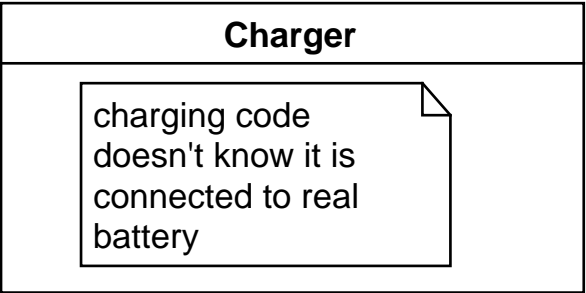


Expensive/Slow/Dangerous
to test

Real System

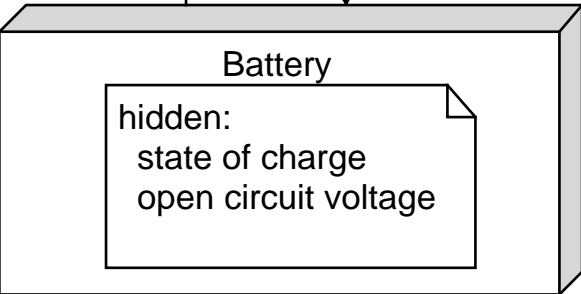
Real Time



Charger can
apply constant
current or terminal
voltage

ElectricalInterface

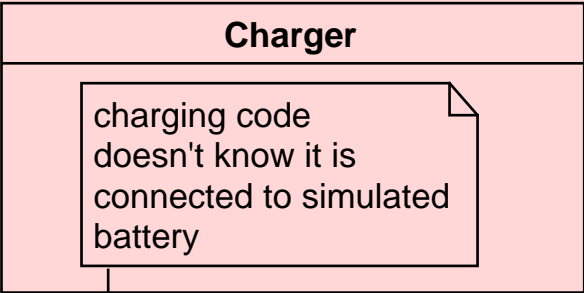
Provides
functions to
read current
and voltage



Free/Fast/Trivial
to test (once it is setup)

Fake System

Programmable
Time



Charger can
apply constant
current or terminal
voltage

ElectricalInterface

Provides
functions to
read current
and voltage

Mocks Electrics

ElectricalInterfaceMock

Mocks Time

ChargerMoc

ChargeTester

BatterySimulator

Shippable
code

Testing
code