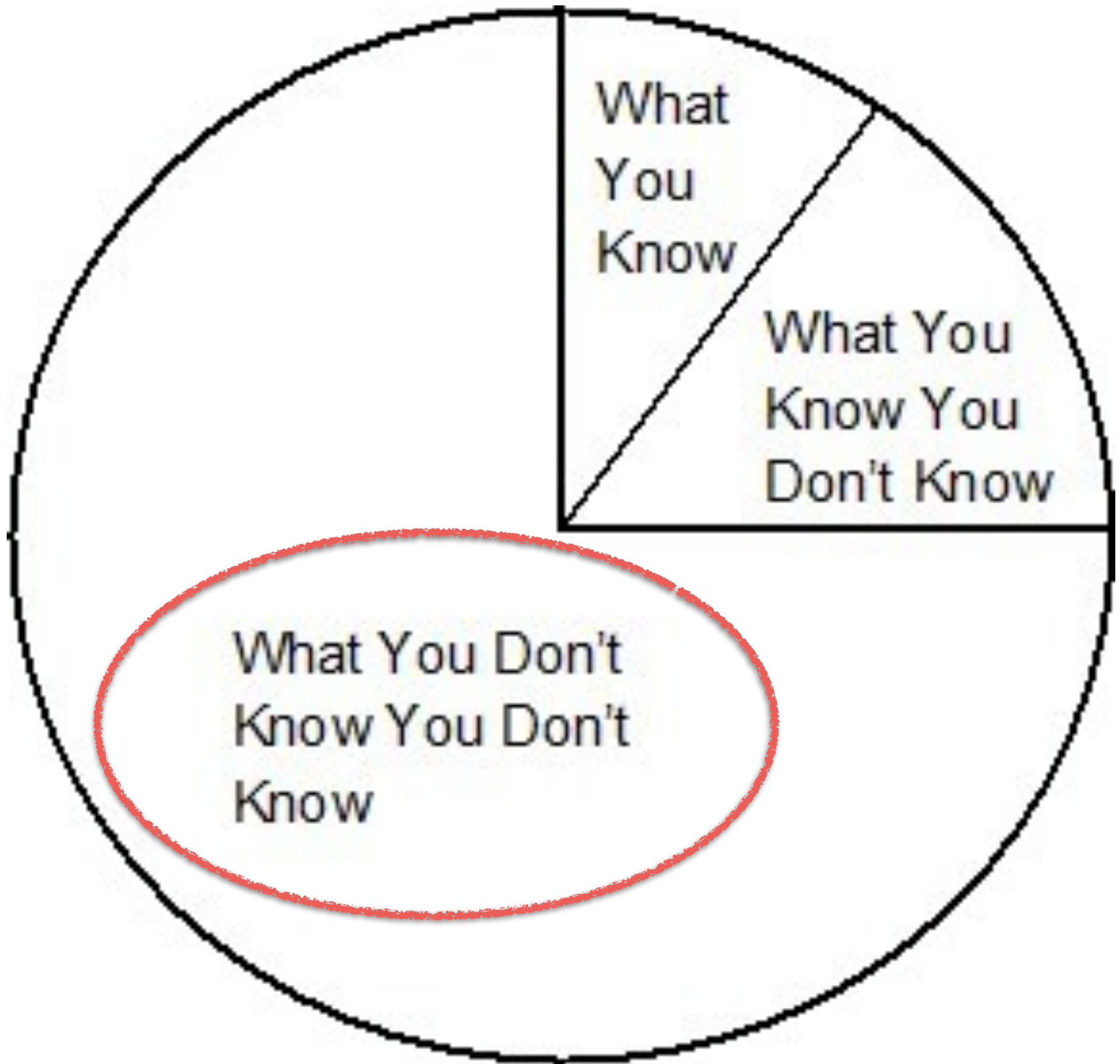
Thierry Silbermann explores some examples where machine learning fails and/or is making a negative impact, looking at some of the tools available today to fix the model.



ARCHITECTURE & DESIGN

## Software Supply Chain Management with Grafeas and Kritis

Aysylu Greenberg discusses the goals for Grafeas and Kritis used to secure a company's software supply chain, and concludes with the details of current and future development.



What  
You  
Know

What You  
Know You  
Don't Know

What You Don't  
Know You Don't  
Know

# Presentations

< NEWER

OLDER >



CULTURE & METHODS

## Developing a Digital Product: What It Is and How

Roberto Mameli discusses the implications and what it takes to build a successful digital product in the digital economy and how to leverage the network effect.

ROBERTO MAMELI ON OCT 31, 2019

 LIKE



CULTURE & METHODS

## How to Find Purpose in Work

Katharina Probst discusses autonomy, mastery, and purpose which motivate people, diving deeper into purpose.

KATHARINA PROBST ON OCT 23, 2019

 LIKE



AI, ML & DATA ENGINEERING

## Big Data's Ethical Drought: The Thirst for More Data Has Led to a Lapse in Ethics and Privacy

Katharine Jarmul provides examples of data (mis)use and asking how we can work with data without violating the trust and privacy of users, producing an ethical product?

KATHARINE JARMUL ON OCT 17, 2019

 LIKE



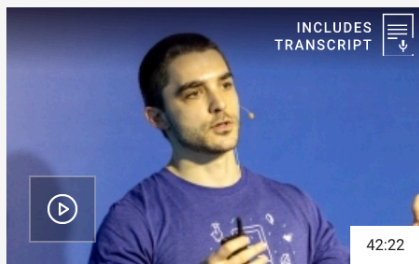
ARCHITECTURE & DESIGN

## Bayesian Optimization of Gaussian Processes with Applications to Performance Tuning

Ramki Ramakrishna discusses using Bayesian optimization of Gaussian processes to optimize the performance of a microservices architecture.

