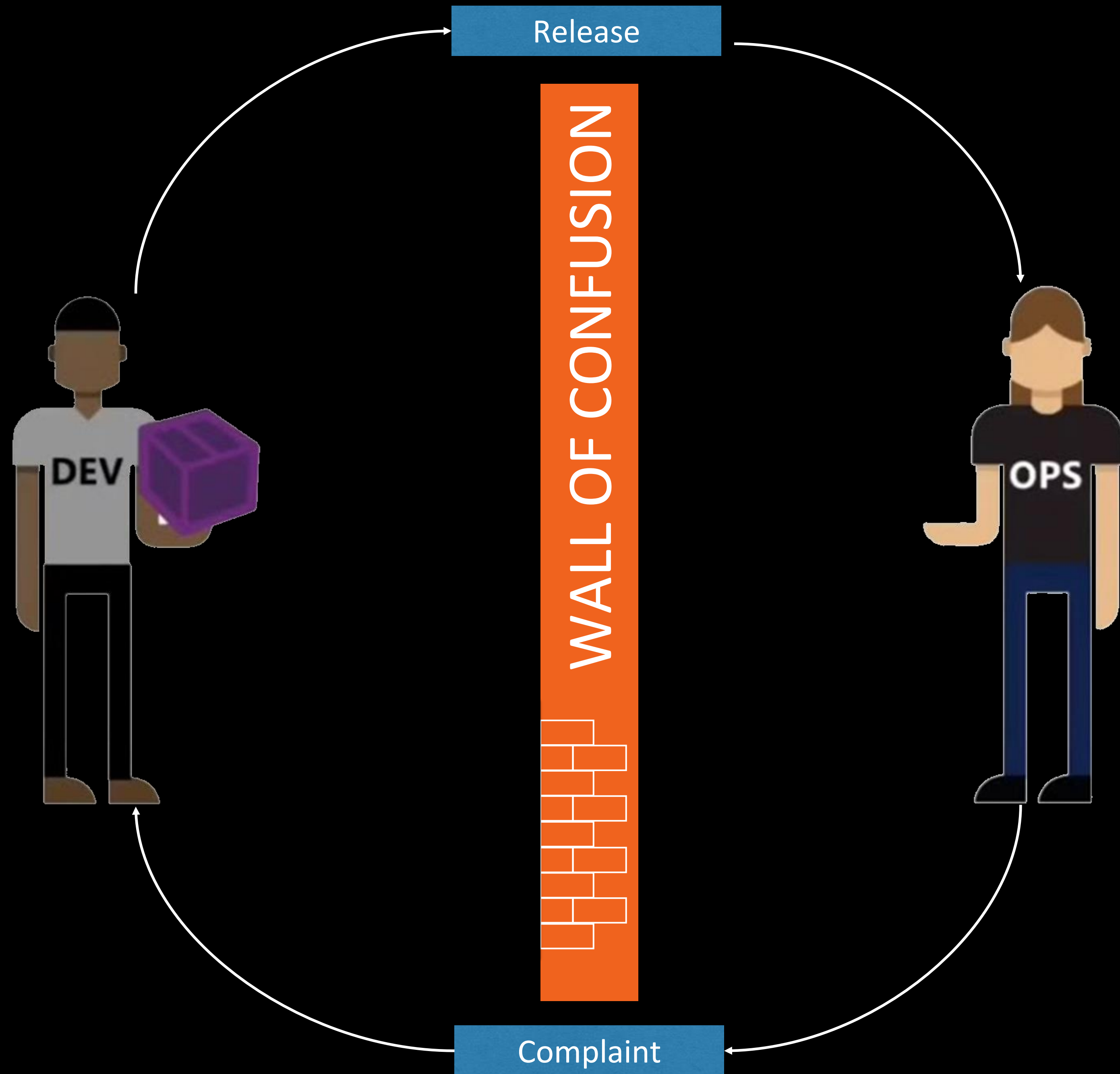
