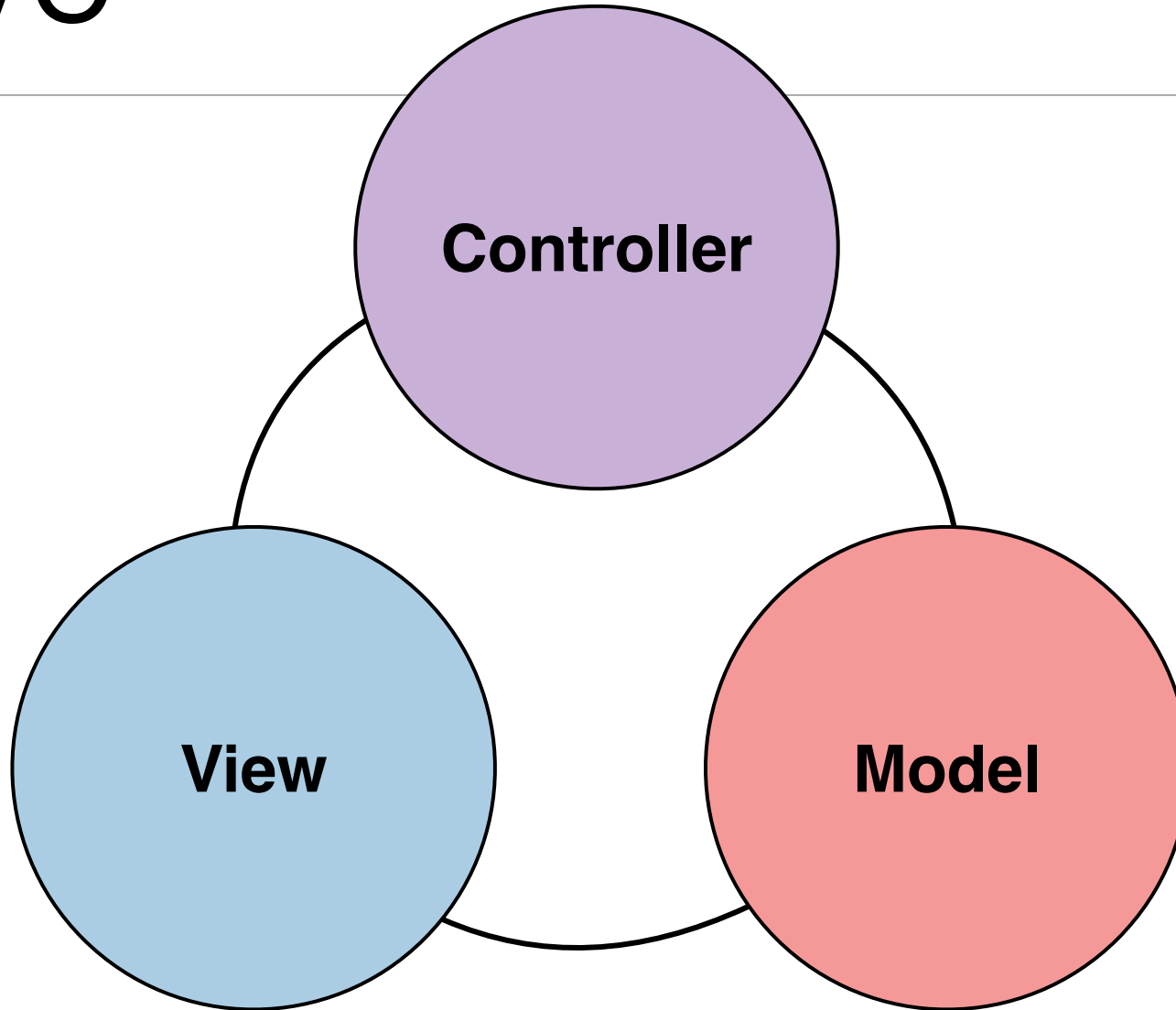


# MVC

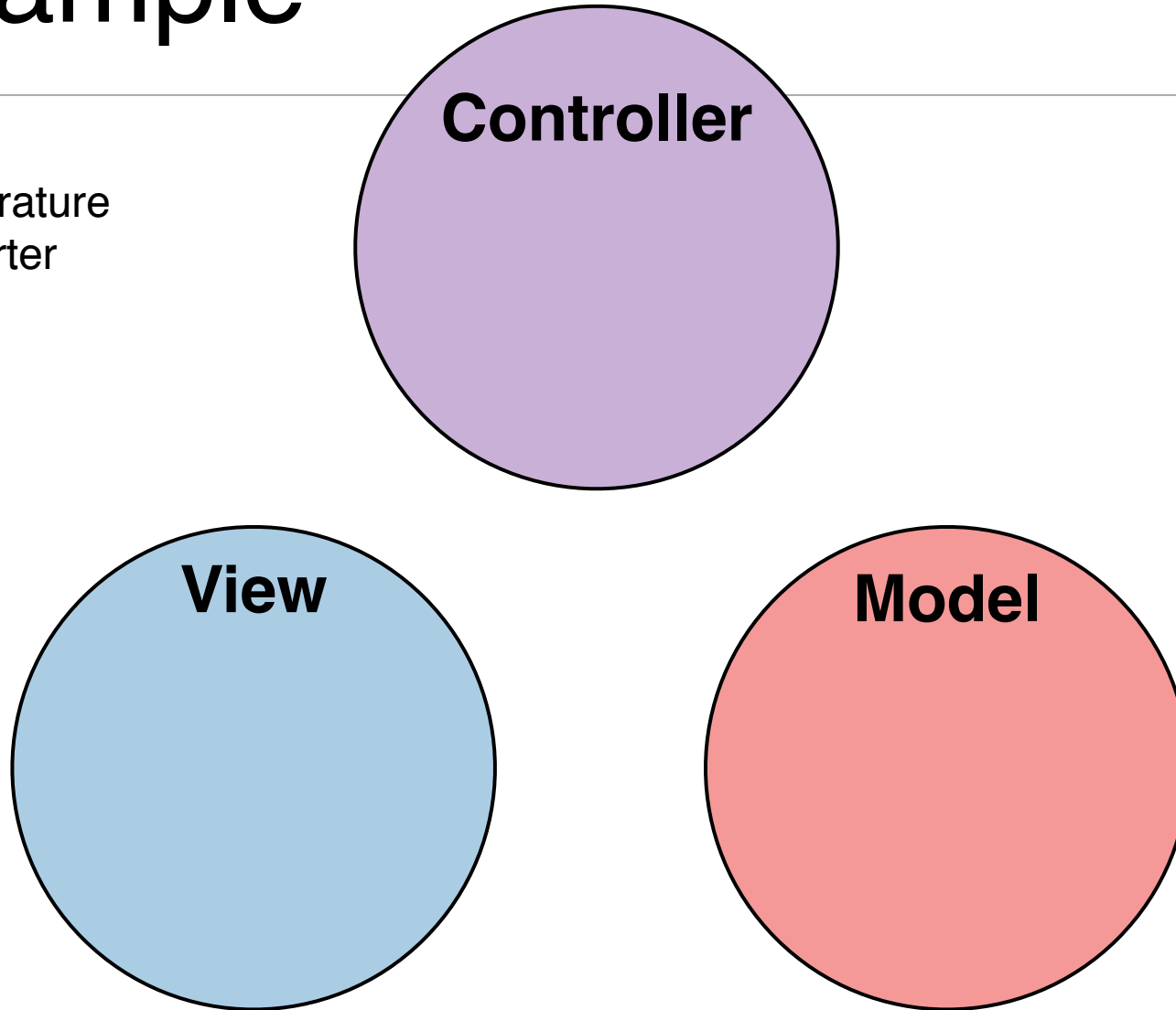
---



# Example

---

Temperature  
Converter



# Example

---

Temperature  
Converter

**Controller**

**View**

**Model**

**TemperatureModel**

- int celsius
- int fahrenheit
- setCelsiusValue(int value)
- setFahrenheitValue(int value)
- getCelsiusValue()
- getFahrenheitValue()

