

From: imoccaga@mhbs.lsil.com on behalf of iole moccagatta <imoccaga@lsil.com>
Sent: Wednesday, August 14, 2002 2:40 AM
To: karl lillevold
Cc: imoccaga@lsil.com; JVT experts
Subject: [jvt-experts] Re: JVT ref. sw. 4.0c: two questions

Karl, Experts,

karl lillevold wrote:

> Let me try to answer the CAVLC question. With a couple of exceptions,
> it does. I ran simulations for the standard test sequences and found
> the results to be as expected. I also tested B frames, slices, and all
> bitstream modes without finding any problems.
>

Thanks for the clarification. This is a very good news.

>
> There are many combinations of options, and since everything was so
> hectic, there are a couple of known problems.
>
> 1) ABT and CAVLC. In 4.0c the use of ABT effectively disables CAVLC
> completely. I am working on this, and ABT should only disable CAVLC
> and use UVLC for 8x8, 8x4, and 4x8 block sizes (Intra and/or Inter,
> depending on selected ABT mode).
>

I guess I miss this part. Where in the FCD is this specified ?

>
> 2) Karsten found a problem with an illegal memory access for
> interlaced content decoding and CAVLC. I just fixed that and sent it
> back to him. Let me know if you would like the same fix.
>

Yes, please, send me the fix. I assume that the adaptive frame/field coding (frame level only) and CAVLC work properly. Is this right? And, should I assume the same for CABAC?

>
> If any other problems with option combinations or mismatches with the
> FCD are found, please let me know as soon as possible.
>

I will.

Best,

Iole

--

```
=====
=   Iole Moccagatta, Ph.D.                               =
=                                                         =
=   LSI Logic           e-mail: iole.moccagatta@lsil.com =
=   1778 McCarthy Blvd.   Phone: +1.408.954-3101      =
=   Milpitas CA 95035     Fax:  +1.408.954-3599       =
=   WWW: http://www.lsillogic.com                     =
=                                                         =
=                                                         =
=   "Spatium...ultima confinia.... Haec sunt itinera astranavis      =
=   Incepti. Huic missio quinque annorum: explorare mundos alienos novos, =
=   petere vitam novam novosque cultus, ire fortiter quo nemo iverit    =
=   ante."                                                =
=                                                         =
=====
```

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).

You are currently subscribed to jvt-experts as: suehring@hhi.de To unsubscribe send a blank email to leave-jvt-experts-12909W@mail.imtc.org