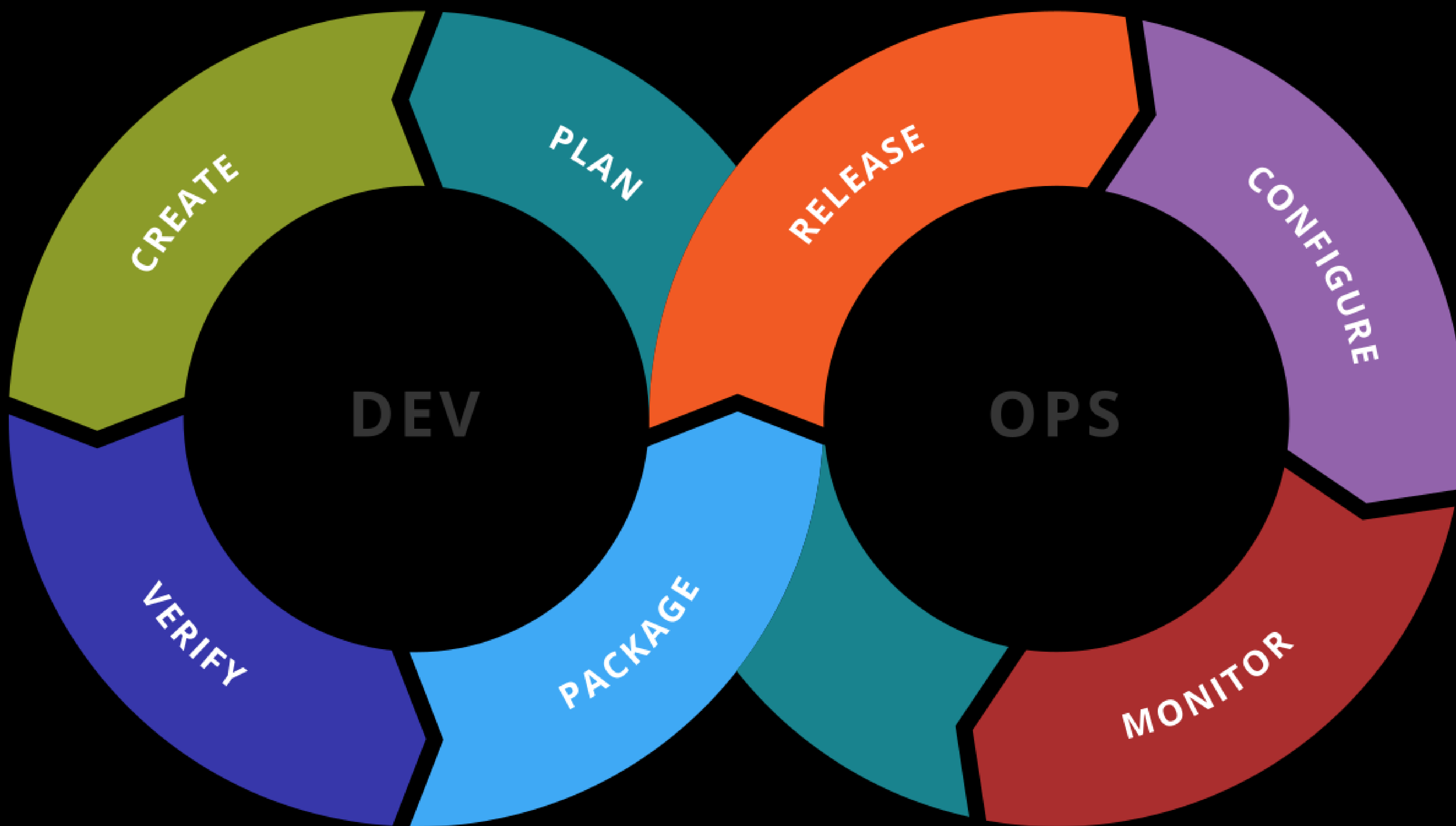