RAMKI RAMAKRISHNA ON OCT 11, 2019

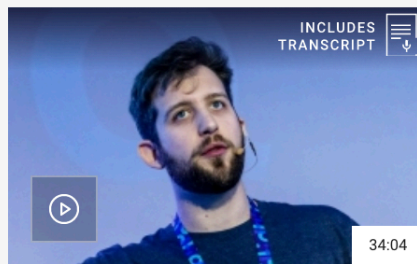
 LIKE



CULTURE & METHODS

## Highlighting Silicon Valley Strategies for Improving Engineering Velocity, Efficiency, and Quality

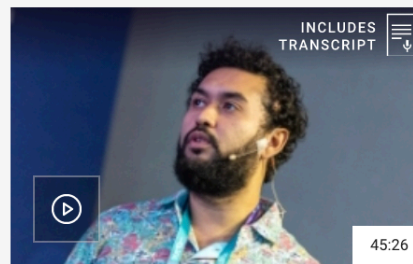
David Mercurio shares personal insights and experiences about cultural practices that one can apply to help improve the effectiveness of an engineering organization.



DEVELOPMENT

## Your Program as a Transpiler: Applying Compiler Design to Everyday Programming

Edoardo Vacchi discusses opportunities to apply programming language development techniques learned working with Drools and jBPM to a broader context.



AI, ML & DATA ENGINEERING

## A Look at the Methods to Detect and Try to Remove Bias in Machine Learning Models

Thierry Silbermann explores some examples where machine learning fails and/or is making a negative impact, looking at some of the tools available today to fix the model.



ARCHITECTURE & DESIGN

## Software Supply Chain Management with Grafeas and Kritis

Aysylu Greenberg discusses the goals for Grafeas and Kritis used to secure a company's software supply chain, and concludes with the details of current and future development.

# Ciência da Computação

# Mercado de trabalho



# Ciência de Computação

# Big Techs



# Ciência de Computação

# Big Techs

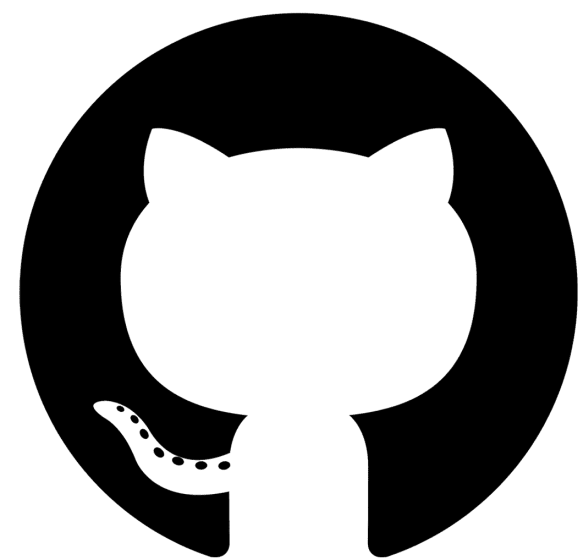


# Open Source



Open Source

# Comunidade Global



**GitHub**

Acesso ao trabalho das  
melhores  
programadores e  
programadoras



Search or jump to...

Pull requests Issues Marketplace Explore



Linus Torvalds  
torvalds

Follow

160k followers · 0 following

Linux Foundation  
Portland, OR

Achievements



Beta Send feedback

Organizations



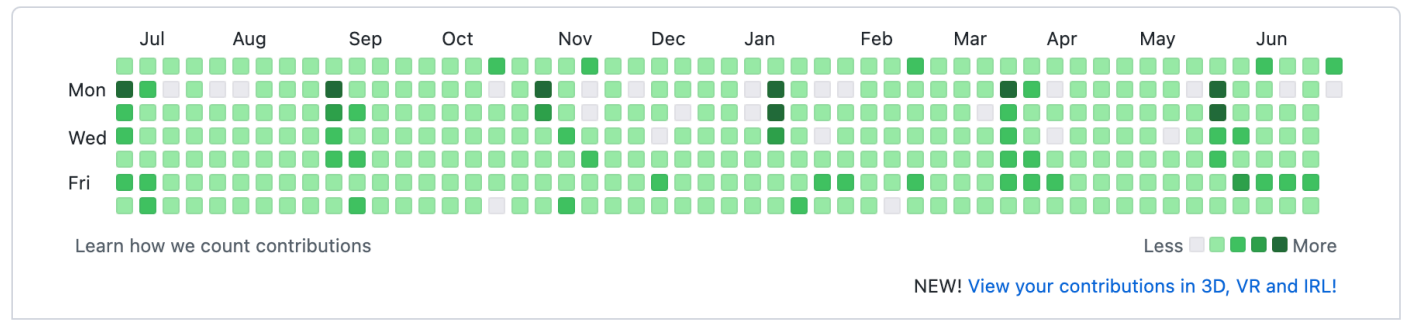
Block or Report

Overview Repositories 6 Projects Packages Stars 2

Popular repositories

- linux** (Public) - Linux kernel source tree (C, 134k stars, 43.5k forks)
- uemacs** (Public) - Random version of microemacs with my private modificatons (C, 865 stars, 187 forks)
- test-tlb** (Public) - Stupid memory latency and TLB tester (C, 470 stars, 171 forks)
- pesconvert** (Public) - Brother PES file converter (C, 227 stars, 54 forks)
- subsurface-for-dirk** (Public) - Forked from subsurface/subsurface (C++, 208 stars, 53 forks)
- libdc-for-dirk** (Public) - Forked from subsurface/libdc (C, 148 stars, 43 forks)

2,641 contributions in the last year



Contribution activity

June 2022 2021

Expand Up wing 4 changed files with 11 additions and 5 deletions.