# Example

---

Temperature  
Converter

**Controller**

**View**

**TemperatureView**

- JTextField celsiusValue
- JTextField fahrenheitValue
- JButton closeButton
- JButton resetButton

**Model**

**TemperatureModel**

- int celsius
- int fahrenheit
- setCelsiusValue(int value)
- setFahrenheitValue(int value)
- getCelsiusValue()
- getFahrenheitValue()

# Example

---

Temperature  
Converter

## Controller

### TemperatureController

- Listeners on JTextFields
- Listener on closeButton
- Listener on resetButton

## View

### TemperatureView

- JTextField celsiusValue
- JTextField fahrenheitValue
- JButton closeButton
- JButton resetButton

## Model

### TemperatureModel

- int celsius
- int fahrenheit
- setCelsiusValue(int value)
- setFahrenheitValue(int value)
- getCelsiusValue()
- getFahrenheitValue()

# Example

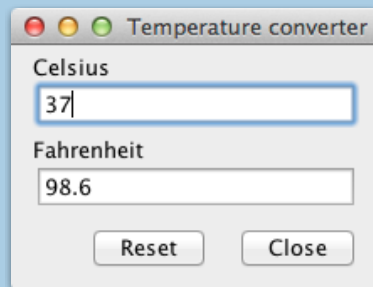
Temperature  
Converter

## Controller

### TemperatureController

- TemperatureModel model
- View[] views
- setCelsiusValue(int value, Object caller)
- setFahrenheitValue(int value, Object caller)
- bind(View view)

## View



## Model

### TemperatureModel

- int celsius
- int fahrenheit
- setCelsiusValue(int value)
- setFahrenheitValue(int value)
- getCelsiusValue()
- getFahrenheitValue()

# Example

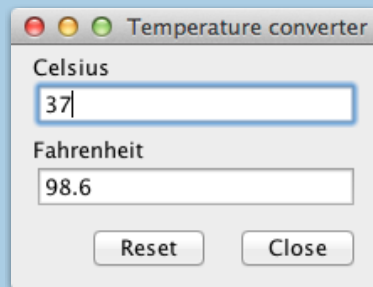
Temperature  
Converter

## Controller

### TemperatureController

- TemperatureModel model
- View[] views
- setCelsiusValue(int value, Object caller)
- setFahrenheitValue(int value, Object caller)
- bind(View view)

## View

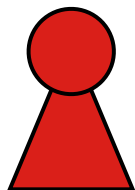


A screenshot of a graphical user interface window titled "Temperature converter". The window contains two input fields: "Celsius" with the value "37" and "Fahrenheit" with the value "98.6". Below the input fields are two buttons: "Reset" and "Close".

## Model

### TemperatureModel

- int celsius
- int fahrenheit
- setCelsiusValue(int value)
- setFahrenheitValue(int value)
- getCelsiusValue()
- getFahrenheitValue()



User

# Example

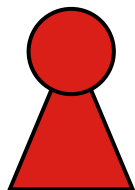
Temperature Converter

## Controller

### TemperatureController

- TemperatureModel model
- View[] views
- setCelsiusValue(int value, Object caller)
- setFahrenheitValue(int value, Object caller)
- bind(View view)

## View



User

input

A screenshot of a 'Temperature converter' window. It has a title bar with three colored buttons (red, yellow, green) and the text 'Temperature converter'. Below the title bar, there are two input fields. The first is labeled 'Celsius' and contains the number '37'. The second is labeled 'Fahrenheit' and contains the number '98.6'. At the bottom of the window, there are two buttons: 'Reset' and 'Close'.

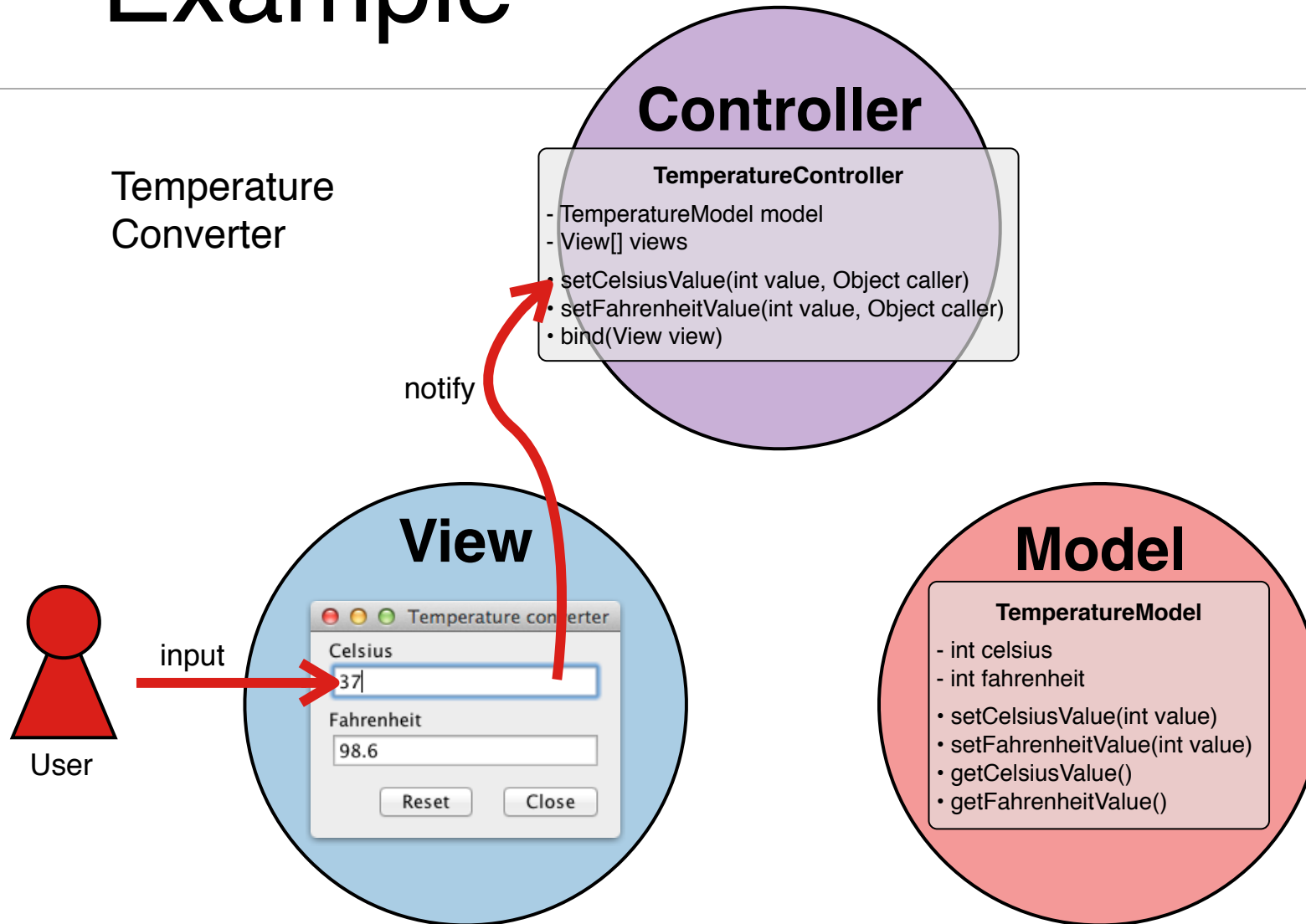
## Model

### TemperatureModel

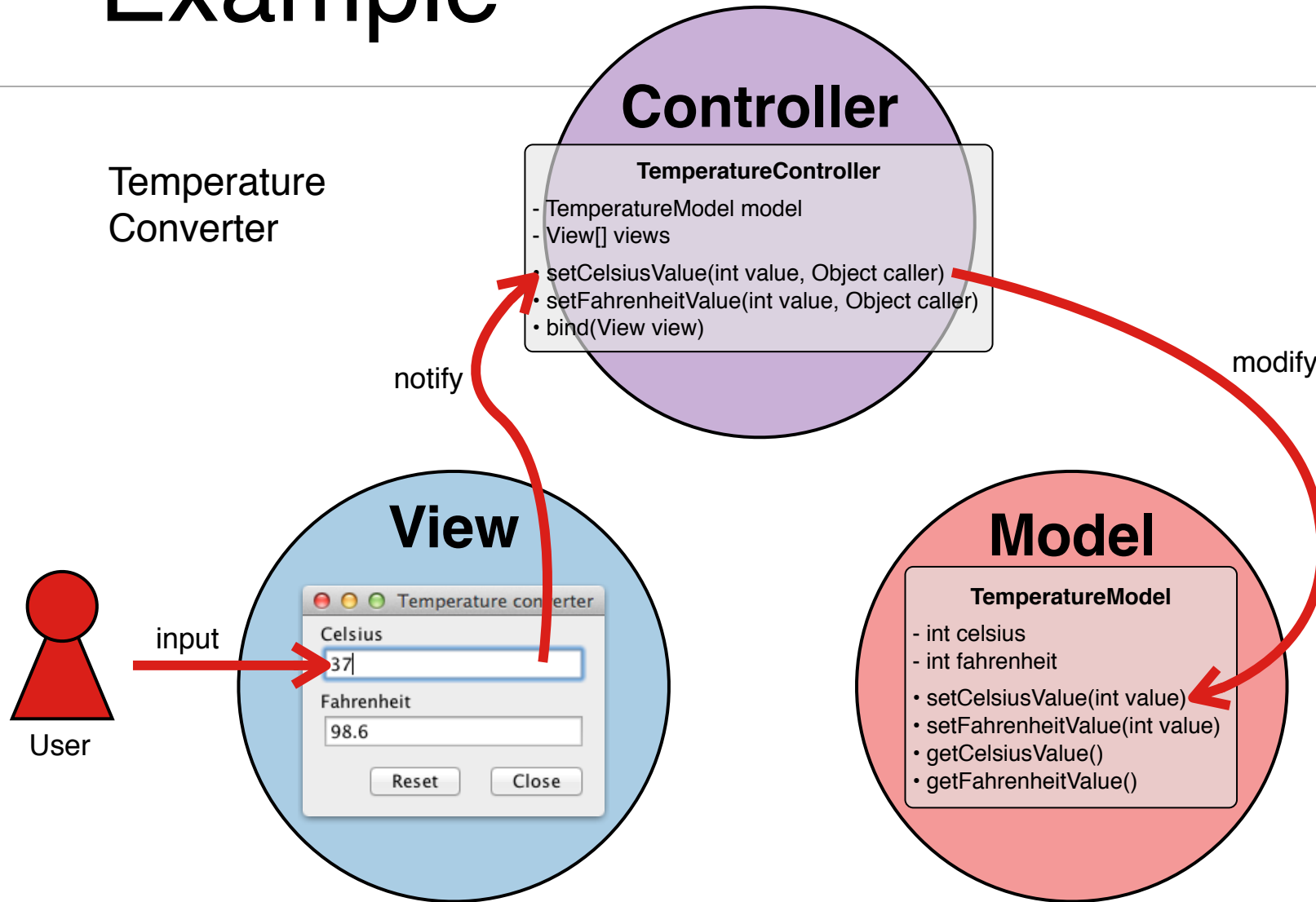
- int celsius
- int fahrenheit
- setCelsiusValue(int value)
- setFahrenheitValue(int value)
- getCelsiusValue()
- getFahrenheitValue()