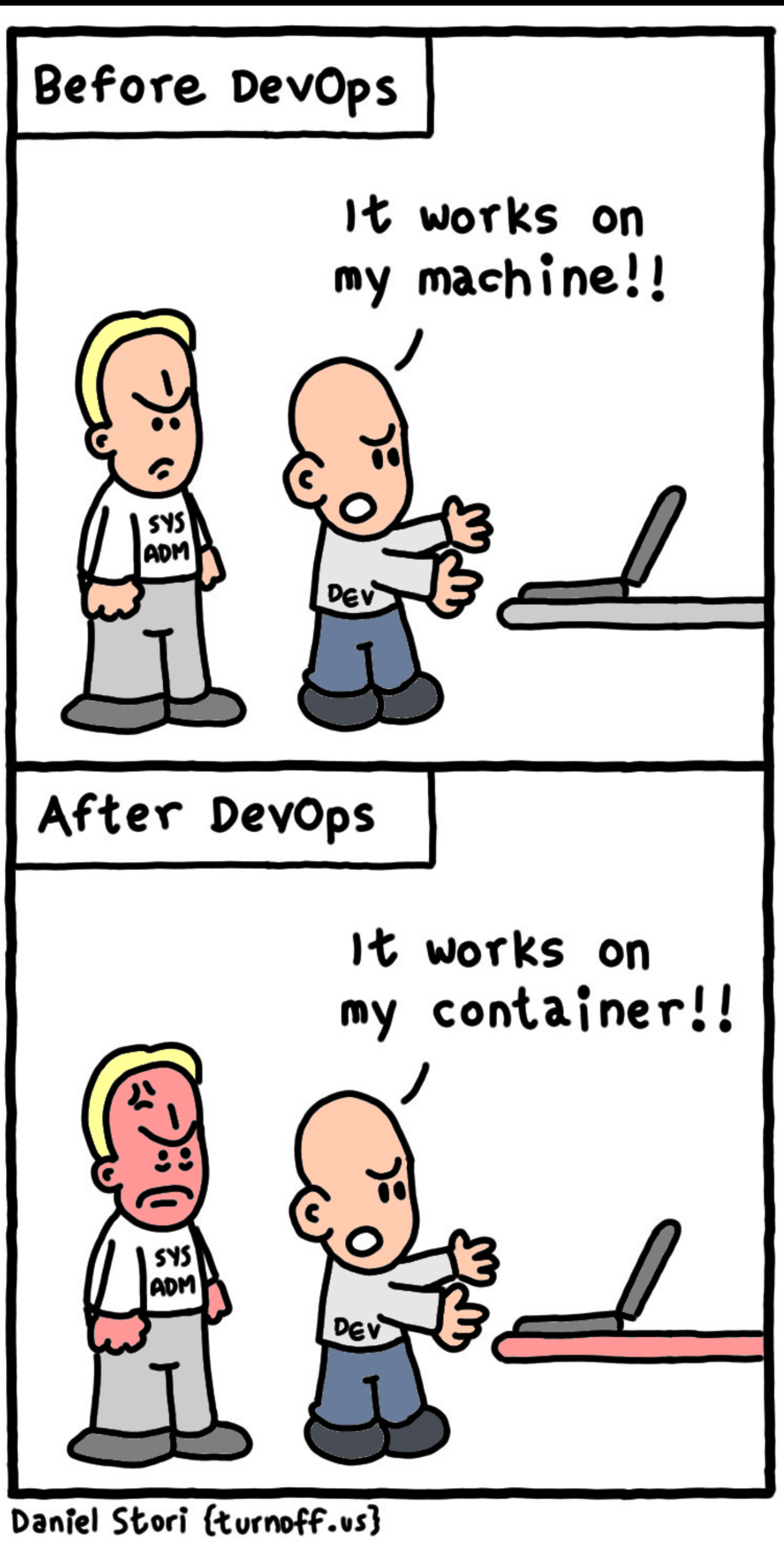
GitHub — 101

Codespaces







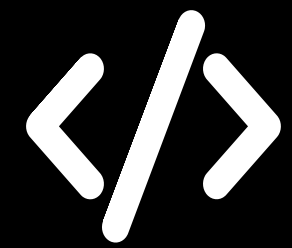


“We lost a whole day getting a QA engineer running on that project.”

