

TestPlan

- Test setup and teardown is expensive
 - Be careful to only do it when necessary
 - Example: repeat executing a TestStep while debugging

➡ Idea: TestPlan

- The series of steps that a particular TestRun will go through
- Can be generated, saved, manually edited
- Structure:
 - For 1 ... N TestSessions:
 - Setup Constellation of servers/applications (e.g. run Mastodon against Mastodon)
 - Run Test
 - Run TestStep 1
 - Run TestStep 2
 - ...
 - Teardown Constellation

Constellations

- Each has $N \geq 1$ Nodes
- Each Node is named
- Tests specify which constellations they are compatible with
 - E.g. Needs 3 Nodes
- In a TestRun, each named Node is assigned one application

Example:
Constellation (N=3)

Node 1:
“Poster”

Node 2:
“Resharer”

Node 3:
“Receiver”

Test Run 1

WordPress

Mastodon

Micro.blog

Test 1

Test 2

Test 3

...

Test Run 2

Mastodon

Misskey

Mastodon

Test 1

Test 2

Test 3

...