

# Problem: setup of distributed state

- Example test: “If Alice follows Bob, does she receive his new posts?”
  - **Provided that ...**
    - @alice@a.example GETs @bob@b.example’s WebFinger file
    - @alice@a.example GETs @bob@b.example’s Actor file
    - @alice@a.example signs and POSTs a “follow” to @bob@b.example’s inbox
    - @bob@b.example GETs @alice@a.example’s WebFinger file
    - @bob@b.example GETs @alice@a.example’s Actor file
    - @bob@b.example validates @alice@a.example’s signature on the “follow”
    - @bob@b.example accepts the “follow”
    - @bob@b.example signs and POSTs an “accept” to @a@a.example’s inbox
    - @alice@a.example validates @bob@b.example’s signature on the “accept”
  - **Now this action ...**
    - @bob@b.example “creates” a “note”
  - **Leads to this desired result to be verified:**
    - @alice@a.example’s inbox receives the “create note”, correctly signed by @bob@b.example’s key
- Problem:
  - Many steps to get a.example and b.example into the state where the actual test can be performed

# Problem: setting up a constellation