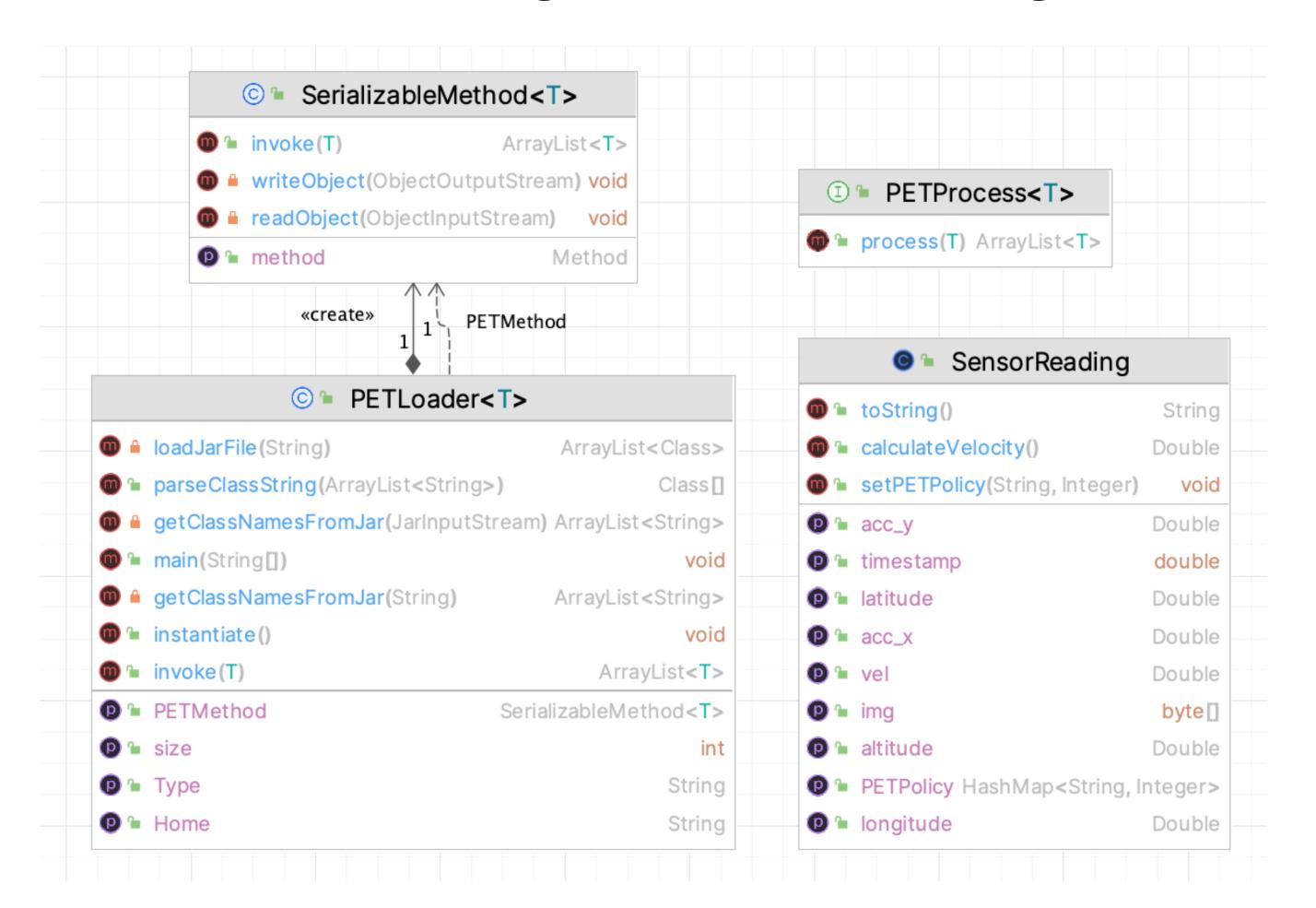
