What is Claimed is:

1. A method performed by at least one processor, the method comprising:

obtaining an event message track configured to be processed by a Dynamic Adaptive Streaming over HyperText Transfer Protocol (DASH) client for displaying media content, wherein the event message track corresponds to a plurality of events comprising one or more of Media Presentation Description (MPD) events, inband events, timed metadata, Common Media Application Format (CMAF) events, and DASH events;

obtaining a scheme identifier box identifying one or more event schemes that appear in the event message track, wherein each event scheme of the one or more event schemes specifies at least one parameter for processing an event among the plurality of events included in the event message track, wherein the scheme identifier box includes a syntax element specifying an integer value representing a number of the one or more event schemes which are identified in the scheme identifier box; and

providing the event message track to the DASH client or displaying media content based on the event message track according to the one or more event schemes.

2. The method of claim 1, wherein the scheme identifier box is included in a track header of the event message track.

3. The method of claim 1, wherein the scheme identifier box includes a uniform resource identifier which declares at least one from among an identifier of the each event scheme, or an identifier of a naming scheme corresponding to the each event scheme.

4. The method of claim 3, wherein, based on the uniform resource identifier declaring the naming scheme, the scheme identifier box further includes a corresponding value indicating a name of a respective event scheme from among one or more names of the naming scheme.

5. The method of claim 1, wherein the scheme identifier box includes a corresponding flag indicating whether a respective event scheme occurs at least once in the event message track.

6. The method of claim 1, wherein the scheme identifier box includes a flag indicating whether schemes that are not identified in the scheme identifier box are allowed to occur in the event message track.

7. A device comprising:

at least one memory storing program code; and

at least one processor configured to read the program code and operate as instructed by the program code, the program code including:

first obtaining code configured to cause the at least one processor to obtain an event message track configured to be processed by a Dynamic Adaptive Streaming over HyperText Transfer Protocol (DASH) client for displaying media content, wherein the event message track corresponds to a plurality of events comprising one or more of Media Presentation Description (MPD) events, inband events, timed metadata, Common Media Application Format (CMAF) events, and DASH events;

second obtaining code configured to cause the at least one processor to obtain a scheme identifier box identifying one or more event schemes that appear in the event message

track, wherein each event scheme of the one or more event schemes specifies at least one parameter for processing an event included in the event message track among the plurality of events included in the event message track, wherein the scheme identifier box includes a syntax element specifying an integer value representing a number of the one or more event schemes which are identified in the scheme identifier box; and

providing code configured to cause the at least one processor to provide the event message track to the DASH client or display media content based on the event message track according to the one or more event schemes.

8. The device of claim 7, wherein the scheme identifier box is included in a track header of the event message track.

9. The device of claim 7, wherein the scheme identifier box includes a uniform resource identifier which declares at least one from among an identifier of the each event scheme, or an identifier of a naming scheme corresponding to the each event scheme.

10. The device of claim 9, wherein, based on the uniform resource identifier declaring the naming scheme, the scheme identifier box further includes a corresponding value indicating a name of a respective event scheme from among one or more names of the naming scheme.

11. The device of claim 7, wherein the scheme identifier box includes a corresponding flag indicating whether a respective event scheme occurs at least once in the event message track.

12. The device of claim 7, wherein the scheme identifier box includes a flag indicating whether schemes that are not identified in the scheme identifier box are allowed to occur in the event message track.

13. A non-transitory computer-readable medium storing instructions that, when executed by at least one processor, cause the at least one processor to:

obtain an event message track configured to be processed by a Dynamic Adaptive Streaming over HyperText Transfer Protocol (DASH) client for displaying media content, wherein the event message track corresponds to a plurality of events comprising one or more of Media Presentation Description (MPD) events, inband events, timed metadata, Common Media Application Format (CMAF) events, and DASH events;

obtain a scheme identifier box identifying one or more event schemes that appear in the event message track, wherein each event scheme of the one or more event schemes specifies at least one parameter for processing an event included in the event message track among the plurality of events included in the event message track, wherein the scheme identifier box includes a syntax element specifying an integer value representing a number of the one or more event schemes which are identified in the scheme identifier box; and

provide the event message track to the DASH client or displaying media content based on the event message track according to the one or more event schemes.

14. The non-transitory computer-readable medium of claim 13, wherein the scheme identifier box includes a uniform resource identifier which declares at least one from among an identifier of the each event scheme, or an identifier of a naming scheme corresponding to the each event scheme.

15. The non-transitory computer-readable medium of claim 14, wherein, based on the uniform resource identifier declaring the naming scheme, the scheme identifier box further includes a corresponding value indicating a name of a respective event scheme from among one or more names of the naming scheme.

16. The non-transitory computer-readable medium of claim 13, wherein the scheme identifier box includes a corresponding flag indicating whether a respective event scheme occurs at least once in the event message track.

17. The non-transitory computer-readable medium of claim 13, wherein the scheme identifier box includes a flag indicating whether schemes that are not identified in the scheme identifier box are allowed to occur in the event message track.