

Save your hundred of key strokes with Vim 8.0 feature

A few months ago, Vim 8.0 is released and it was a major release in last ten years. It is pretty significant. There are many new features are added in the release, one of them is called **timer** which is like a stopwatch in your phone.

Technically specking, **timer** is similar to event handler in *C#* or event listener in Java, except that it is much easier to use.

- A function is subscribed in event queue.
- The function is trigged by a specific event.

Another Analogy

- You **join** the line to wait for ordering you Caramel Macchiato in Starbucks
- You **order** your Caramel Macchiato in a specific time.

There are two important functions for timer.

- `timer.start()` which starts the timer and call a function in specific time
- `timer.stop()` which stops the timer immediately

Example 1 *If you want to write a function to save your current buffer in every 2 seconds, you can do it in one line with Vim script.*

```
func! SaveFile(timer)
  silent! :w!
endfunc
```

timer A variable is initialized by `timer.start()`

silent Execute silently. Normal message will not be given or added to the message history. when `!` is added, error message will also be skipped.

The **SaveFile** function is surprisedly simple but extremely useful because you don't need to constantly press a key to save your file when you edit a file.

```
let timer = timer_start(2000, 'SaveFile',{ 'repeat':-1})
func! SaveFile(timer)
  silent! :w!
endfunc
```

enjoy your Vim 8 feature!