From: Karsten Suehring <suehring@hhi.de>
Sent: Wednesday, September 18, 2002 5:32 PM
To: JVT experts
Subject: Software Implementation Status / New JM Reference Software
Attachments: FCD_software_impl_schedule_r4.zip

Dear experts,

1) New JM Refeference Software JM 4.2

I uploaded a new version of the JM Reference Software jm42.zip to
my homepage at http://bs.hhi.de/~suehring/tml/download/
and the JVT FTP Server dropbox.

The changelog is attached at the end of this Mail.

Note: This is the first JM version in which MB Adaptive frame/field
performs better than frame adaptive frame/field.

2) Implementation Schedule Revised (R4)

I had to stop the software implementation for a bug fixing period.
The number of known problems was cumulating too much that these
could be fixed in parallel development.

Therefore the software implementation schedule had to be revised
again. The new schedule is attached.

Best regards,
Karsten

Changelog JM4.2
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Changes for Version JM 4.2 to JM 4.1c

New features
* Spatial Direct Prediction for MB AFF (AT)

Bug Fixes
* align simplified intra prediction to text (AH)
* fix simplified intra prediction for mb aff (AH)
* fix spatial direct (YK)
* fix temporal direct (YK)
* MB AFF fixes (LW,RG)

Cleanups
* clean up decode_one_slice (KS)
* removed commented out code (KS)

Nokia Exhibit 2225
Amazon.com, Inc., et al. v. Nokia Technologies OY
IPR2024-00572, U.S. Patent No. 7,724,818
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Changes for Version JM 4.1c to JM 4.1b

New features
* Implicit bi-predictive weighting (YK)

Bug Fixes
* MAX_QP define (AJ)

Changes for Version JM 4.1b to JM 4.1a

New features
* Simplification of Intra Prediction (AH)

Cleanups
* also always enable EncapsulatedNALPayload at the decoder (KS)
* reference frame check AFF fix (AT)

Changes for Version JM 4.1a to JM 4.1

New features
* Spatial Direct Prediction (AT)
  Note: Spatial Direct Currently disabled for MB-AFF

Bug Fixes
* SP chroma bug fixed (XS)
  Removed SP Switch flag from SI encoding (AT)
  Corrected readSyntaxElement_fixed (AT)
* close reconstruction file only if opened (LWi)
* MB AFF fixes (AT)

Cleanups
* remove double scan routines (KS)
* always enable EncapsulatedNALPayload (KS)

Changes for Version JM 4.1 to JM 4.0d

New features
* macroblock adaptive frame/field (LW)

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