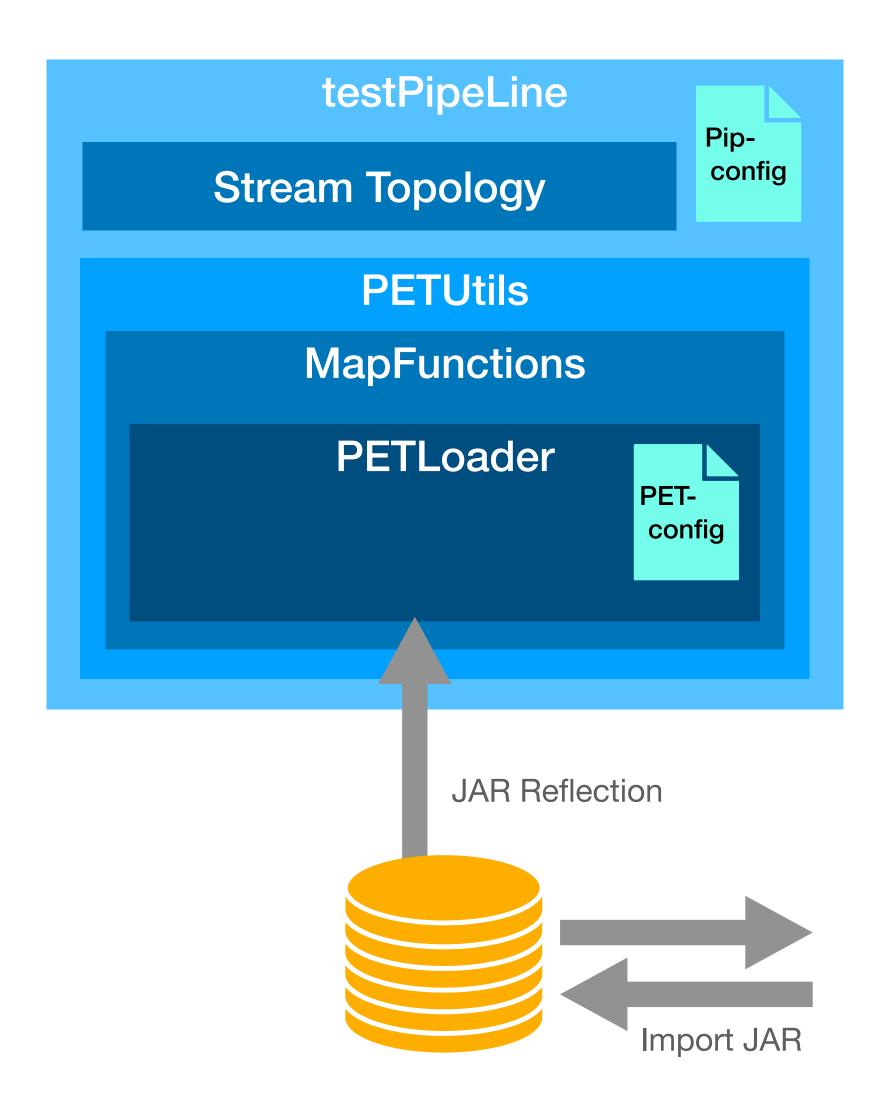
Weekly Report 03