Split Unified

Filter changed files

- fs/tracefs
  - inode.c
- kernel/trace
  - trace.c
  - trace\_kprobe.c
  - trace\_uprobe.c

553	*	553	*
554	* Only one instances directory is allowed.	554	* Only one instances directory is allowed.
555	*	555	*
556	- * The instances directory is special as it allows for mkdir and rmdir to	556	+ * The instances directory is special as it allows for mkdir and rmdir
557	* to be done by userspace. When a mkdir or rmdir is performed, the inode	557	* to be done by userspace. When a mkdir or rmdir is performed, the inode
558	* locks are released and the methods passed in (@mkdir and @rmdir) are	558	* locks are released and the methods passed in (@mkdir and @rmdir) are
559	* called without locks and with the name of the directory being created	559	* called without locks and with the name of the directory being created

kernel/trace/trace.c

```

@@ -6424,9 +6424,7 @@ int tracing_set_tracer(struct trace_array *tr, const char *buf)
6424     synchronize_rcu();
6425     free_snapshot(tr);
6426 }
6427 - #endif
6428
6429 - #ifdef CONFIG_TRACER_MAX_TRACE
6430     if (t->use_max_tr && !had_max_tr) {
6431         ret = tracing_alloc_snapshot_instance(tr);
6432         if (ret < 0)
  
```

kernel/trace/trace\_kprobe.c

```

@@ -1718,8 +1718,17 @@ static int
1718 kretprobe_dispatcher(struct kretprobe_instance *ri, struct
pt_regs *regs)
1719 {
1720     struct kretprobe *rp = get_kretprobe(ri);
1721 - struct trace_kprobe *tk = container_of(rp, struct
trace_kprobe, rp);
1722 +
1723 + /*
1724 +  * There is a small chance that get_kretprobe(ri)
returns NULL when
1725 +  * the kretprobe is unregistered on another CPU
between kretprobe's
1726 +  * trampoline_handler and this function.
1727 +  */
1728 + if (unlikely(!rp))
1729 +     return 0;
1730
  
```

Acesso ao trabalho das  
melhores comunidades



# KIE (Drools, OptaPlanner and jBPM)

Code of the Drools rule engine, OptaPlanner constraint solver and jBPM workflow engine.

<http://www.kie.org/>

Follow

- Overview
- Repositories 127
- Projects
- Packages
- Teams 13
- People 172

## Pinned

**drools** Public

Drools is a rule engine, DMN engine and complex event processing (CEP) engine for Java.

Java 4.5k 2.3k

**jbpm** Public

a Business Process Management (BPM) Suite

Java 1.4k 1.1k

**optaplanner** Public

AI constraint solver in Java to optimize the vehicle routing problem, employee rostering, task assignment, maintenance scheduling, conference scheduling and other planning problems.

Java 2.6k 855

**kogito-runtimes** Public

Kogito Runtimes - Kogito is a cloud-native business automation technology for building cloud-ready business applications.

Java 345 140

**kogito-examples** Public

Kogito examples - Kogito is a cloud-native business automation technology for building cloud-ready business applications.

Java 178 267

**optaplanner-quickstarts** Public

OptaPlanner quick starts for AI optimization: many use cases shown in many different technologies.

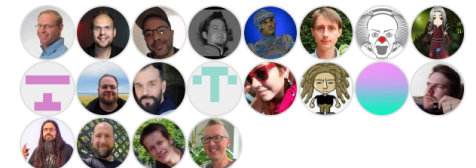
Java 194 91

View as: Public

You are viewing this page as a public user.

You can [create a README file](#) visible to anyone.

## People



[View all](#)

## Top languages

- Java
- JavaScript
- Shell
- HTML
- TypeScript

## Most used topics

Manage

- hacktoberfest
- kogito
- java
- dmn
- bpmn

## Repositories

Find a repository... Type Language Sort [New](#)

**kogito-docs** Public

Kogito Documentation Repository



[KOGITO-3884] Save SVG file using the kieserver naming convention (#333) Browse files

ederign committed yesterday Verified 1 parent c39c65e commit abc492dbd36d72fe6afb3febe095f52906306e1e

Showing 1 changed file with 1 addition and 1 deletion. Unified Split

```
packages/vscode-extension/src/generateSvg.ts
@@ -42,7 +42,7 @@ export async function generateSvg(
42     }
43
44     const parsedPath = __path.parse(editor.document.uri.fsPath);
45 - const svgFileName = `${parsedPath.name}${parsedPath.ext}.svg`;
45 + const svgFileName = `${parsedPath.name}-svg.svg`;
46     const svgAbsolutePath = __path.join(parsedPath.dir, svgFileName);
47     fs.writeFileSync(svgAbsolutePath, previewSvg);
48
```

0 comments on commit abc492d Lock conversation

**Merged** KOGITO-2693: Embeddable editors (Milestone 1) #293  
paulovmr merged 1 commit into kiegroup:master from paulovmr:KOGITO-2693-master 12 days ago

@jstasny-cz to test both DMN and BPMN standalone editors, I've published it on GitHub Pages.

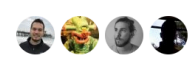
- [DMN Editor \(HTML\)](#)
- [BPMN Editor \(HTML\)](#)

Notifications Customize

Unsubscribe

You're receiving notifications because you're watching this repository.

4 participants



Lock conversation



tiagobento requested changes on Oct 23 View changes

tiagobento left a comment Member

Hi @paulovmr! Great work! Left some minor comments inline.

packages/kie-bc-editors/src/\_\_tests\_\_/GwtEditorWrapperFactory.test.ts Outdated

```
...   ...   @@ -79,6 +79,7 @@ describe("GwtEditorWrapperFactory", () => {  
79   79       };  
80   80  
81   81     const gwtEditorWrapperFactory: GwtEditorWrapperFactory = new GwtEditorWrapperFactory(  
82   +     {shouldLoadResourcesDynamically: true},
```

tiagobento on Oct 23 Member

Formatting.

paulovmr 29 days ago Author Member

Done.

