ORACLE

GraalVM Community

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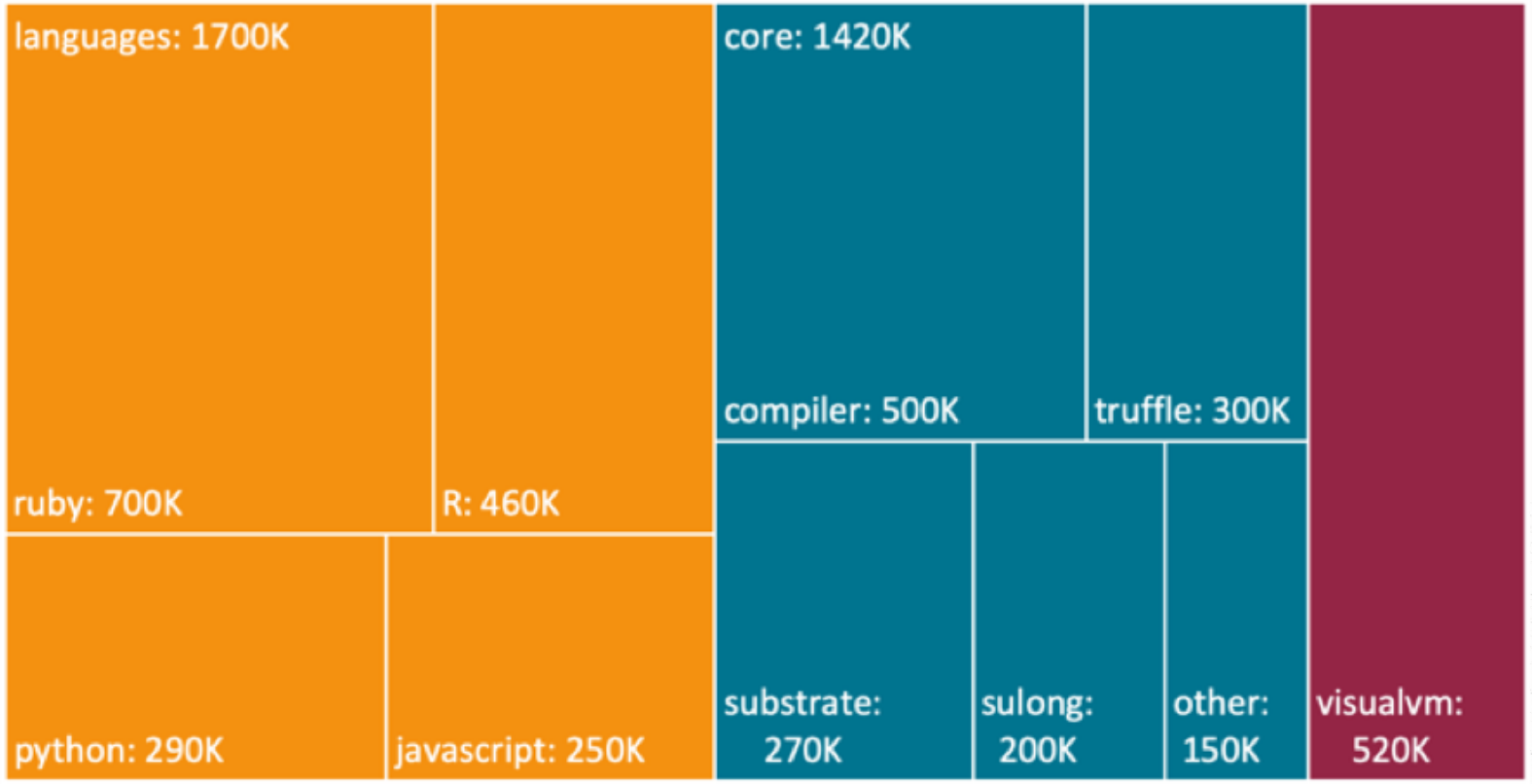
GraalVM Open Source

Open Source LOC actively maintained by GraalVM team



Total: 3,640,000 lines of code

Main Repository URLs

- https://github.com/oracle/graal – **Core components**
  - Compiler, Native Image, Truffle, Sulong
- https://github.com/oracle/truffleruby – **Ruby implementation**
- https://github.com/oracle/fastr – **R implementation**
- https://github.com/graalvm/graaljs – **JavaScript implementation**
- https://github.com/graalvm/graalpython – **Python implementation**
- https://github.com/oracle/visualvm – **VisualVM monitoring & profiling**

Repository Statistics

- Main repo ~11k stars, total ~16k stars
- ~250 contributors
- ~2k community issues reported, ~1.3k community issues closed
- ~600 external pull requests, ~500 integrated

Early Advocates

Graal & Truffle

An obscure research project could radically accelerate innovation in programming language design