Practical Information Course

Dynamic loading of JAR Package





Configuration

```
"PET-CONF": "/Users/lukasye/Projects/pis_project_ss2023_group2/carPET/config/PETconfig.json",
"PET-TYPE": ["SPEED"],
"USER-CONF": ""
                                                                                              PETConfig
 "HOMEDIR": "carPET/",
 "SPEED": {...},
"IMAGE": {
  "0": {
    "FileName": "ImagePET01-1.0-SNAPSHOT.jar",
     "Description": "",
     "FunctionName": "pis.group2.ImageAnonymizer",
     "ConstructorParameter": ["java.lang.String", "java.lang.Integer"],
     "Default": ["/foo/bar/src/main/resources/enet/Main.py", 1],
     "FunctionParameter": ["java.lang.Object"]
"Location": {...}
```

PipeConfig

Implementation PET

******* Speed PET Testing ********

Totally 2 PETs
Input: 20.3
PET 0: [0.0]

PET 1: [75.0]

Input:



Output:







```
********* Location PET Testing ********

Totally 2 PETs

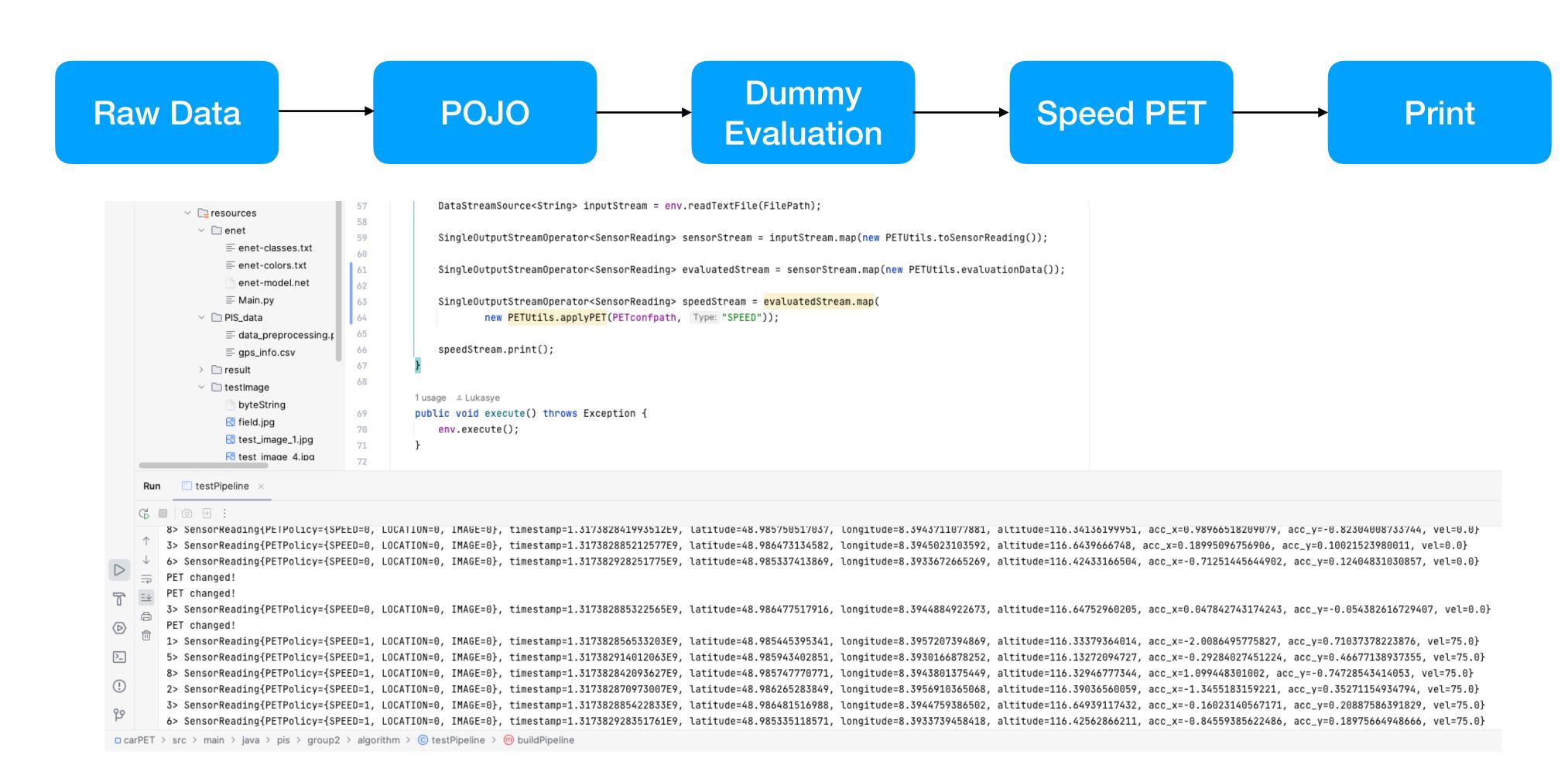
Input: (48.985771846331,8.3941997039792)

PET 0: [(48.985771846331,8.3941997039792)]

PET 1: [(48.985871846331,8.3937997039792),
```

