Link: <http://www.studytonight.com/operating-system/cpu-scheduling>

After Topic CPU Scheduling add a new topic

**Dispatcher:**

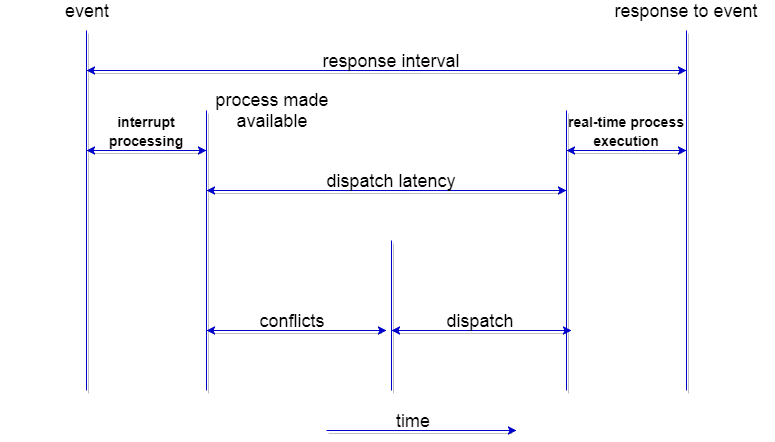
Another component involved in the CPU scheduling function is the **dispatcher.**

The dispatcher is the module that gives control of the CPU to the process selected by the **short-term scheduler**. This function involves:

* Switching context
* Switching to user mode
* Jumping to the proper location in the user program to restart that program

The dispatcher should be as fast as possible, given that it is invoked during every process switch. The time it takes for the dispatcher to stop one process and start another running is known as the **dispatch latency.**

**Dispatch Latency can be explained using the below figure:**

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