

From: Sandy (Alexander) MacInnis <macinnis@broadcom.com>
Sent: Friday, September 27, 2002 12:05 AM
To: Wu, Ping; 'Wang Limin-MGI1525'; 'Sherman Chen'; 'Aharon Gill'; Gary Sullivan; Jvt-Experts
Subject: [jvt-experts] Re: Interlace feature to progressive sequences.

Dear Ping,

One comment I'd like to make (it follows on to Aharon's comments on this same thread):

At 02:34 AM 9/26/2002, Wu, Ping wrote:

>Dear all,

>

>Thank you all for the comments. Now I am trying to summarize in case it

>may be beneficial to some of you:

...

>(5) If we have progressive sequences and we also have interlaced

>display (materials from United States but display in UK, for example),

>people can choose not to flag "progressive scan" and in that case AVC

>interlaced features can be applied to the progressive sequences in

>real application (progressive materials are not modified at all, just

>treat them as two fields at the same instant in time).

...

I don't believe we should suggest to people that they should encode progressive content as if it were interlaced content with the intention of facilitating conversion to interlaced displays of either the same or different frame rate. It would be more helpful to decoders and format converters to indicate accurately when the content is truly progressive, and let the decoder and/or format converter handle the conversion for display.

--Sandy

The use of the jvt-experts list is intended only for the video coding standardization work conducted by the Joint Video Team (JVT) of ISO/IEC JTC1/SC29/WG11 (MPEG) and ITU-T SG16 Q.6 (VCEG).

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