FediTest Project

- Protocol-independent interoperability test framework

  - For distributed, heterogeneous networks

  - Using complex protocols (like in the Fediverse)

- Test suite for the ActivityPub-based Fediverse

- "Node Drivers" for common Fediverse applications

- Can also be used for non-Fediverse protocol(s)

FediTest architecture

FediTest framework

Test Plan A

Node 1 Driver | Node 2 Driver | Node 3 Driver | ...

Provision constellation

Provision/unprovision

test1.py
test2.py
test3.py
test4.py
test5.py
…

Node 1 proxy

Node 2 proxy

Node 3 proxy

Control

Observe

Constellation

Node 2

Node 1

To-be-tested protocol(s)

Node 3

Teardown constellation

Reports

.tap

.html

…