“It works on my laptop. Why doesn't it work on yours?”

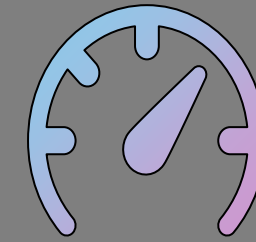
“Can I have a 16 core machine?”

“I have no idea what I've installed over the years?”



Developer productivity challenges

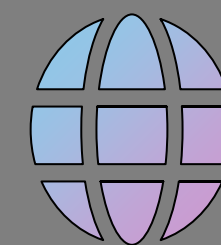
Reliance on physical PCs



Slow setup and onboarding times



Conflicting project configurations



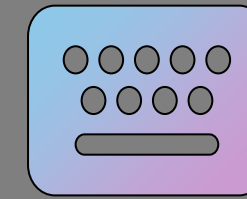
Development hardware constraints





Admin Challenges

Hybrid Work



Differing hardware needs



Global teams



Emerging security threats





Mo



At @Airbnb, engineers wrote code on local machines and had it synced to the cloud where we ran our services. It was built in-house. Does something like this exist for smaller teams?



Facebook for Developers Blog

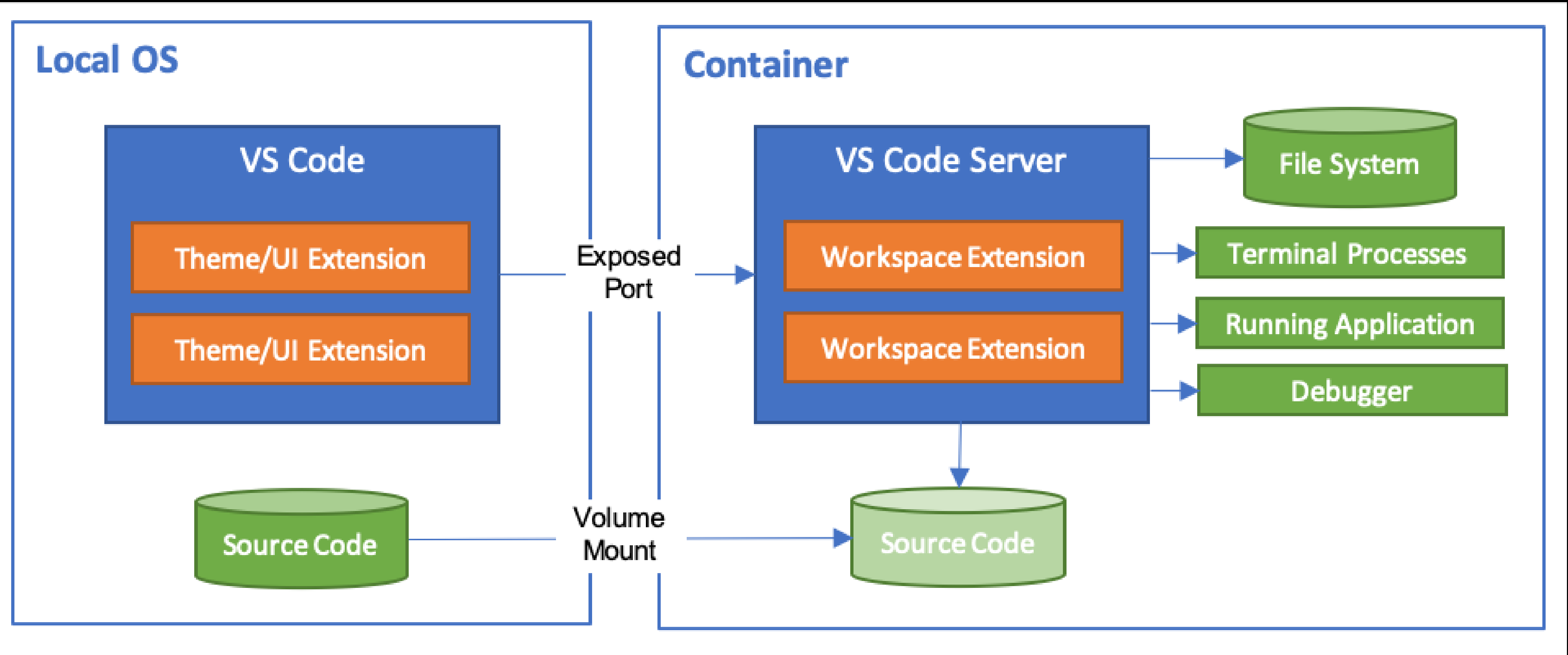
[Most engineering] is done on individually reserved development servers that live within our data centers. Being able to access code on these servers in a seamless, performant way is critical for productivity.