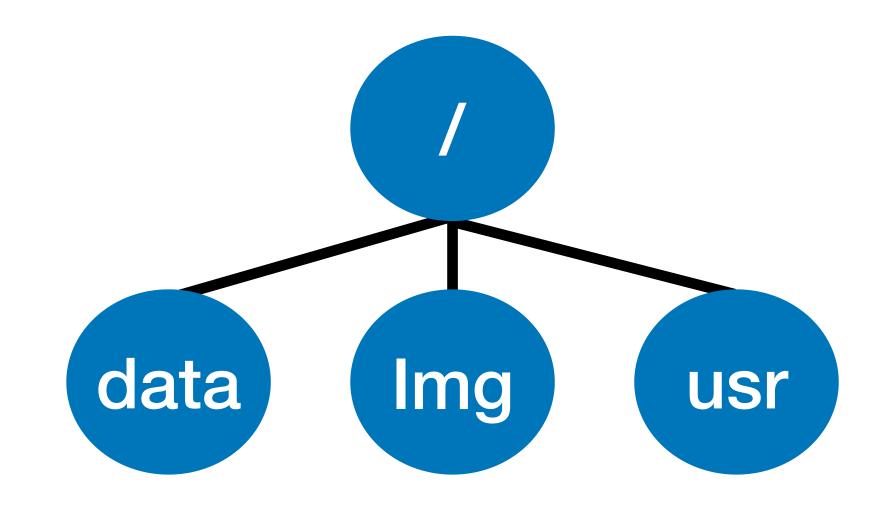
(48.985771846331,8.394599703979202), (48.985871846331,8.393999703979201)]

Result

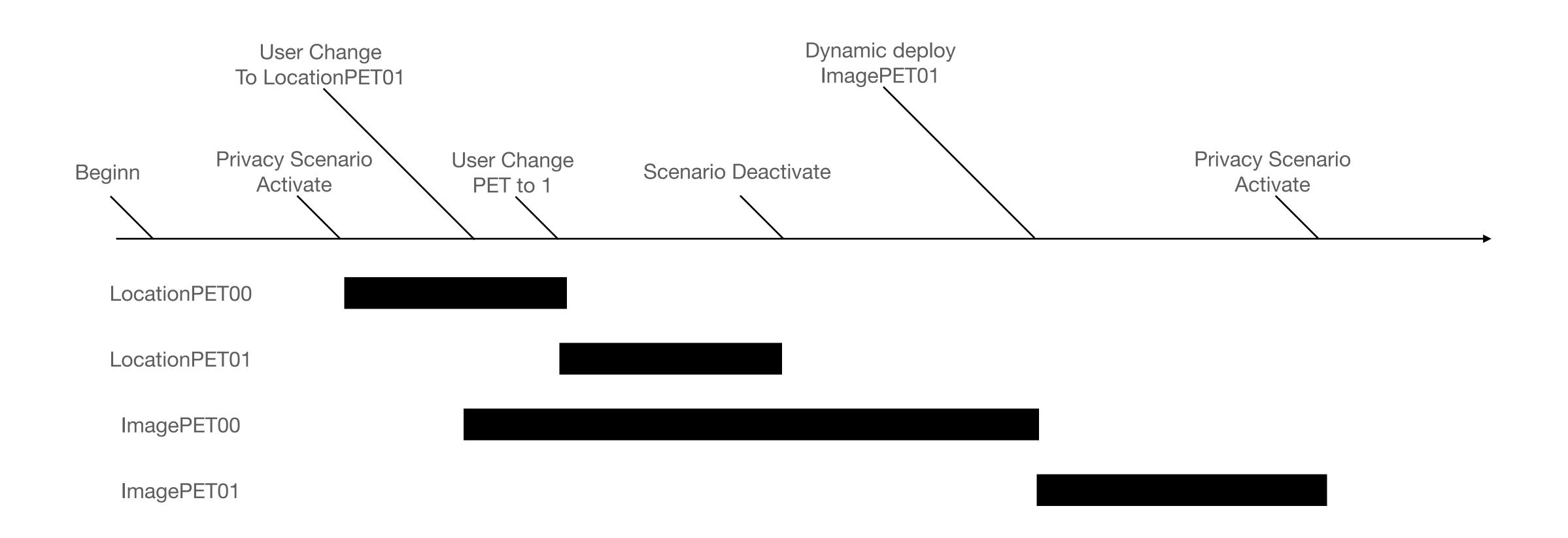


Data source generator

ld	Command	Parameter	Describe
1	Run	-num X	Feed X lines of data(image) to Kafka
2	Write	- topic X -msg Y	Write Customer message to topic Y
3	RunDelay	-num X -delay Y	Feed X lines to Kafka with delay Y
4	Foo	-env X	Manually activate scenario



Senario Demo



Target for next phase

- Dynamically deployment of package in field
- Mechanism for benchmark
- Documentation
- Generalise data source generator
- Design GUI for demonstration