```
NeuralNetwork
# d inputLayer
# d hiddenLavers
# d outputLayer
+ writeInput()
+ predict()
+ readOutput()
+ inputSize()
+ outputSize()
+ show()
+ validate()
# NeuralNetwork()
 SimpleNetwork
+ SimpleNetwork()
writeInput()
predict()
readOutput()
inputSize()
- outputSize()
- show()
validate()
```