Jean-Michel Lemieux 

We're going all-in with cloud based dev environments. So much faster, less local setup conflicts, and @code tooling is great.

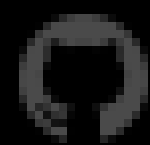




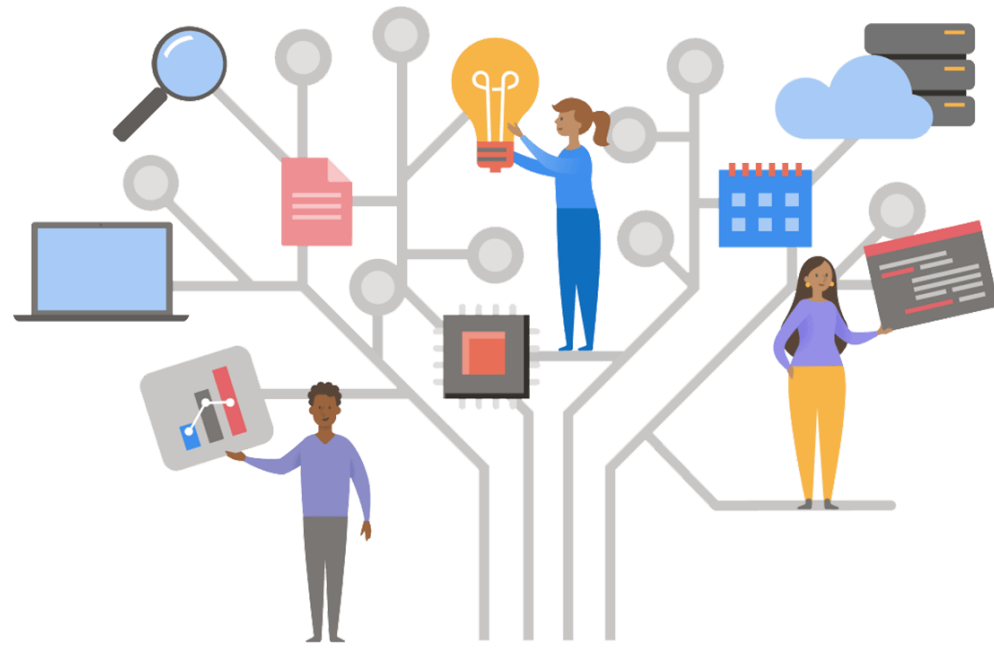
Container in the cloud



Container on a local machine



What are GitHub Codespaces?



Managed environments
for any project

Fully-managed,
on-demand dev
environments that
dramatically reduce
setup and maintenance



Feel at home
even when away

Environment can be
configured, and your
settings, themes, and Git
identity, are roamed so
the experience looks and
feels like local



Develop from
anywhere

Connect from anywhere:
Visual Studio, Visual
Studio Code, browser-
based companion editor