Mike Hearn Following

Jul 12, 2016 · 13 min read

Attribution

Micronaut Framework

https://micronaut.io

GraalVM™

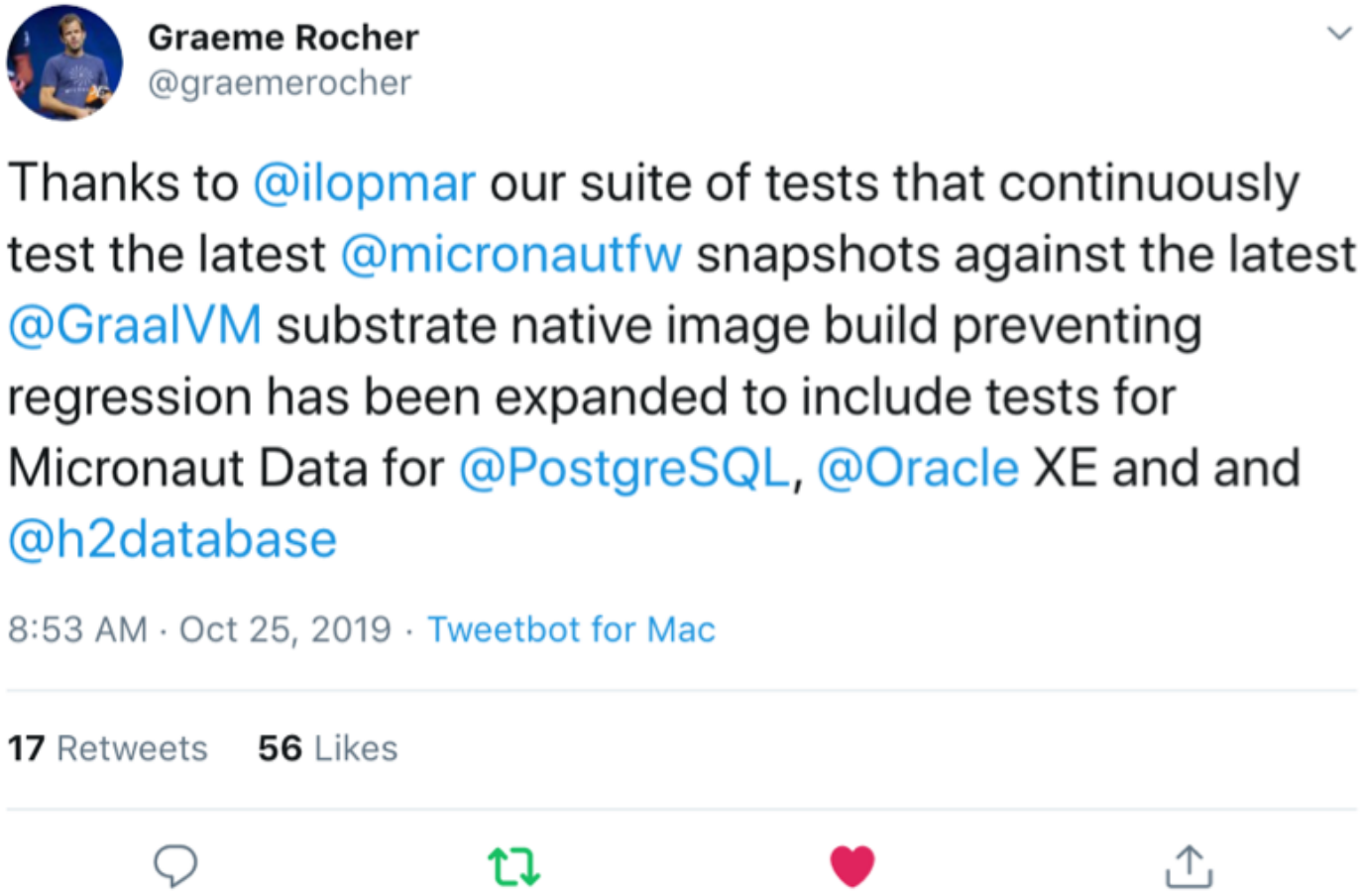
GraalVM is a new universal virtual machine from Oracle that supports a polyglot runtime environment and the ability to compile Java applications down to native machine code.

MICRONAUT FOR GRAALVM

Micronaut apps startup in tens of milliseconds with GraalVM!

Micronaut features a Dependency Injection and Aspect-Oriented Programming runtime that uses no reflection. This makes it easier for Micronaut applications to run on GraalVM.

