

Setting Up an Event Listener for the Event Manager

1. Write a function with the prototype `void function(const EventInterface &event)`

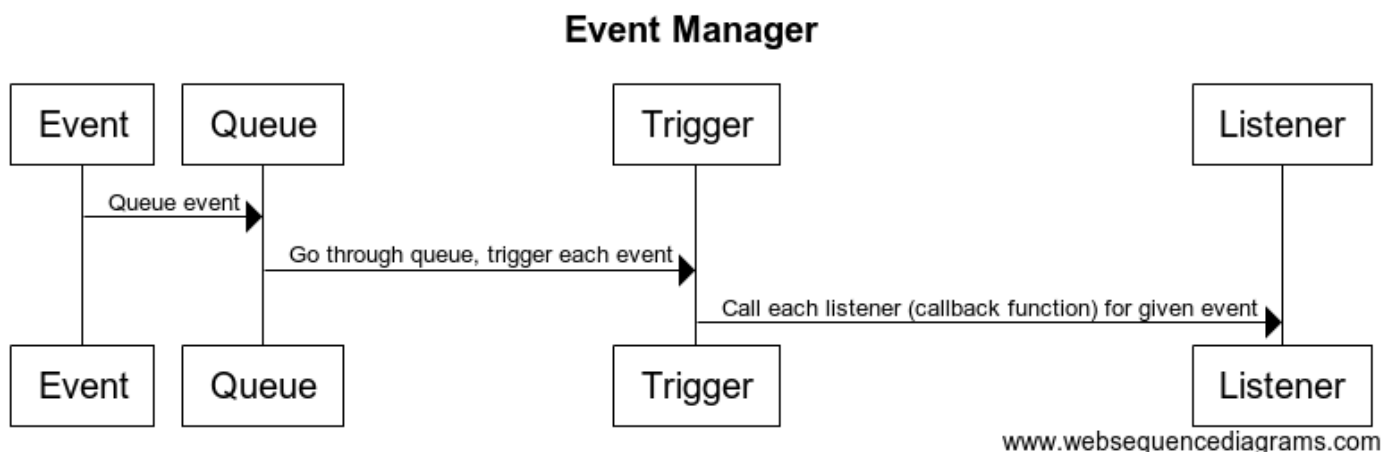
Ex:

```
void Class::function(const EventInterface &event) {  
    // Do something  
}
```

2. Create a callback function in the class that subscribes to an event.

```
void Title::setListener(EventManager *eventManager) {  
    // Create function for listener. Add to event manager.  
  
    // Creates callback function with wrapper name titleScreen  
    std::function<void(const EventInterface &event)> titleScreen =  
        std::bind(&Title::update, this, std::placeholders::_1);  
  
    // Creates listener with wrapper and id number (used for debugging).  
    Alternately: EventListener(titleScreen)  
    const EventListener m_listener = EventListener(titleScreen, 1);  
  
    // Add listener and subscribed event type  
    eventManager->addListener(m_listener, EventType::sfmlEvent);  
}
```

Event Manager Sequence Diagram



Event Manager Class Diagram