Reply...

Resolve conversation

packages/kie-editors-standalone/README.md Outdated

```
1 + DMN Editor  
2 + --
```

Comment on lines 1 to 2

Acesso as melhores  
empresas



Search or jump to...

Pull requests Issues Marketplace Explore



# Red Hat

The official GitHub account for Red Hat.

<https://redhatofficial.github.io> [@RedHat](#)

Follow

- Overview
- Repositories 72
- Projects
- Packages
- People 6

## Popular repositories

<p><b>Overpass</b> <span>Public</span></p> <p>Overpass open source web font family — Sponsored by Red Hat</p> <p>● Makefile ☆ 1.8k 🍴 92</p>	<p><b>RedHatOfficial.github.io</b> <span>Public</span></p> <p>The official Red Hat project page.</p> <p>● SCSS ☆ 423 🍴 192</p>
<p><b>RedHatFont</b> <span>Public</span></p> <p>Red Hat's Open Source Fonts - Red Hat Display and Red Hat Text</p> <p>● Python ☆ 318 🍴 38</p>	<p><b>GoCourse</b> <span>Public</span></p> <p>Go language course</p> <p>● Go ☆ 255 🍴 79</p>
<p><b>ocp4-vsphere-upi-automation</b> <span>Public</span></p> <p>Automates most of the manual steps of deploying OCP4.x cluster on vSphere</p> <p>● Jinja ☆ 101 🍴 82</p>	<p><b>ansible-role-rhel7-stig</b> <span>Public</span></p> <p>DISA STIG for Red Hat Enterprise Linux 7 - Ansible role generated from ComplianceAsCode Project</p> <p>☆ 100 🍴 60</p>

## People



## Top languages

- Jinja
- Python
- Shell
- Ruby
- Java

## Most used topics

- cfme
- cloudforms
- manageiq
- redhat
- redhatconsulting

Report abuse

## Repositories

Find a repository... Type ▾ Language ▾ Sort ▾

<p><b>ansible-role-rhel8-stig</b> <span>Public</span></p> <p>DISA STIG for Red Hat Enterprise Linux 8 - Ansible role generated from ComplianceAsCode Project</p> <p>☆ 39 🍴 24 🔄 0 📄 0 Updated 4 days ago</p>	
<p><b>GoCourse</b> <span>Public</span></p> <p>Go language course</p> <p>● Go ☆ 255 🍴 79 🔄 13 📄 0 Updated 4 days ago</p>	
<p><b>Overpass</b> <span>Public</span></p> <p>Overpass open source web font family — Sponsored by Red Hat</p> <p>● Makefile ☆ 1,795 📄 OFL-1.1 🍴 92 🔄 26 📄 1 Updated 11 days ago</p>	



Search or jump to...

Pull requests Issues Marketplace Explore



# Google

Google ❤️ Open Source

https://opensource.google/ @GoogleOSS opensource@google.com Verified

Follow

Overview Repositories 2.3k Projects 6 Packages People 781

## Popular repositories

**material-design-icons** Public

Material Design icons by Google

☆ 46k 🍴 9.3k

**guava** Public

Google core libraries for Java

● Java ☆ 45k 🍴 10k

**zx** Public

A tool for writing better scripts

● JavaScript ☆ 32.5k 🍴 739

**material-design-lite** Public

Material Design Components in HTML/CSS/JS

● HTML ☆ 32.1k 🍴 5.2k

**styleguide** Public

Style guides for Google-originated open-source projects

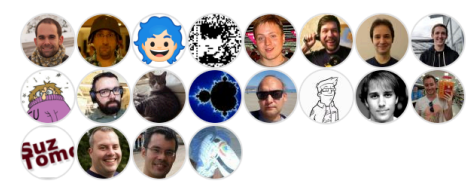
● HTML ☆ 31k 🍴 12.2k

**leveldb** Public

LevelDB is a fast key-value storage library written at Google that provides an ordered mapping from string keys to string values.

● C++ ☆ 29.6k 🍴 6.6k

## People



View all

## Top languages

- Python
- C++
- Go
- Java
- JavaScript

## Most used topics

- android
- python
- security
- java
- golang

## Repositories

Find a repository... Type Language Sort

**s2a-go** Public

Go ☆ 6 Apache-2.0 🍴 3 🔄 0 👤 10 Updated 23 seconds ago

Developer Program Member

Report abuse



Search or jump to...

Pull requests Issues Marketplace Explore



# Meta

We are working to build community through open source technology. NB: members must have two-factor auth.

Menlo Park, California <https://opensource.fb.com> @MetaOpenSource Verified

Follow

Overview Repositories 116 Projects 1 Packages People 111

## Pinned

**react** Public

A declarative, efficient, and flexible JavaScript library for building user interfaces.

JavaScript ☆ 190k 🍴 39.2k

**react-native** Public

A framework for building native applications using React

JavaScript ☆ 103k 🍴 22.2k

**docusaurus** Public

Easy to maintain open source documentation websites.

TypeScript ☆ 34.4k 🍴 5.1k

**hvm** Public

A virtual machine for executing programs written in Hack.

C++ ☆ 17.3k 🍴 3k

**zstd** Public

Zstandard - Fast real-time compression algorithm

C ☆ 17.1k 🍴 1.7k

**lexical** Public

Lexical is an extensible text editor framework that provides excellent reliability, accessibility and performance.

TypeScript ☆ 10.4k 🍴 357


## Repositories

Find a repository...

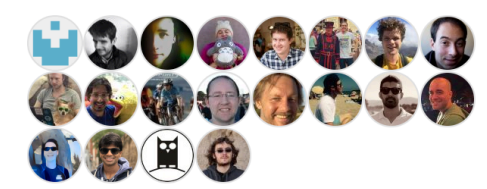
Type Language Sort

**rocksdb** Public

A library that provides an embeddable, persistent key-value store for fast storage.



