

artilleryio / **artillery** Public

Cloud-native performance & reliability testing for developers and SREs

artillery.io

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hassey 2.0.0-2

14 days ago 1,671

View code

README.md



keep **production** fast & reliable,
customers happy,
and pagers silent

Artillery is a **load testing** and **smoke testing** tool for developers, testers, and SREs.

Use Artillery to ship scalable APIs & services that stay fast & reliable under high load.

Artillery has a strong focus on developer happiness & ease of use, and a batteries-included philosophy.

Got a question? Want to share how you use Artillery? [→](#) Artillery Discussion Board

Or come chat on Discord - <https://discord.com/invite/QthdcAAPRK>

Use Cases

- Prepare for traffic surges - run load tests to help prepare your API or service for upcoming peak traffic
- Run load tests in CI/CD to catch and prevent performance regressions before they cause issues for users
- Profile and debug performance issues such as memory leaks, high tail latency caused by GC pauses or high CPU usage, or misconfigured resource pools
- Run smoke tests continuously against production to catch issues (also known as production scripted testing or synthetic monitoring)
- Designed for modern web APIs, headless CMS and e-commerce systems, IoT backends, real-time services, and microservice architectures
- Test internal microservices and components as well as external endpoints
- Scale out and run your tests from your own AWS account with ease

Features

- **Test ANY stack:** Load test HTTP, WebSocket, Socket.io, Kinesis, HLS, and more
- **Scenarios:** Support for complex *scenarios* to test multi-step interactions in your API or web app (great for ecommerce, transactional APIs, game servers etc).
- **Load testing & smoke testing:** reuse the same scenario definitions to run performance tests or functional tests on your API or backend.
- **Performance metrics:** get detailed performance metrics (latency, requests per second, concurrency, throughput). Track custom metrics with high precision (histograms, counters and rates)
- **Scriptable:** write custom logic in JS, using any of the thousands of useful `npm` modules.
- **Integrations:** `statsd` support out of the box for real-time reporting (integrate with Datadog, Librato, InfluxDB etc).
- **Extensible:** write custom reporters, custom plugins, and custom engines, or just customize VU behavior
- **Cloud-native:** go from running a test locally to running it in your own AWS account, distributed across geographical regions in minutes with Artillery Pro
- **and more!** HTML reports, nice CLI, parameterization with CSV files.

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- **Docs:** <https://artillery.io/docs/>
 - **Q&A and discussions:** <https://github.com/artilleryio/artillery/discussions>
 - **Website:** <https://artillery.io>
 - **Twitter:** @artilleryio
 - **Source:** <https://github.com/artilleryio/artillery> - `master` build status: 
 - **Issues:** <https://github.com/artilleryio/artillery/issues>
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- **Artillery Pro:** if you want to **scale out** your tests and run them from hundreds of nodes, multiple geographic regions, and **your own AWS account** you're going to love Artillery Pro. Get going in minutes (for real), and avoid reinventing the wheel or building a DIY in-house solution for load testing. Self-hosted and self-service, with support for Fargate and ECS, and ability to plug into existing AWS security, compliance and governance controls in your organization. Drop us a line if that sounds interesting.
- For **training, custom integrations, and performance consulting services** see our professional services page.

Getting Started With Artillery





 [Artillery Getting Started Guide](#)

Using Artillery?

Add your team to the Artillery users list on the wiki.

Plant Some Trees!

We have planted over 1,900 new trees with the help of Artillery community. That's a small forest! We're aiming to grow that to a *large* forest - we're thinking 100,000 trees would be neat.

If you've enjoyed using Artillery and would like to help us out, add your tree to the Artillery.io forest. 
  Feel free to drop us a line to let us know too! 

License

Artillery is open-source software distributed under the terms of the MPLv2 license.

Releases 44

 **v1.7.9** Latest
on Sep 16

+ 43 releases

Packages

No packages published

Used by 3.2k



+ 3,204

Contributors 84



+ 73 contributors

Languages

