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Coding of audio, picture, multimedia and hypermedia information
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**INTERNATIONAL ORGANISATION FOR STANDARDISATION
ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC1/SC29/WG11
CODING OF MOVING PICTURES AND AUDIO**

ISO/IEC JTC1/SC29/WG11 MPEG2017/N17457
January 2018, Gwangju, KR

Title LS on Web Resources and Advance Signaling in MPEG
Author Convener
To: 3GPP SA4

ISO/IEC SC29 WG11 (MPEG) is in the process to develop specifications and guidelines to support the integration of MPEG media in web environments. In this context, we have among others two specific topics on which we would like to inform you and ask for comments and feedback.

- 1) At MPEG#121 we issue the CD of “ISO/IEC 23001-15: Carriage of Web Resource in ISO/BMFF” (N17417, to be available after 02/23) which defines how to carry web resources in the ISO Base Media File Format (ISO/IEC 14496-12, or “ISO/BMFF”) and enables timed updates and synchronization with other media streams carried in the ISO BMFF container. This enables the storage and delivery of synchronized media and web resources as supported by the file format including applications such as file download, progressive file download, streaming, broadcast, etc.
- 2) As part of an exploratory work, MPEG also collected information on advance signaling of MPEG media and containers in web communication environments (N17422). Such signaling is typically needed for capability discovery and negotiation as well as for the establishment of Media Source Buffers when consuming streamed media in browsers and other media pipelines. The document collects current status as well as considerations for improvements.

On both topics, MPEG is interested in getting your feedback in order to better support consumption of advanced media formats in web and browser environments.

Reference:

WG 11 N 17422

Advance signaling of MPEG containers content

http://wg11.sc29.org/doc_end_user/documents/121_Gwangju/wg11/w17422.zip