## People



View all

## Top languages

C++ JavaScript Python C Java

## Most used topics

javascript react facebook python cpp

Developer Program Member

Report abuse

# Open Source

Google: "{empresa} + open source"

# Open Source

Porta de entrada para as Big Techs



Você pode  
começar hoje

Procure algo que  
você use ou queira  
aprender

# SUPERSONIC/ SUBATOMIC/ JAVA

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

Now Available

## QUARKUS 2.10.0

[Read the release notes](#)

GET STARTED WITH QUARKUS

READ THE GUIDES

Busque a comunidade  
deste projeto  
(Mail lists, Slack, Discord, etc.)

SUPPORT

BLOG

DISCUSSION

PODCAST

EVENTS

NEWSLETTER

PUBLICATIONS

AWARDS

Leia a documentação



ABOUT ▾

LEARN ▾

COMMUNITY ▾

START CODING

🌐 ▾

# Guides - Latest

Select Guides Version

2.10 - Latest ▾

## View Category

[Getting Started](#) | [Core](#) | [Web](#) | [Data](#) | [Messaging](#) | [Security](#) | [Business Automation](#) | [Integration](#) | [Command Line Applications](#) | [Cloud](#) | [Observability](#) | [Serialization](#) | [Tooling](#) | [Compatibility](#) | [Miscellaneous](#) | [Alternative Languages](#) | [Writing Extensions](#) | [Architecture](#)

## Quarkus Cheat Sheet

[Download full cheatsheet as PDF](#)[Get more cheatsheets on the Red Hat Developers website](#) 

## Getting Started

### Be Guided Through First Application

Discover how to create your first Quarkus application.

### Getting Started with Reactive

Learn more about developing reactive applications with Quarkus.

### Building Native Executables

Build native executables with GraalVM or Mandrel.

### Using our Tooling

Explore the Quarkus developer toolchain which makes Quarkus development so fast and enjoyable.

Faça perguntas e ajude  
novos usuários  
(Mail lists, Slack, Discord, etc.)



Main menu  
New conversation

- My groups
- Recent groups
- Favorite groups

Starred conversations

Quarkus Development mailing list

- Conversations 99+
- About
- My membership settings

☆ Quarkus Development mailing list

1-30 of 2647

	mcros...@g... , jma...@red... 2	PanacheRepository not recognized on 2.9.2 – For the first case, PanacheRepository is an interface s...	9:47 AM	☆	
	Yoann R... , ... Alexey Lou... 12	Avoiding duplication of dev/test configuration – On Mon, Jun 27, 2022 at 2:40 PM David Lloyd <davi...	9:21 AM	☆	
	Selvaraj c... , ... Alexey Lo... 27	Failed to build quarkus application: – Have you had a chance to run the jar creation tests I linked earl...	Jun 23	☆	
	guillau...@gmail.com	[RELEASE] Quarkus 2.10.0.Final – Hello, Quarkus 2.10.0.Final has been released, and is now availabl...	Jun 22	☆	
	guillau...@..., ... prob...@r... 10	Quarkus 2.10.0.CR1 released – On Tue, Jun 14, 2022 at 3:44 PM Guillaume Smet <guillaume.smet@...	Jun 14	☆	
	dipakgir...@..., clement..... 2	Quarkus - Apache Hive – No, I don't believe we have support for Apache Hive. However, you should b...	Jun 12	☆	
	marc....@... , ... mand...@r... 6	No Quarkus CLI packages for release 2.7.6.Final ? – Its the goal at least :) Thanks Guillaume for the ...	Jun 10	☆	
	dhof...@g... , guillau...@g... 9	Getting NPE building Quarkus app – Ah, the package name changed...I found it now. Thank you, -Dav...	Jun 9	☆	
	guillau...@gmail.com	2.10 has been branched – Hi, I just branched 2.10. The main branch is now 2.11. Please make sure y...	Jun 9	☆	
	clement....@gmail.com	Re: [quarkus-dev] Quarkus - Hive Integration – Do you mean HiveMQ? In that case, it uses MQTT so f...	Jun 9	☆	
	mfu...@red... , Alexey Lou... 2	Weird behaviour with quarkus.bootstrap.effective-model-builder – The option is enabling workspace...	Jun 8	☆	
	aper...@red... , ... san...@ya... 5	Fully static native executables – Following up, the new documentation about how to build fully static...	Jun 8	☆	
	adam...@re..., ... eber...@re... 9	A Quarkus extension to create Modern UI (React, Angular, Vue, Lit, ...) – I think the sequence diagra...	Jun 8	☆	
	dipakgir...@g... , san...@ya... 2	Quarkus Reactive Sql Client – Hi, something like this: import io.vertx.mutiny.sqlclient.Pool; import io...	Jun 6	☆	
	fza...@redhat.com	Refactoring the way we register classes for reflection, JNI, etc. – Hi all, I have created a new issue f...	Jun 6	☆	
	loik...@gmail.com	Quarkus Pinot extension – Hi, I created a small experimental extension for Apache Pinot: https://gith...	Jun 3	☆	

Contribua

Promova a tecnologia  
Blogs, videos, tutoriais

Transição de  
Usuário -> Expert

Aprende os 'internals'?

# Primeira contribuição em código

Transição de  
Expert -> Committer

E o que eu ganho  
com isto ?