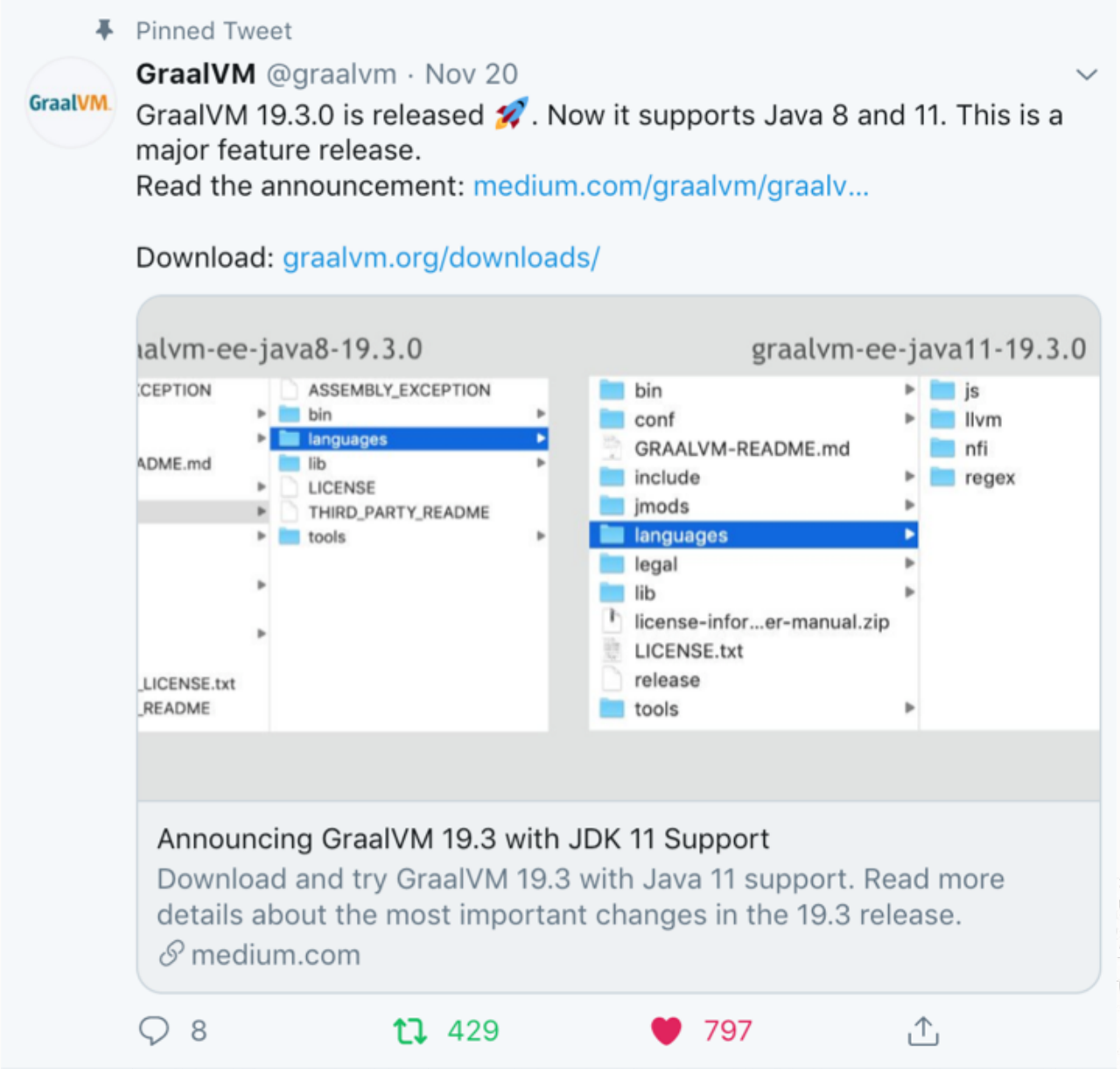
Integrated CI/CD Pipeline



Public Interaction on PRs, issues, other discussions

- **Keep interactions polite and respectful**
  - The team gets many requests and interactions; just because something isn't addressed immediately doesn't mean there is any bad faith involved
  - Escalate urgent matters via private DM / mail to me
- **Keep discussions on technical matters technical**
  - Don't: "you are only changing this code, because it was contributed by company X"
  - Don't: "there must be some sinister hidden business reason why you are doing X"
- **Prioritize joint technical work over publicity**
  - PRs and issues get addressed based on technical merit, not their popularity on hackernews
- **Coordinate larger changes early with the maintainers**
  - There might be cross-cutting concerns with other existing or future planned features

- **Almost 10k followers after 18 months**
- **Please use “@graalvm” mention when tweeting content**
  - Highly increases chance of retweet
  - Let us know if you want to highlight content on the main handle



Other community channels

- **Reach the core team**
  - Slack channel: https://www.graalvm.org/slack-invitation/
- **Developer relation matters**
  - Oleg Shelajev (@shelajev), Alina Yurenko (@alina_yurenko)
- **Mailing lists**
  - graalvm-announce@oss.oracle.com, graalvm-users@oss.oracle.com
- **Medium blog**
  - https://medium.com/graalvm
  - We are interested in guest blogs / general coordination on blog posts
- **Other platforms**
  - Linkedin, Facebook, Instagram, Reddit

Community Polls

GraalVM @graalvm · Oct 22

Which of these GraalVM supported languages interests you the most? If your answer is missing, comment it below ➡️

JavaScript	39%
Ruby	12%
Python	**43%**
R	6%

1,009 votes · Final results

Multiplicative Value-Add of GraalVM Ecosystem

Languages	*	GraalVM	*	Embeddings
Java JavaScript Ruby R Python C/C++, FORTRAN, …	❯	Optimizations Tooling Interoperability Security	❮	HotSpot JVM Oracle RDBMS Node.js Standalone Spark …

Add your own language or embedding or language-agnostic tools!

Thank you

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