

Example test class

```
@test
class SendNoteToTest:
    def __init__(self,
        sender_node: FediverseNode,
        receiver_node: FediverseNode
    ) -> None:
        self.sender_node = sender_node
        self.sender_actor_acct_uri = None

        self.receiver_node = receiver_node
        self.receiver_actor_acct_uri = None

        self.note_content = f"Testing sender_creates_note {datetime.now()}"
        self.note_uri = None

    @step
    def provision_actors(self):
        self.sender_actor_acct_uri = self.sender_node.obtain_actor_acct_uri()
        self.receiver_actor_acct_uri = self.receiver_node.obtain_actor_acct_uri()

    @step
    def sender_creates_note(self):
        self.note_uri = self.sender_node.make_create_note(
            self.sender_actor_acct_uri,
            self.note_content,
            deliver_to=[ self.receiver_actor_acct_uri ])
        assert self.note_uri

    @step
    def wait_until_note_received(self):
        received_content = poll_until(
            lambda: self.receiver_node.actor_has_received_object(self.receiver_actor_acct_uri, self.note_uri))

        assert_that(received_content, contains_string(self.note_content), SpecLevel.MUST, InteropLevel.PROBLEM)
        assert_that(received_content, equal_to(self.note_content), SpecLevel.IMPLIED, InteropLevel.DEGRADED)
```

Node Drivers

- Abstract interface: “instantiate me a Node of type X”
 - e.g. “instantiate Mastodon”
 - Can be manual, fully automated, ... implemented in many ways
- Current: Mastodon, WordPress automated implementations using UBOS Gears:
 - Single-command web application administration, e.g.

```
sudo ubos-admin deploy --file <site.json>
sudo ubos-admin undeploy --file <site.json>
sudo ubos-admin restore --in <backupfile>
...
```



See <https://ubos.net/docs/gears>