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artillery / README.md



hassya docs: fix logo URL ✓

History

9 contributors



62 lines (44 sloc) | 4.47 KB



Artillery is a modern, powerful & easy-to-use **load testing** and **functional testing** toolkit. Use it to ship **scalable** backends, APIs & services that stay **performant** & **resilient** 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](#)

Use Cases

- **Peak traffic testing** - ensure your API, e-commerce backend, IoT service can handle max traffic
- **Pre-launch load testing** - building a new API or service? test it before launch
- **Continuous performance testing** - run load tests in CI/CD to stop performance regressions being shipped to prod
- **Profile & debug performance issues** - run load tests to profile & fix high CPU usage, extensive GC pauses, memory leaks, and misconfigured resource pools
- **Semantic monitoring** - run realistic user scenarios against production APIs continuously and alert on wrong responses or errors

Features

- **Multiple protocols:** 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 & Functional 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).
- **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, custom protocol engines etc.
- **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** for teams: Artillery Pro is a self-hosted self-service load & functional testing solution for your team. Run large-scale distributed tests from your own AWS account with ECS or Fargate; use in CI/CD pipelines; integrate with existing AWS security & compliance controls (IAM, VPC, cost allocation).
 - 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 1,500 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

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