

From: List, Peter <Peter.List@t-systems.com>
Sent: Thursday, October 10, 2002 6:17 PM
Cc: jvt-experts@mail.imtc.org
Subject: [jvt-experts] AW: Errors in CAVLC descriptopn!?

>
> > 9.1.6.1.1 says: When finding the block above and to the
> > left for a block of Intra16x16 DC coefficients, the location of the
> > block is assumed to be (0,0), i.e. the upper left corner of the
> > macroblock. what is done in the software: it is used block 10 of the
> > block above and block 5 of the block to the left (numbers as in
> > figure 9-1). This makes sense! So, I would say the description is
> > wrong in this place.
>
> I think the description is correct, and matches the software, but may
> need clarification, since it can be misunderstood. When the location
> of the *current* block is (0,0), the nearest neighbor above is indeed
> block 10, and on the left side it is block 5. (both in Fig 9.1).
> Would it be enough to insert the word "current" in the FCD paragraph?

Yes!

>
> Ah, this was discussed, and we decided on a resolution, but it was not
> on the reflector. I will forward the mail with the resolution,
> and the FCD updates. Basically we decided the sign should be flipped
> in the description, to match the other VLCs, and a textual description
> of VLC0 decoding added.
>
> Do these answer your questions?

Yes, I am satisfied.

May I ask in general: please do not forget to communicate these things.
You never know who might be interested!

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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