A first tour in concurrency: design, models and practice

Lecture 1 - Foundations

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December 3, 2019
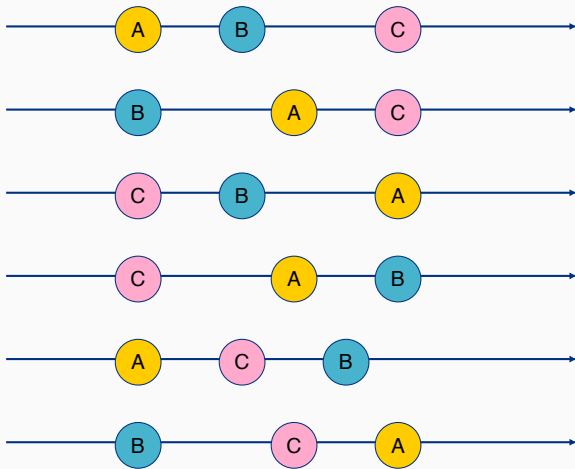
Agenda

Core principles

Sequential

Two distinct events *a* and *b* are said to be *sequential* whenever there exists a "*happens before*" relationship between them. The "happens before" relationship between the two will be denoted by $a \rightarrow b$.

Sequential

Two distinct events a and b are said to be *concurrent* whenever $a \rightarrow b$ and $b \rightarrow a$ are both false.

Foundations of kotlin concurrency