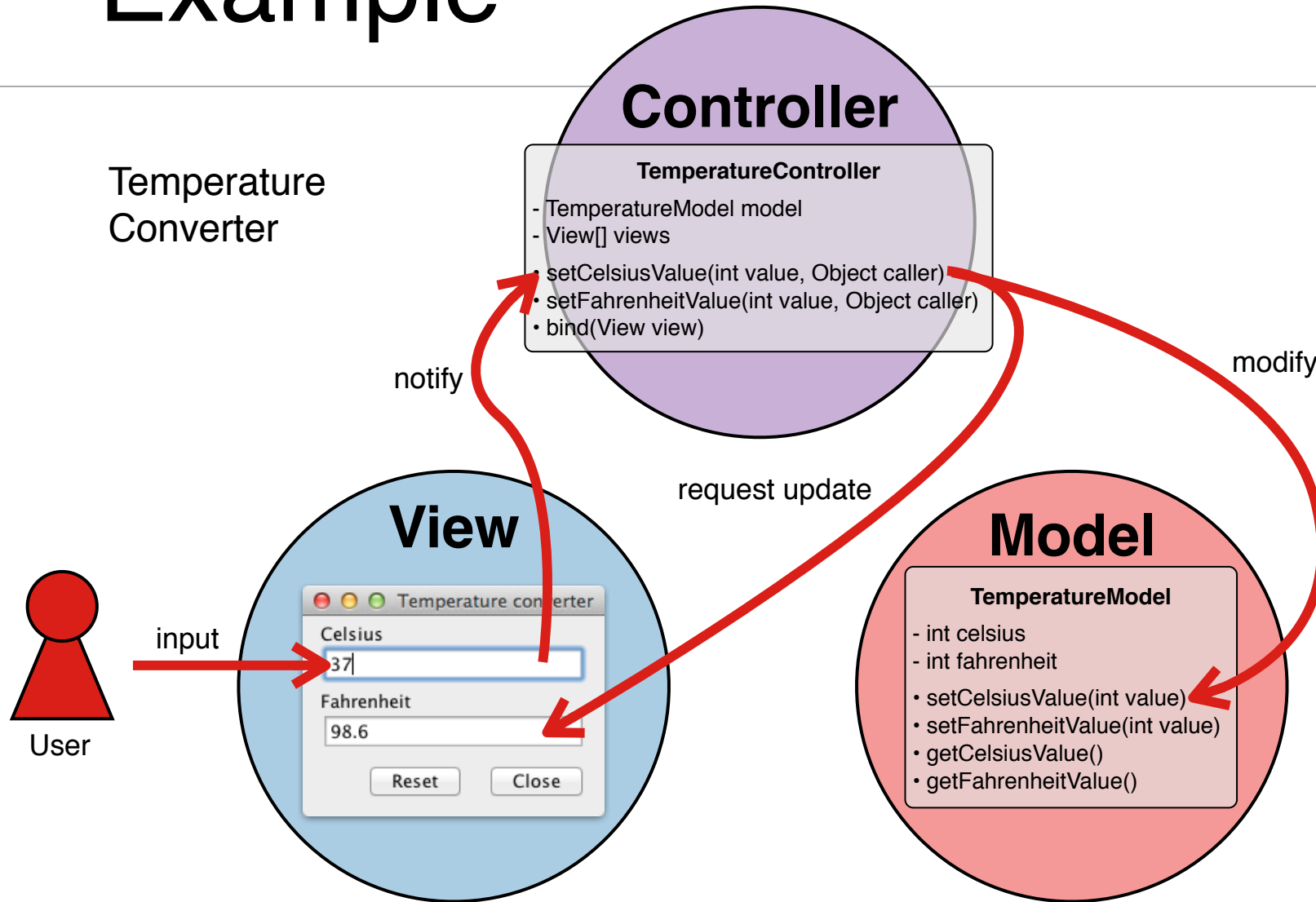
# Example



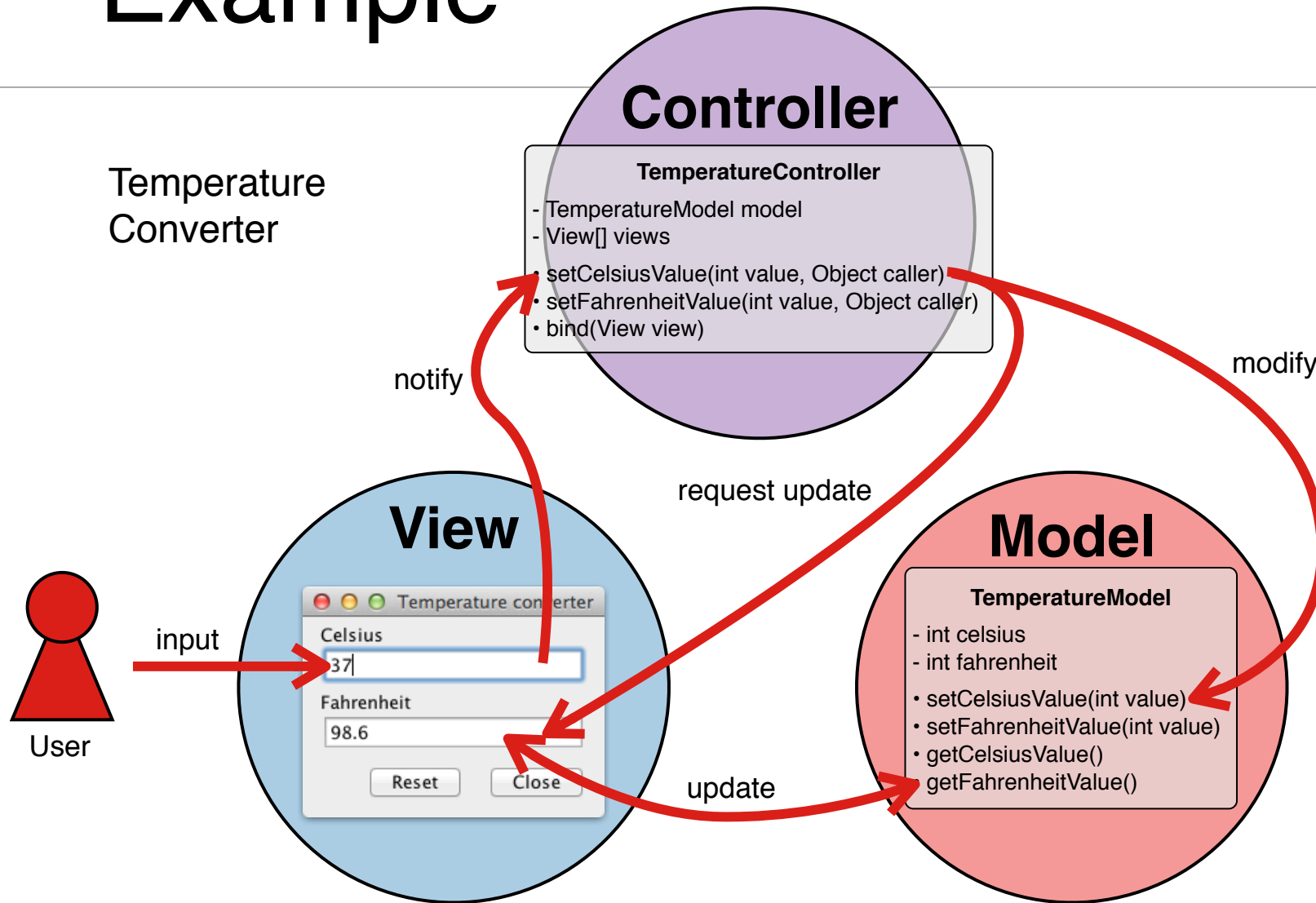