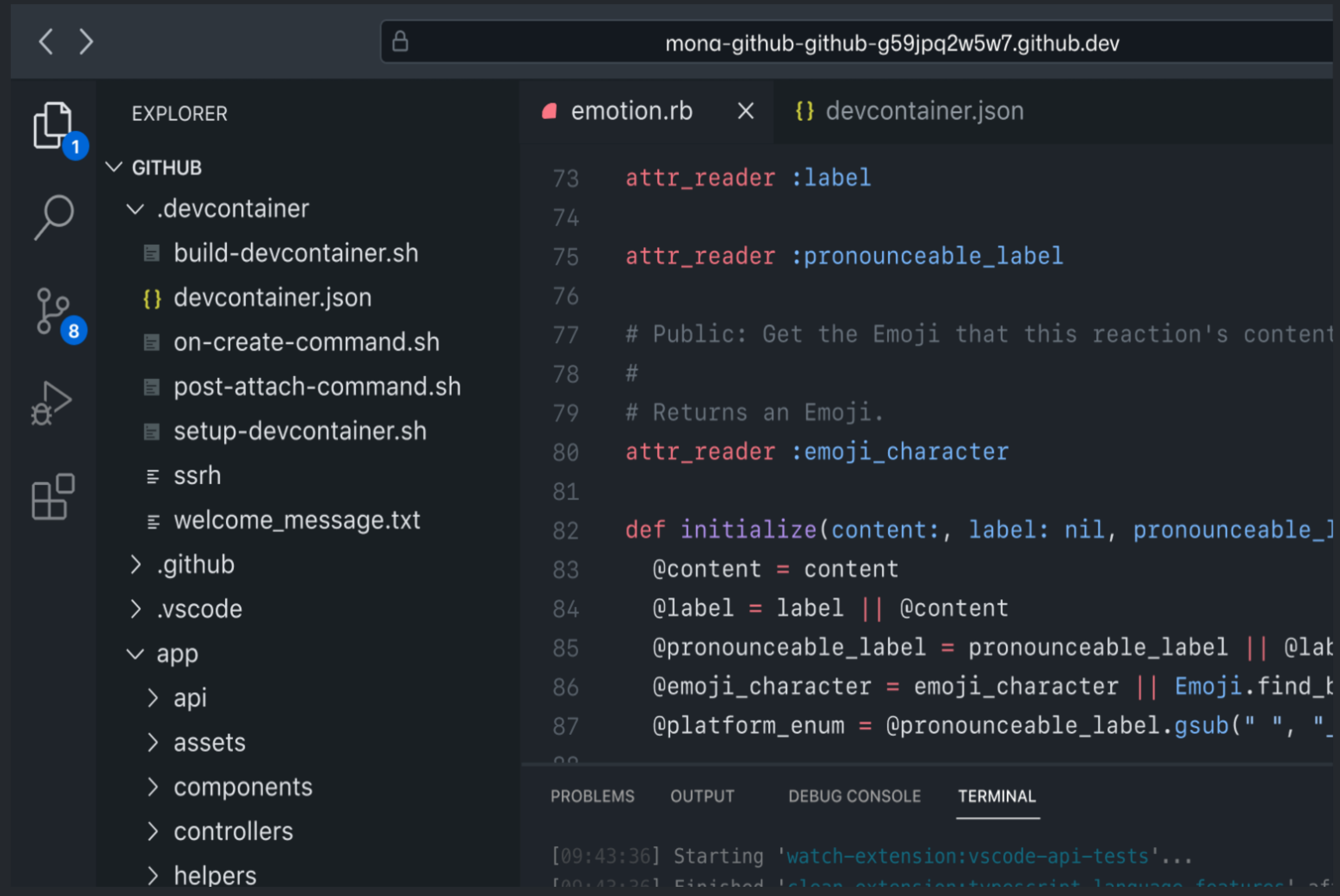
Supercharged
collaborative development

Fully collaborative
environment, complete
with
AI-assisted development
support



GitHub Codespaces

Full compute
backing, up to
32 cores and
64 GB RAM



Why use GitHub Codespaces?

- Fast to create and disposable. Create what you need and then dispose of them when you are finished.
- Managed environments which reduce the overall maintenance for you.
- Predictable pricing and you only pay for what you use with built-in auto-suspend.
- Save compute resources. When you move your development workload to the cloud, it frees the limited resources on your personal machine.

