

Gruppe A11

Beschreibung der Bedienung:

1. Bash: cd projekt
2. Bash: mkdir -p logs
3. Öffne 4 weitere Terminals und bashe jeweils für alle 4 Teilnehmer in den einzelnen Terminals die dazu gehörige Anweisung:

1. Terminal Alice:

```
rm -f /tmp/chat_discovery_6000.lock
python3 discovery_main.py alice.toml 6000 > logs/alice.discovery.log 2>&1 & sleep 0.2
python3 network_main.py alice.toml 6001 > logs/alice.network.log 2>&1 & sleep 0.2
python3 main_ui.py alice.toml 6000 6001
```

2. Terminal Bob:

```
rm -f /tmp/chat_discovery_7000.lock
python3 discovery_main.py bob.toml 7000 > logs/bob.discovery.log 2>&1 & sleep 0.2
python3 network_main.py bob.toml 7001 > logs/bob.network.log 2>&1 & sleep 0.2
python3 main_ui.py bob.toml 7000 7001
```

3. Terminal Caroline:

```
rm -f /tmp/chat_discovery_8000.lock
python3 discovery_main.py caroline.toml 8000 > logs/caroline.discovery.log 2>&1 & sleep 0.2
python3 network_main.py caroline.toml 8001 > logs/caroline.network.log 2>&1 & sleep 0.2
python3 main_ui.py caroline.toml 8000 8001
```

4. Diana Terminal:

```
rm -f /tmp/chat_discovery_9000.lock
python3 discovery_main.py diana.toml 9000 > logs/diana.discovery.log 2>&1 & sleep 0.2
python3 network_main.py diana.toml 9001 > logs/diana.network.log 2>&1 & sleep 0.2
python3 main_ui.py diana.toml 9000 9001
```

➤ Somit werden die Terminals gestartet.

Wenn man die GUI mitstarte möchte:

Alice

```
cd projekt
```

```
mkdir -p logs
```

```
rm -f /tmp/chat_discovery_6000.lock
```

```
python3 discovery_main.py alice.toml 6000 > logs/alice.discovery.log 2>&1 & sleep 0.2
```

```
python3 network_main.py alice.toml 6001 > logs/alice.network.log 2>&1 & sleep 0.2
```

```
python3 gui.py alice.toml 6000 6001
```

Bob

```
cd projekt
```

```
rm -f /tmp/chat_discovery_7000.lock
```

```
python3 discovery_main.py bob.toml 7000 > logs/bob.discovery.log 2>&1 & sleep 0.2
```

```
python3 network_main.py bob.toml 7001 > logs/bob.network.log 2>&1 & sleep 0.2
```

```
python3 gui.py bob.toml 7000 7001
```

Caroline

```
cd projekt
```

```
rm -f /tmp/chat_discovery_8000.lock
```

```
python3 discovery_main.py caroline.toml 8000 > logs/caroline.discovery.log 2>&1 & sleep 0.2
```

```
python3 network_main.py caroline.toml 8001 > logs/caroline.network.log 2>&1 & sleep 0.2
```

```
python3 gui.py caroline.toml 8000 8001
```

Diana

```
cd projekt
```

```
rm -f /tmp/chat_discovery_9000.lock
```

```
python3 discovery_main.py diana.toml 9000 > logs/diana.discovery.log 2>&1 & sleep 0.2
```

```
python3 network_main.py diana.toml 9001 > logs/diana.network.log 2>&1 & sleep 0.2
```

```
python3 gui.py diana.toml 9000 9001
```

- Somit werden die einzelnen GUI-Oberflächen gestartet.

Single-Process-Modus

Alle Dienste (Discovery, Network, UI) in einem Prozess starten:

```
python3 main.py <handler>.toml
```

Beispiel: `python3 main.py bob.toml`