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# Week 12 Class Diagrams

Group 5

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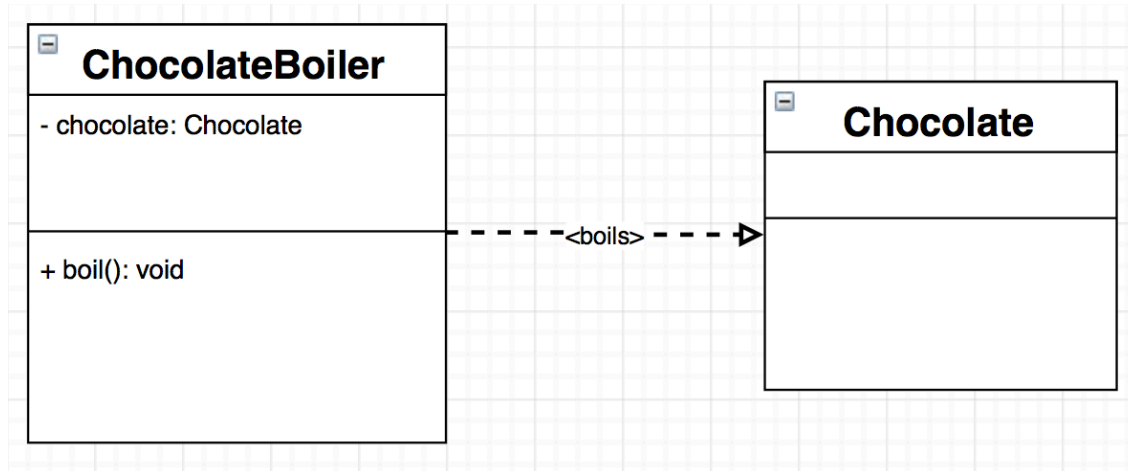
# Chocolate Boiler

## Requirements Statements

- A chocolate boiler is used to boil chocolate.
- Before boiling chocolate with the boiler, you have to make sure that the boiler is now empty and then fill chocolate in. Besides, you can't boil chocolate again while the chocolate has already been boiled.
- After boiling, drain out the boiled chocolate and make the boiler empty again.
- In order to prevent some unexpected situation, it is not allowed to have multiple instances of the chocolate boiler in the system.

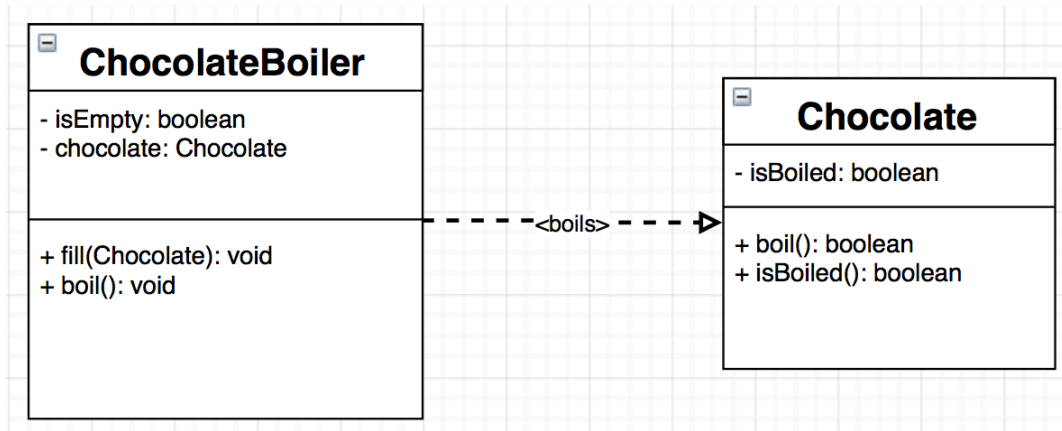
# Chocolate Boiler<sub>1</sub>

A chocolate boiler is used to boil chocolate.