Aprender inglês  
(Foi o meu caso)

Desenvolver a escrita

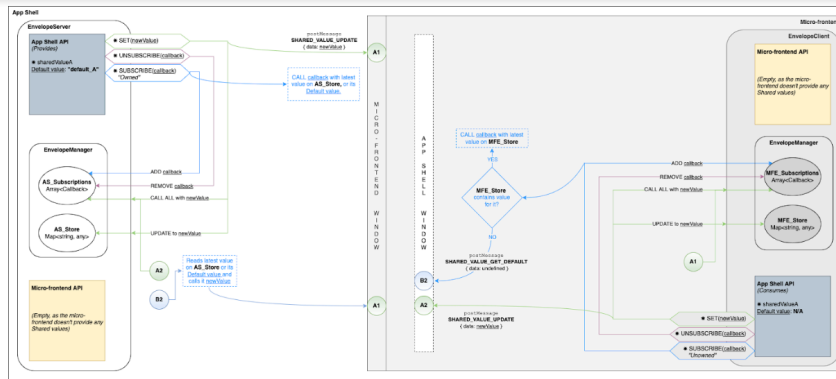
Aprender a explorar  
bases de código  
complexas

Aprender a contribuir em  
bases de código  
complexas

Trabalhar de forma  
assíncrona com  
diferentes culturas

Aprender a receber e dar  
feedback

# Aprender a escrever Design Docs

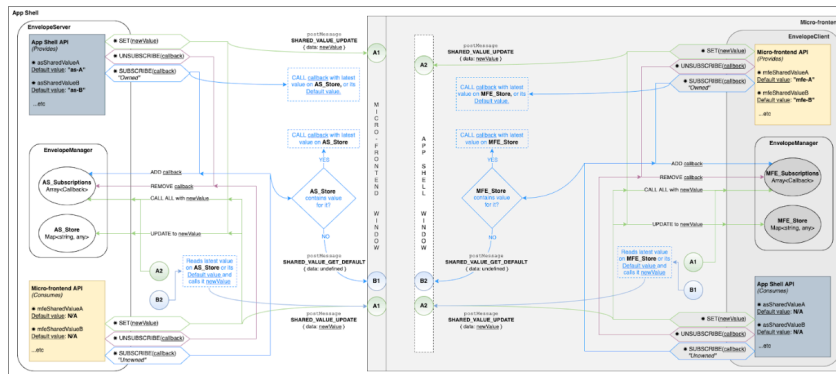


**Image 1 - Simplified diagram where the App Shell provides a single Shared value and the micro-frontend simply consumes it.**

The complete flow of Shared values can be found on the next image. Notice the symmetry. This is a visual clue for the way that both App Shells and micro-frontends deal with Shared values.

The whole point of this invention is to provide a mechanism that will always keep values in sync, independent if they're owned by App Shells or micro-frontends, so it's natural that they both share the same behavior and structures, as they must be equally capable to both Provide and Consume Shared values to/from their counterparts.

As with the simplified image above, a good way to start reading is looking at the flat hexagons containing the names of the methods (SET, SUBSCRIBE, and UNSUBSCRIBE).



**Image 2 - Complete diagram where both App Shell and micro-frontend Provide and**



Melhorar como  
programador/  
programadora

E o principal?

Prova 'real' da sua  
experiência

Aumentar sua  
visibilidade

Palestras em eventos

# Presentations

< NEWER

OLDER >



CULTURE & METHODS

## Developing a Digital Product: What It Is and How

Roberto Mameli discusses the implications and what it takes to build a successful digital product in the digital economy and how to leverage the network effect.

ROBERTO MAMELI ON OCT 31, 2019

 LIKE



CULTURE & METHODS

## How to Find Purpose in Work

Katharina Probst discusses autonomy, mastery, and purpose which motivate people, diving deeper into purpose.

KATHARINA PROBST ON OCT 23, 2019

 LIKE



AI, ML & DATA ENGINEERING

## Big Data's Ethical Drought: The Thirst for More Data Has Led to a Lapse in Ethics and Privacy

Katharine Jarmul provides examples of data (mis)use and asking how we can work with data without violating the trust and privacy of users, producing an ethical product?

KATHARINE JARMUL ON OCT 17, 2019

 LIKE



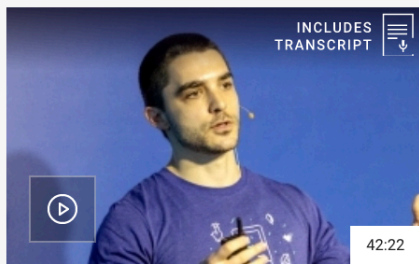
ARCHITECTURE & DESIGN

## Bayesian Optimization of Gaussian Processes with Applications to Performance Tuning

Ramki Ramakrishna discusses using Bayesian optimization of Gaussian processes to optimize the performance of a microservices architecture.

RAMKI RAMAKRISHNA ON OCT 11, 2019

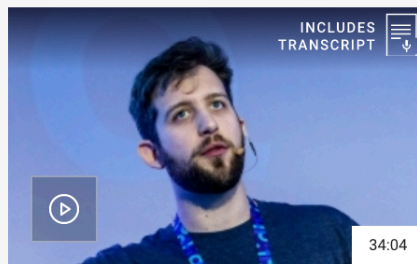
 LIKE



CULTURE & METHODS

## Highlighting Silicon Valley Strategies for Improving Engineering Velocity, Efficiency, and Quality

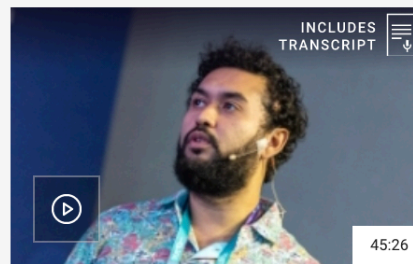
David Mercurio shares personal insights and experiences about cultural practices that one can apply to help improve the effectiveness of an engineering organization.



DEVELOPMENT

## Your Program as a Transpiler: Applying Compiler Design to Everyday Programming

Edoardo Vacchi discusses opportunities to apply programming language development techniques learned working with Drools and jBPM to a broader context.



AI, ML & DATA ENGINEERING

## A Look at the Methods to Detect and Try to Remove Bias in Machine Learning Models

Thierry Silbermann explores some examples where machine learning fails and/or is making a negative impact, looking at some of the tools available today to fix the model.



