

# QUIC Interop Runner

IETF 106, Singapore, November 2019

marten-seemann / quic-interop-runner

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QUIC interop runner

31 commits | 5 branches | 0 packages | 0 releases | 5 contributors | View license

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Commit	Description	Time
marten-seemann	fix link to Docker Hub in README	Latest commit 7a1fcb0 3 days ago
<a href="#">.gitignore</a>	move the interop runner to this repo	last month
<a href="#">LICENSE.md</a>	add a license	19 days ago
<a href="#">README.md</a>	fix link to Docker Hub in README	3 days ago
<a href="#">docker-compose.yml</a>	add the server's IP address to the client's /etc/hosts	15 days ago
<a href="#">implementations.py</a>	Update name of quiche's Docker image	4 days ago
<a href="#">interop.py</a>	use `docker cp` instead of a mount to retrieve the pcap from the sim	19 days ago
<a href="#">pull.py</a>	move the interop runner to this repo	last month
<a href="#">run.py</a>	pass the simulator log dir to the testcase constructor	29 days ago
<a href="#">testcases.py</a>	change log level of the token in the retry test case	4 days ago
<a href="#">trace.py</a>	add a version negotiation test case	16 days ago

README.md

## Interop Test Runner

The Interop Test Runner aims to automatically generate an interop matrix by running multiple **test cases** using different QUIC implementations.

### Running the Interop Runner

quic-interop-runner/implementations.py

github.com/marten-seemann/quic-interop-runner/blob/master/implementations.py

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Branch: master quic-interop-runner / implementations.py / Jump to Find file Copy path

ghedo Update name of quiche's Docker image eb7c47 4 days ago

4 contributors

10 lines (9 sloc) 337 Bytes Raw Blame History

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```
1 # add your QUIC implementation here
2 IMPLEMENTATIONS = { # name => docker image
3   "quicgo": "martenseemann/quic-go-interop:latest",
4   "quicly": "janaiyengar/quicly:interop",
5   "ngtcp2": "ngtcp2/ngtcp2-interop:latest",
6   "quant": "ntap/quant:interop",
7   "mvfst": "lnicco/mvfst-qns:latest",
8   "quiche": "cloudflare/quiche-qns:latest",
9 }
```

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	quicgo	quicly	ngtcp2	quant	mvfst	quiche
quicgo	HDCSR3 - -	HDCSR 3 -	3 - HDCSR	HDCR 3 S	- S HDCR3	HDCSR3 - -
quicly	HDCSR 3 -	HDCSR 3 -	- 3 HDCSR	HDCR 3 S	- S3 HDCR	HDCSR 3 -
ngtcp2	- - HDCSR3	- 3 HDCSR	HDCSR3 - -	- 3 HDCSR	- S HDCR3	3 - HDCSR
quant	HR - DCS3	HDCR 3 S	- - HDCSR3	HR 3 DCS	- S HDCR3	HDCR - S3
mvfst	- S HDCR3	- S3 HDCR	- S HDCR3	- S3 HDCR	HDCR3 S -	HDCR3 S -
quiche	HDCSR3 - -	HDCSR 3 -	3 - HDCSR	HDCR 3 S	HDC3 SR -	HDCSR3 - -

<https://github.com/marten-seemann/quic-interop-runner/>