

## **ABSTRACT OF THE DISCLOSURE**

There is included a method and apparatus comprising computer code configured to cause a processor or processors to perform obtaining media data, generating, from the media data, one or more event segments, appending the one or more event segments, to a first event processing buffer, the one or more event segments comprising an event start offset for each of the one or more event segments based on a time at which the each of the one or more event segments is appended to the first event processing buffer, appending the one or more event segments, to a second event processing buffer, the one or more event segments comprising event dispatch information for the each of the one or more event segments, and dispatching the one or more event segments based on the first event processing buffer and the event dispatch information in the second event processing buffer.