



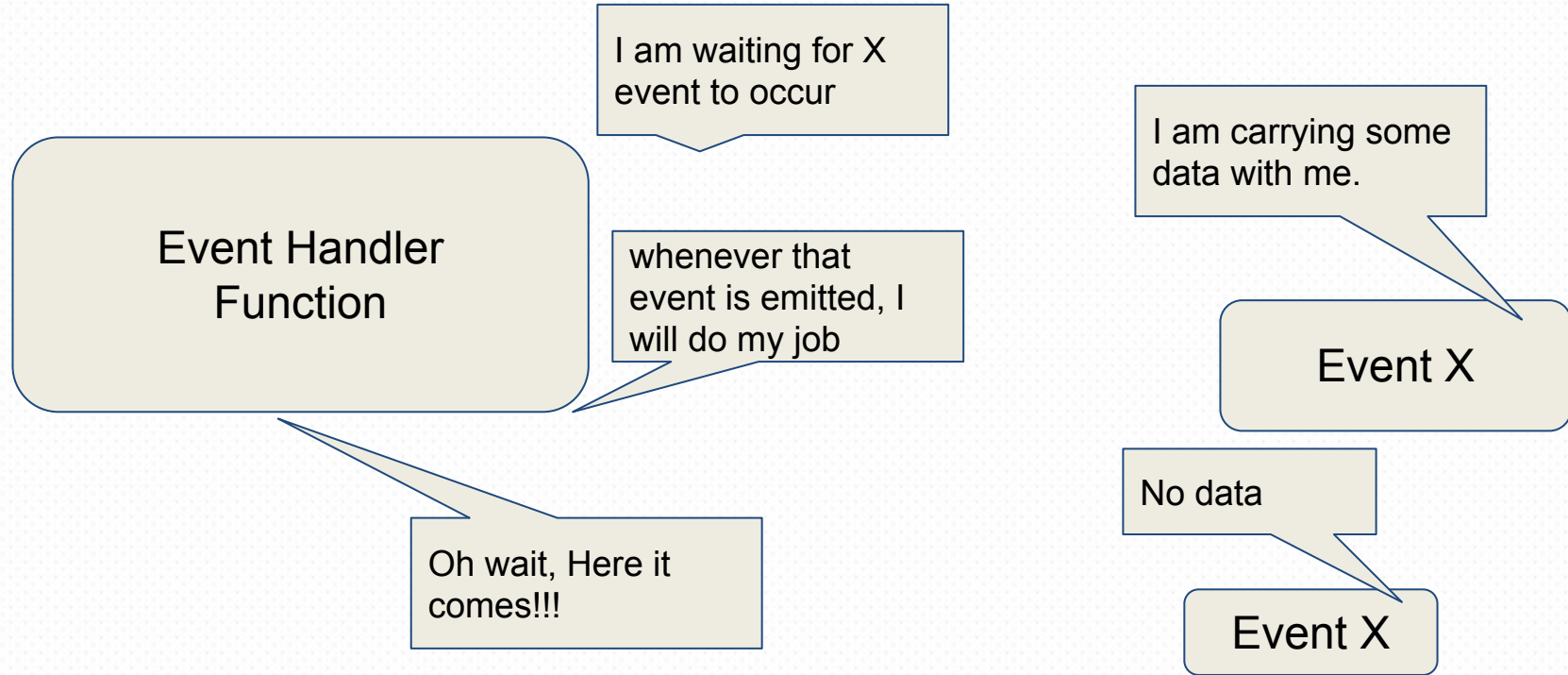
# NodeJS events

- Aditya Kumar  
Chief Technology Officer, [edvisor.com](https://edvisor.com)

# We will cover with the following concepts

- 1) Concept of Event driven programming
- 2) Events in nodejs
- 3) Common use cases

# Wait for an Event to Happen



**If this event happens, Do the action defined in the event listener**

# Event driven programming is not new

- It has been understood since 1970s
- Today's browser largely are based on event based programming - onClick, onKeyUp, onKeyDown, onMouseOver
- NodeJS has a core class called EventEmitter which helps nodejs core and most of its modules to get the event driven behaviour
- We already know that NodeJS core API is based on an asynchronous event-driven architecture in which certain kind of object called event emitters periodically emit events which cause the listener object to be called.

**Let check out the code for same!**

# Imagine the real life applications of this process

- Any kind of task that can be delegated or delayed a bit can be triggered in form of an event.
- Welcome email is just one example.

**Let check out the code for same!**

# The next steps are ...

Introduction to Sockets