

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

Branch: master ▾ New pull request

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👤 marten-seemann	fix link to Docker Hub in README	Latest commit 7a1fcb0 3 days ago
📄 .gitignore	move the interop runner to this repo	last month
📄 LICENSE.md	add a license	19 days ago
📄 README.md	fix link to Docker Hub in README	3 days ago
📄 docker-compose.yml	add the server's IP address to the client's /etc/hosts	15 days ago
📄 implementations.py	Update name of quiche's Docker image	4 days ago
📄 interop.py	use `docker cp` instead of a mount to retrieve the pcaps from the sim	19 days ago
📄 pull.py	move the interop runner to this repo	last month
📄 run.py	pass the simulator log dir to the testcase constructor	29 days ago
📄 testcases.py	change log level of the token in the retry test case	4 days ago
📄 trace.py	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 ebf7c47 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	-	3	HDC	HDCR3	HDCSR3
	-	R3	-	R3	S	-
	-	HDCS	HDCSR	S	-	-
quicly	HDCS	HDCS	-	HDC	HDC	HDCS
	R3	R3	R3	R3	SR3	R3
	-	-	HDCS	S	-	-
ngtcp2	-	-	HDCSR3	-	HDCR3	3
	-	R3	-	R3	S	-
	HDCSR3	HDCS	-	HDCS	-	HDCSR
quant	HS	H	-	HDC	HDC	HDCS
	R3	R3	R3	R3	SR3	R3
	DC	DCS	HDCS	S	-	-
mvfst	HDCR3	HDC	3	H	DCR3	HDCR3
	S	SR3	S	SR3	S	S
	-	-	HDCR	DC	H	-
quiche	HDCSR3	HDCS	3	HDC	HDCR	HDCSR3
	-	R3	-	R3	S3	-
	-	-	HDCSR	S	-	-

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