# Example



# Example



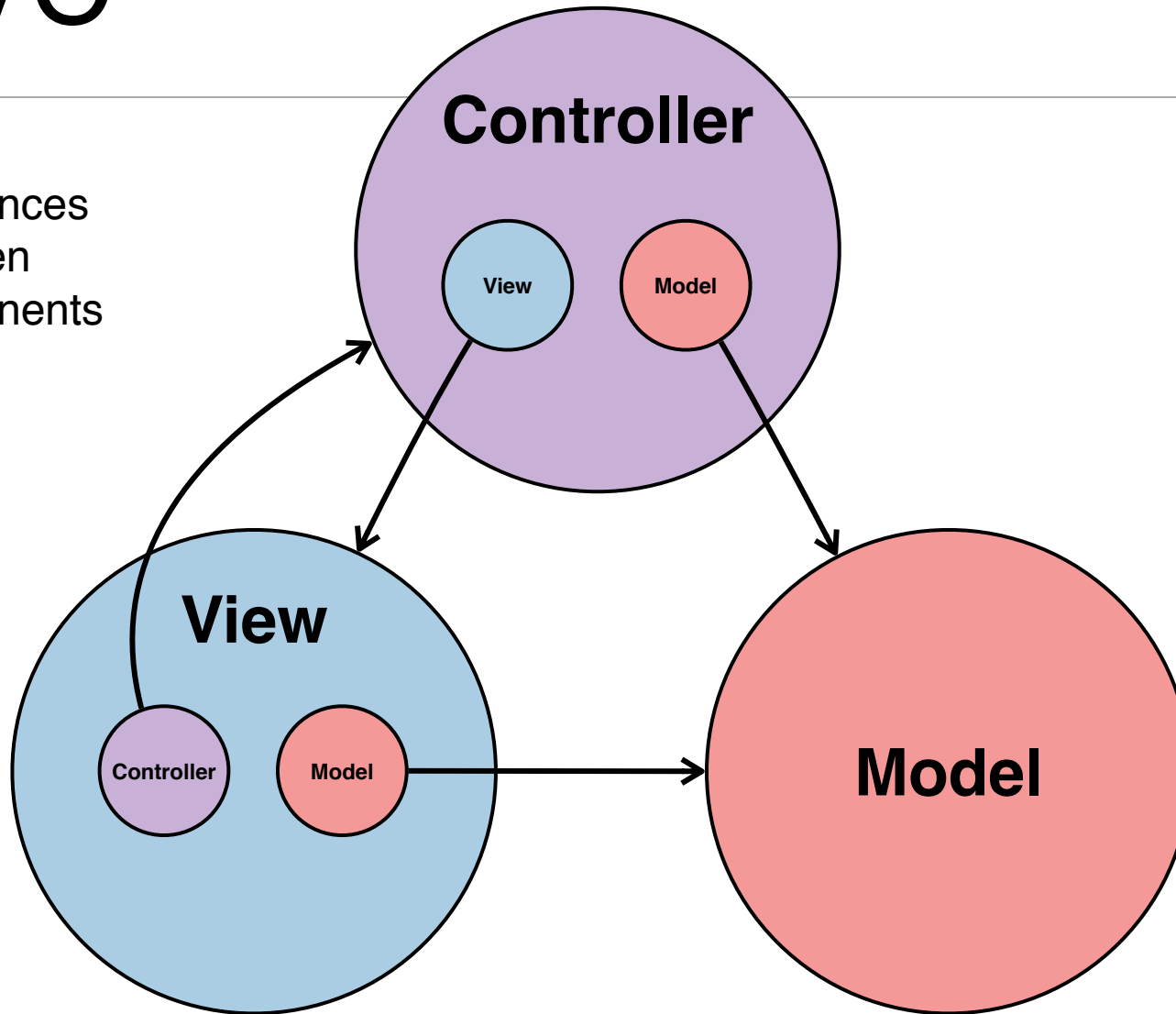
# Example



# MVC

---

References  
between  
components



# MVC

References  
between  
components

