UML Diagram

Ife Akinlosostu | October 11, 2023

Foot

- + Foot()
- + convertToUnit(value: Double, targetUnit: Unit<Double>):
 Double

Inch

- + Inch()
- + convertToUnit(value: Double, targetUnit: Unit<Double>):
 Double

UnitConverter

- + addUnit(Unit<T> unit): void
- + sortUnits(): void
- + convert(T, String, String): T
- + getHistory(): List<String>
- + readHistoryFromFile(String): void
- + saveHistoryToFIle(String): void
- units: ArravList<Unit<T>>
- history: ArrayList<String>

Unit

- name: String
- value: T
- + Unit(name: String, value: T)
- + getName(): String
- + getValue(): T
- + convertToUnit(T, Unit<T>): T

Meter

- + Meter()
- + convertToUnit(value: Double, targetUnit: Unit<Double>):
 Double

Yard

- + Yard()
- + convertToUnit(value: Double, targetUnit: Unit<Double>):
 Double

Learn about this template

UML class diagrams map out the structure of a particular system by modeling its classes, attributes, operations, and relationships between objects.

To customize this template:

- Click on any shape and type the information you would like to include.
- Add and arrange class shapes as needed.
- Update cardinality.
 - Click on a line and navigate to the properties bar to adjust the endpoints.
 - Click on a line and hover over the gear icon to add multiplicities.
 - Add additional lines by hovering over a shape and clicking the red dot

UML Class Diagram Tutorials
(Hold Shift + # or Ctrl, then click)

Watch a UML class diagram tutorial



Read about UML class diagrams

Watch Lucidchart basic tutorials