DKIM2@IETF125

Hackathon Presentation

Team Members

Two copies of Claude, in two languages

Perl

```
brong@Brons-MacBook-Air brong % prove t
t/body-canon.t .. ok
t/full-chain.t .. # === Building chain ===
t/full-chain.t .. 1/? # === Full chain validation
(unwind) ===
# === Negative tests ===
# === Unchanged message re-sign ===
t/full-chain.t .. ok
t/interop.t ..... # === Verifying python test
emails ===
t/interop.t ..... 1/? # === Verifying hs test
emails ===
t/interop.t ..... ok
All tests successful.
Files=3, Tests=87,  0 wallclock secs ( 0.01 usr
0.01 sys +  0.17 cusr  0.03 csys =  0.22 CPU)
Result: PASS
```

Python

```
brong@Brons-MacBook-Air python % bash
tests/run_tests.sh
=== DKIM2 Signing Tests ===

  PASS:      simple-ed25519
  PASS:      simple-rsa1024
  PASS:      simple-rsa2048
[...]

=== DKIM2 Verification Tests ===

PASS: all signatures verified
  PASS:      verify dsn-ed25519
PASS: all signatures verified
  PASS:      verify dupheaders-ed25519
PASS: all signatures verified
  PASS:      verify emptybody-ed25519
[...]

Results: 27 passed, 0 failed
```

Two mailing list managers, two approaches

Mailman

https://github.com/brong/mailman/pull/1

Sympa

https://github.com/brong/sympa/pull/1

Results

19 Recommendations for changes to the spec

- 4 significant interop issues
- 5 spec bugs
- 10 clarity suggestions