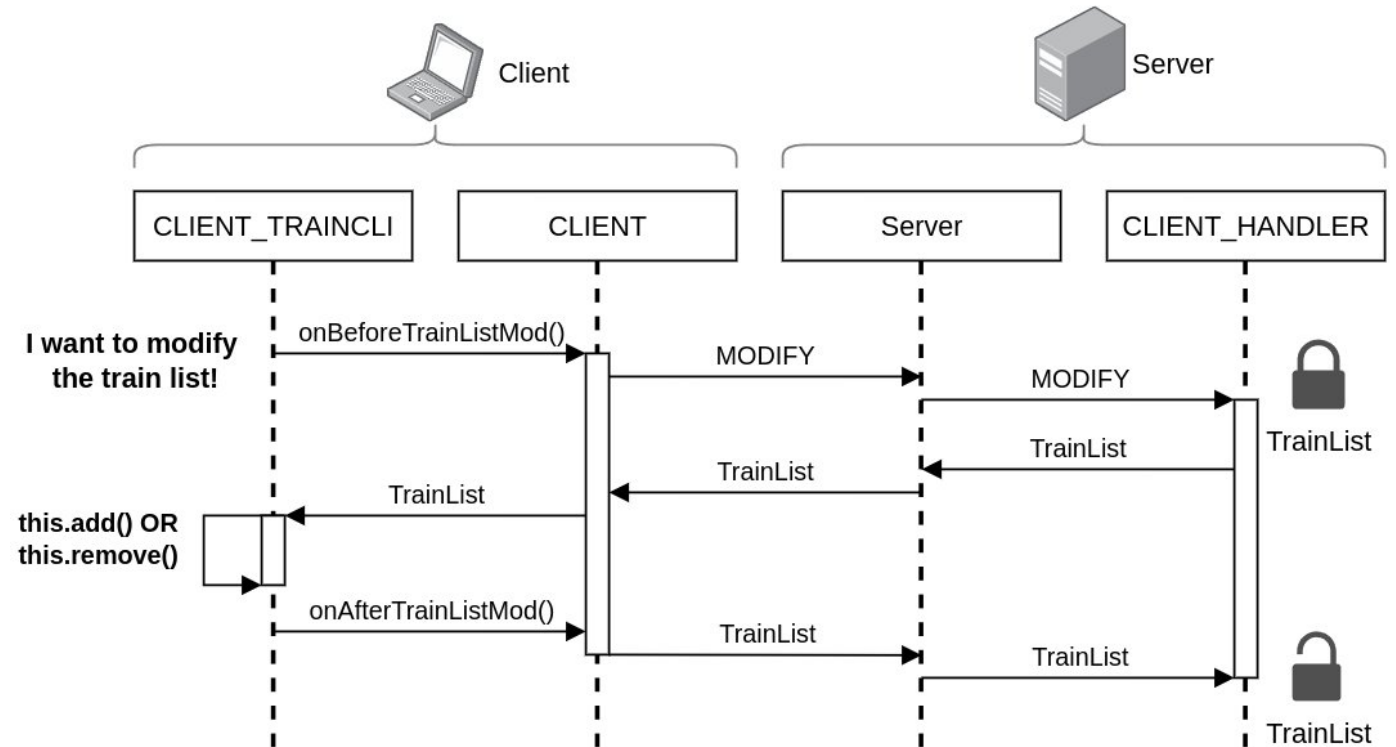


I/O Strøm, Kommunikation og begivenheder

Kursus 10

Opgave 2: Datastreams from network and file

- We use TrainProtocol!! (TCP)
- SERVER.java
 - Process that serves the java application
 - Manages ONE Train List among its clients
 - Client connects -> New client thread
- CLIENT_HANDLER.java
 - Manages client connctes
 - Only close TCP when client wants
- CLIENT.java
 - A “wrapper” for a TranCLI
 - When to update its own Train list??
- No encryption!



```
// Import a TrainList object form a file
public void importTrainListFromFile() throws IOException, \
ClassNotFoundException {
    FileInputStream fileInput = new \
        FileInputStream(this.trainListFile.getPath());
    ObjectInputStream objectInput = new ObjectInputStream(fileInput);
    this.trains = (TrainsList) objectInput.readObject();
    objectInput.close();
}
```