ARCHITECTURE & DESIGN

## Software Supply Chain Management with Grafeas and Kritis

Aysylu Greenberg discusses the goals for Grafeas and Kritis used to secure a company's software supply chain, and concludes with the details of current and future development.



# Red Hat

The official GitHub account for Red Hat.

<https://redhatofficial.github.io> @RedHat

Follow



# Google

Google Open Source

<https://opensource.google/> @GoogleOSS opensource@google.com Verified

Follow

Popular repositories

- material-design**  
Material Design icons  
46k stars
- zx**  
A tool for writing JavaScript
- styleguide**  
Style guides for HTML



# Meta

We are working to build community through open source technology. NB: members must have two-factor auth.

Menlo Park, California <https://opensource.fb.com> @MetaOpenSource Verified

Follow

Overview Repositories 116 Projects 1 Packages People 111

### Pinned

**react** (Public)  
A declarative, efficient, and flexible JavaScript library for building user interfaces.  
190k stars

**docuaurus** (Public)  
Easy to maintain open source documentation.  
34.4k stars

**zstd** (Public)  
Zstandard - Fast real-time compressor.  
17.1k stars

**rocksdb** (Public)  
A library that provides an embedded key-value database.  
92 stars



# Amazon

<https://developer.amazon.com/>

Overview Repositories 149 Projects Packages People 39

### Pinned

**ion-java** (Public)  
Java streaming parser/serializer for Ion.  
839 stars

**computer-vision-basics-in-microsoft-excel** (Public)  
Computer Vision Basics in Microsoft Excel (using just formulas)  
2.3k stars

**milan** (Public)  
Milan is a Scala API and runtime infrastructure for building data-oriented systems, built on top of Apache Flink.  
36 stars

**style-dictionary** (Public)  
A build system for creating cross-platform styles.  
2.5k stars

**sketch-constructor** (Public)  
Read/write/manipulate Sketch files in Node without Sketch plugins!  
512 stars

**smoke-framework** (Public)  
A light-weight server-side service framework written in the Swift programming language.  
1.3k stars

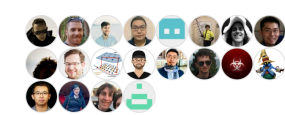
### Repositories

Find a repository... Type Language Sort

**ion-java-benchmark-cli** (Public)  
7 stars Apache-2.0 7 forks 11 watchers Updated 6 minutes ago

**selling-partner-api-models** (Public)

### People



View all

### Top languages

Python Java PHP JavaScript Swift

### Most used topics

aws ion security-tools zeek zeek-package

Report abuse

### Repo

Find

### ansibl

DISA S

39 stars

### GoCourse

Go language course

255 stars 79 forks

### Overpass

Overpass open source web font family — Sponsored by Red Hat

1,795 stars OFL-1.1 92 forks 26 watchers 1 pull request

Big techs querem  
contratar?

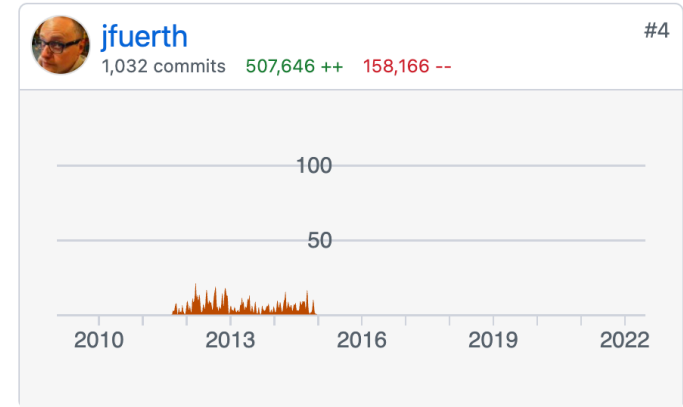
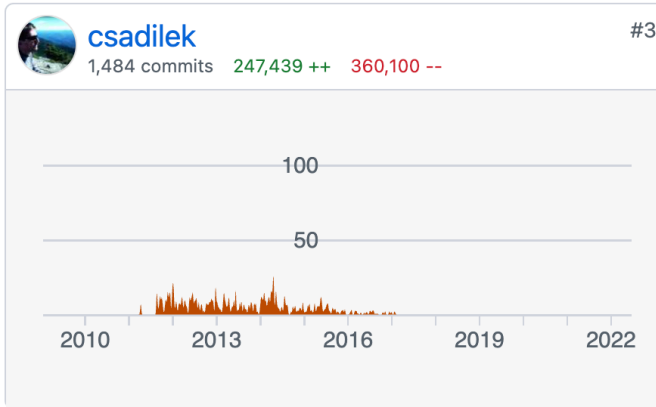
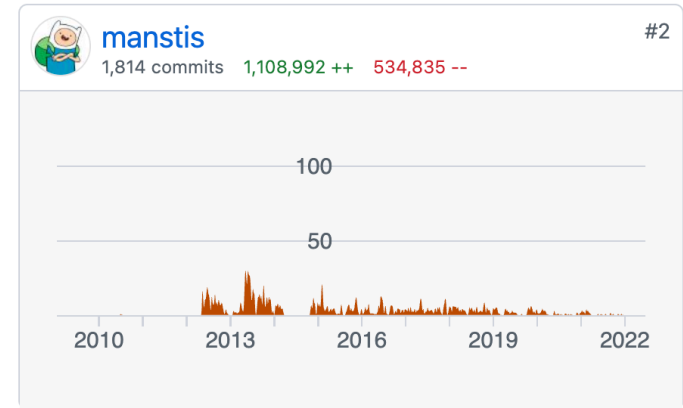
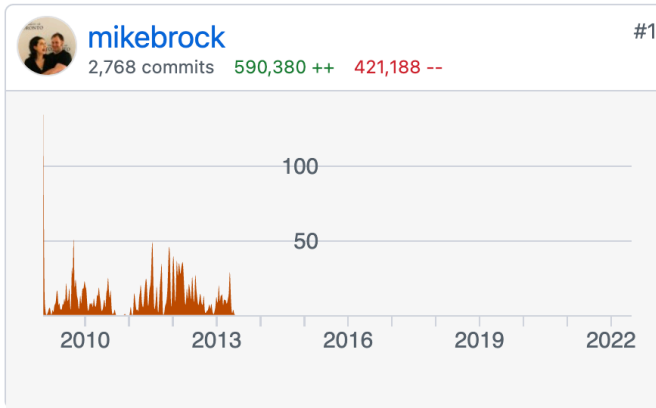
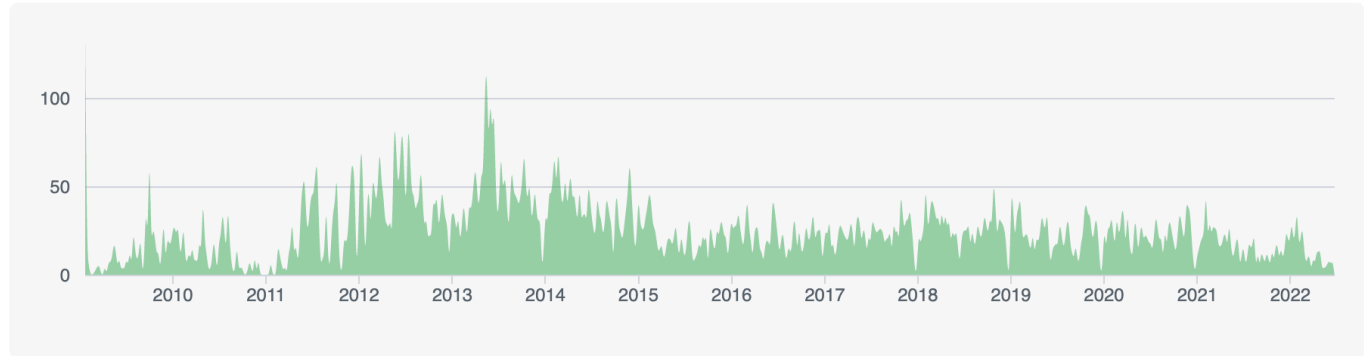


