













What Does the Name Mean?	Our Simplifying Assumptions Imply Discrete Time
A " flip-flop " stores one bit, and changes value once each clock cycle . A " D flip-flop " accepts the bit to store using a D(ata) input . " Positive-edge-triggered " means that the flip-flop's value changes on the rising edge (low to high) of the clock signal.	So what does our use of flip-flops and ignoring clock skew imply? Discrete time! Time is an integer. Each clock cycle is one unit of time. Flip-flops copy their D inputs to their Q outputs on the rising edge of the clock. Between integer values of time, we assume that nothing changes.
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