

# Assignment 01 - Internal DSL

## **(1) A one-paragraph summary of how you solved the exercise**

I know I did not solve the test, but I gave it my best shot. I think there is something I have misunderstood about how the machine works all together, even though I asked some classmates to get a better understanding of it. I would very much like to have a better explanation on each method or something like that to help me understand what each method in the java classes handed-out should do. The examples from “mini-state-machine” and “CDPlayer” did not help me as much as I would have liked.

## **(2) Your status in terms of which unit tests pass**

The status in terms of which unit tests passed isn't that long.  
From test CDPlayerTest.java I passed no test

From test MachineInterpreterTest.java I pass the following tests:

- startInitState
- eventNoTransition
- eventTransition
- listOfEvents
- chooseTransition
- initVariable

From test MachineStructureTest.java I pass the following tests:

- emptyMachine
- states
- initialFirstState
- initialState
- getState
- noTransitions
- transitions
- noVariables
- addVariable

A coverage on the test package is 50.4%

## **(3) A link to an online version of your source code**

Link to github with source code:

<https://github.com/mikk311/assignment1-main>

## **(4) the source code of your project (we need both the link to the online version and the source code in the pdf).**

See point 3. and the attached files in the zip folder for source code in pdf format.  
The pdfs of the source code is on github as well