- Pulse
- Contributors
- Community
- Community Standards
- Traffic
- Commits
- Code frequency
- Dependency graph
- Network
- Forks

### Jan 25, 2009 – Jun 27, 2022

Contributions: Commits

Contributions to main, excluding merge commits and bot accounts



Main menu  
New conversation

- My groups
- Recent groups
- Favorite groups

Starred conversations

Quarkus Development mailing list

- Conversations 99+
- About
- My membership settings

☆ Quarkus Development mailing list

1-30 of 2647

Avatar	Participants	Subject	Date	Star
	mcros...@g... , jma...@red... 2	PanacheRepository not recognized on 2.9.2 – For the first case, PanacheRepository is an interface s...	9:47 AM	☆
	Yoann R... , ... Alexey Lou... 12	Avoiding duplication of dev/test configuration – On Mon, Jun 27, 2022 at 2:40 PM David Lloyd <davi...	9:21 AM	☆
	Selvaraj c... , ... Alexey Lo... 27	Failed to build quarkus application: – Have you had a chance to run the jar creation tests I linked earl...	Jun 23	☆
	guillau...@gmail.com	[RELEASE] Quarkus 2.10.0.Final – Hello, Quarkus 2.10.0.Final has been released, and is now availabl...	Jun 22	☆
	guillau...@..., ... prob...@r... 10	Quarkus 2.10.0.CR1 released – On Tue, Jun 14, 2022 at 3:44 PM Guillaume Smet <guillaume.smet@...	Jun 14	☆
	dipakgir...@..., clement..... 2	Quarkus - Apache Hive – No, I don't believe we have support for Apache Hive. However, you should b...	Jun 12	☆
	marc....@... , ... mand...@r... 6	No Quarkus CLI packages for release 2.7.6.Final ? – Its the goal at least :) Thanks Guillaume for the ...	Jun 10	☆
	dhof...@g... , guillau...@g... 9	Getting NPE building Quarkus app – Ah, the package name changed...I found it now. Thank you, -Dav...	Jun 9	☆
	guillau...@gmail.com	2.10 has been branched – Hi, I just branched 2.10. The main branch is now 2.11. Please make sure y...	Jun 9	☆
	clement....@gmail.com	Re: [quarkus-dev] Quarkus - Hive Integration – Do you mean HiveMQ? In that case, it uses MQTT so f...	Jun 9	☆
	mfu...@red... , Alexey Lou... 2	Weird behaviour with quarkus.bootstrap.effective-model-builder – The option is enabling workspace...	Jun 8	☆
	aper...@red... , ... san...@ya... 5	Fully static native executables – Following up, the new documentation about how to build fully static...	Jun 8	☆
	adam...@re..., ... eber...@re... 9	A Quarkus extension to create Modern UI (React, Angular, Vue, Lit, ...) – I think the sequence diagra...	Jun 8	☆
	dipakgir...@g... , san...@ya... 2	Quarkus Reactive Sql Client – Hi, something like this: import io.vertx.mutiny.sqlclient.Pool; import io...	Jun 6	☆
	fza...@redhat.com	Refactoring the way we register classes for reflection, JNI, etc. – Hi all, I have created a new issue f...	Jun 6	☆
	loik...@gmail.com	Quarkus Pinot extension – Hi, I created a small experimental extension for Apache Pinot: https://gith...	Jun 3	☆

Open Source

O melhor laboratório  
para você aprimorar  
suas habilidades como  
programadora

Uma das melhores  
portas de entrada  
para  
as Big Techs

Muito obrigado!

@ederign