Sequence Diagram

A **Sequence diagram** is an [interaction diagram](https://en.wikipedia.org/wiki/Interaction_diagram) that shows how processes operate with one another and what is their order. It is a construct of a [Message Sequence Chart](https://en.wikipedia.org/wiki/Message_Sequence_Chart). A sequence diagram shows object interactions arranged in time sequence. It depicts the objects and classes involved in the scenario and the sequence of messages exchanged between the objects needed to carry out the functionality of the scenario. (Wikipedia)

A Sequence Diagram is made up of participants. Each participant will fit somewhere in the sequence and is affected by the order it is in the sequence as well.

Because a sequence diagram focuses on the order of events, time is an important factor that must be tracked in a diagram like that.

A common interaction in a sequence diagram is the sending and receiving of messages.

Example:

