Class Diagram0 2018/05/24 The diagram showes the system of a calculator. To use it the user presses buttons. The buttons to choose from are: on, number button, operation button, equals button and the dot button. Depending on the state it has been in and the pressed button, different states are set. CalculatorState + numberEntered(calculator : Calculator)

+ operationEntered(calculator : Calculator)

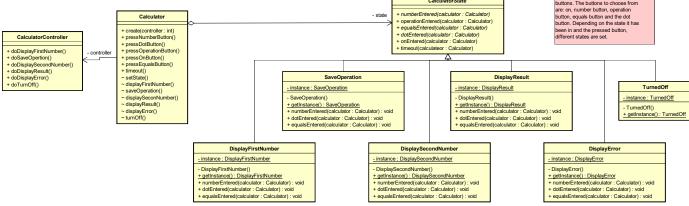
+ equalsEntered(calculator : Calculator)

+ dolEntered(calculator : Calculator)

+ onEntered(calculator : Calculator)

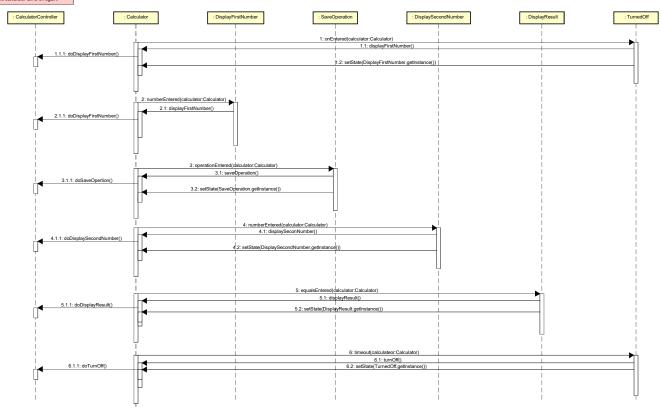
+ onEntered(calculator : Calculator)

+ timeout(calculator : Calculator) Calculator CalculatorController - controller



Sequence Diagram0 2018/05/24

The sequence diagram presents the sunny scenario of how a calculator works. It is the simpliest case when the user after turning the calculator on, presses one number, next an operation, another number and the equal button. Having done that, the user waits five minutes until the calculator turns off again.



Statemachine Diagram0 2018/05/24