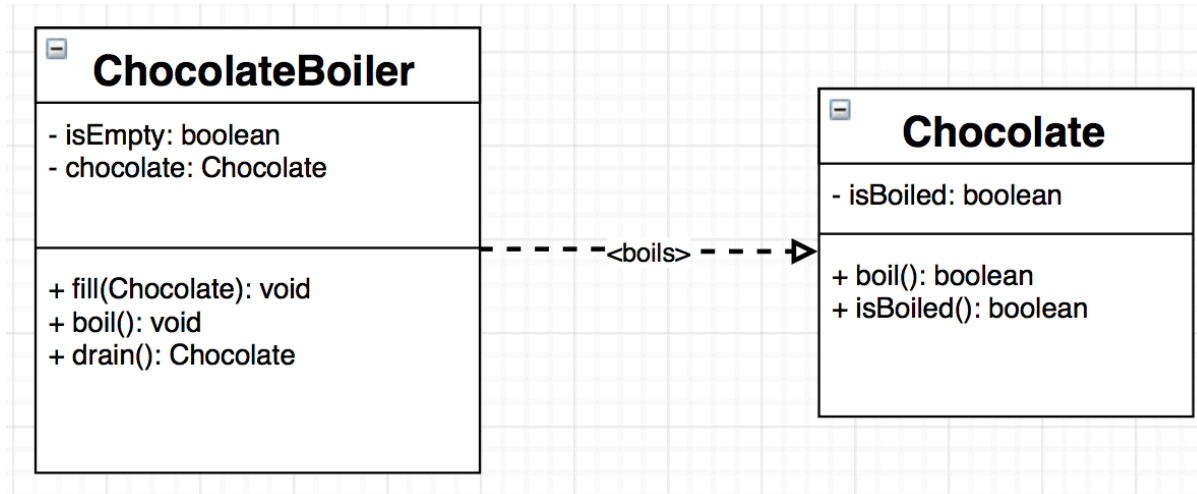
# Chocolate Boiler<sub>2</sub>

Before boiling chocolate with the boiler, you have to make sure that the boiler is now empty and then fill chocolate in. Besides, you can't boil chocolate again while the chocolate has already been boiled.



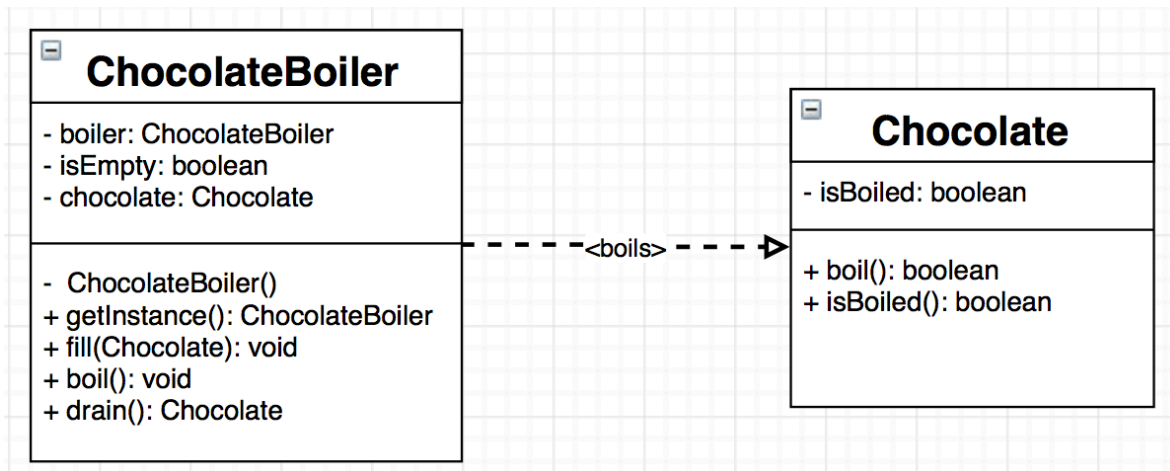
# Chocolate Boiler<sub>3</sub>

After boiling, drain out the boiled chocolate and make the boiler empty again.



# Chocolate Boiler<sub>4</sub>

In order to prevent some unexpected situation, it is not allowed to have multiple instances of the chocolate boiler in the system.



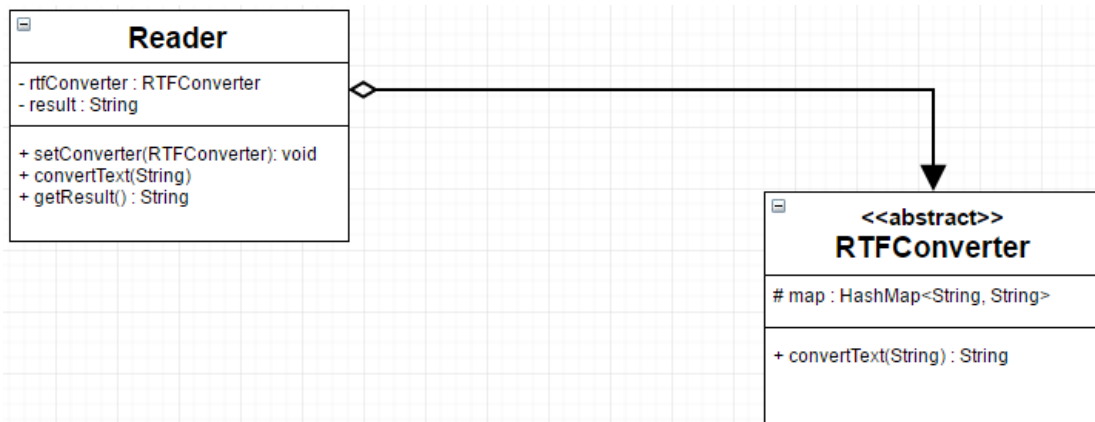
# A Rich Text Format Converter

## Requirements Statements

- A reader for the RTF (Rich Text Format) document exchange format should be able to convert RTF to many text formats.
- The reader converts RTF documents into TeX text or into a text widget by recognizing different RTF tokens (Character, Font Change and Paragraph).

# A Rich Text Format Converter<sub>1</sub>

A reader for the RTF (Rich Text Format) document exchange format should be able to convert RTF to many text formats.





# A Rich Text Format Converter<sub>2</sub>

The reader converts RTF documents into TeX text or into a text widget by recognizing different RTF tokens (Character, Font Change and Paragraph).

