

From: Jani.Lainema@nokia.com
Sent: Tuesday, October 1, 2002 4:38 PM
To: koufum@isl.melco.co.jp
Cc: aluthra@motorola.com; Ulrich.Benzler@de.bosch.com; jvt-experts@mail.imtc.org
Subject: [jvt-experts] RE: Special position + MC memory analysis adhoc group

Fine with me.

Jani

> -----Original Message-----
> From: ext Shun-ichi Sekiguchi [mailto:koufum@isl.melco.co.jp]
> Sent: Tuesday, October 01, 2002 4:50 AM
> To: Lainema Jani (NRC/Dallas)
> Cc: aluthra@motorola.com; Ulrich.Benzler@de.bosch.com;
> jvt-experts@mail.imtc.org
> Subject: Re: [jvt-experts] RE: Special position + MC memory analysis
> adhoc group
>
>
> Dear Jani, Ajay, experts,
>
> I agree with Jani's proposal.
>
> And I would propose that ONLY Canoa is encoded using ABT.
> (for both IPPP and IBBP cases)
>
> I would strongly request to be ABT OFF for Bus since this is a
> significant change to the test condition at the very late stage. Even
> for Canoa, we need 10 simulations including anchor. (5 Qp cases x 2)
>
> How about this, Ajay?
>
> Best regards,
> Shun-ichi Sekiguchi
>
> Jani.Lainema@nokia.com wrote:
>
> > Hi,
> >
> > Sorry but I need to make one last proposal. I am trying to
> run the HHR sequences and this takes literally ages. Why don't we drop
> the number of reference frames to 1. I believe this will not have any
> effect on the outcome of these experiments.
> >
> > BR,
> >
> > Jani

>>

>>> -----Original Message-----

>>> From: ext Luthra Ajay-MGI1164 [mailto:aluthra@motorola.com]

>>> Sent: Monday, September 30, 2002 11:04 AM

>>> To: Lainema Jani (NRC/Dallas); koufum@isl.melco.co.jp

>>> Cc: Ulrich.Benzler@de.bosch.com; jvt-experts@mail.imtc.org

>>> Subject: [jvt-experts] RE: Special position + MC memory analysis

>>> adho c group

>>>

>>>

>>> OK. Let us go for it. Thanks.

>>>

>>> Regards,

>>> Ajay

>>>

>>>> -----Original Message-----

>>>> From: Jani.Lainema@nokia.com [mailto:Jani.Lainema@nokia.com]

>>>> Sent: Monday, September 30, 2002 8:36 AM

>>>> To: Ajay Luthra; koufum@isl.melco.co.jp

>>>> Cc: Ulrich.Benzler@de.bosch.com; jvt-experts@mail.imtc.org

>>>> Subject: [jvt-experts] RE: Special position + MC memory analysis

>>>> adho c group

>>>>

>>>>

>>>> How about using ABT just for Inter in all the HHR cases (-p

>>>> AdaptiveBlockTransforms = 1) and disabling it completely for CIF

>>>> and QCIF. Using Intra ABT seems to almost double the encoding

>>>> time.. But with Inter only it is relatively close to the

>>>> 'baseline' encoding times.

>>>>

>>>> BR,

>>>>

>>>> Jani

>>>>

>>>>> -----Original Message-----

>>>>> From: ext Luthra Ajay-MGI1164 [mailto:aluthra@motorola.com]

>>>>> Sent: Monday, September 30, 2002 10:28 AM

>>>>> To: 'Shun-ichi Sekiguchi'

>>>>> Cc: Lainema Jani (NRC/Dallas); Ulrich.Benzler@de.bosch.com;

>>>>> jvt-experts@mail.imtc.org

>>>>> Subject: RE: [jvt-experts] RE: Special position + MC

>>>>> memory analysis

>>>>> adho c group

>>>>>

>>>>>

>>>>> That sounds reasonable. However, I would suggest to leave ABT

>>>>> ON for both HHR sequences for IBBP... configuration. ABT has

>>>>> shown significant gains (objective and subjective) for Canoa.

>>>>> For Canoa I would suggest to leave ABT ON also for IPPP...

>>>>> configuration.

>>>>>

>>>>> Regards,

>>>> Ajay
>>>>
>>>>> -----Original Message-----
>>>>> From: Shun-ichi Sekiguchi [mailto:koufum@isl.melco.co.jp]
>>>>> Sent: Sunday, September 29, 2002 6:26 PM
>>>>> To: Luthra Ajay-MGI1164
>>>>> Cc: Jani.Lainema@nokia.com; Ulrich.Benzler@de.bosch.com;
>>>>> jvt-experts@mail.imtc.org
>>>>> Subject: Re: [jvt-experts] RE: Special position + MC
>>>> memory analysis
>>>>> adho c group
>>>>>
>>>>>
>>>>> Dear Ajay, experts,
>>>>>
>>>>> Luthra Ajay-MGI1164 <aluthra@motorola.com> wrote:
>>>>>
>>>>>> Yes, let us keep the original common conditions and for
>>>>>> B-frames run at the full (30/25 Hz) rate. With
> regard to ABT,
>>>>>> as ABT is in a way tied to MC block sizes, it may
> be good to
>>>>>> know if different MC approaches will have any
> impact on ABT's
>>>>>> performance and keep ABT ON.
>>>>>>
>>>>>> Do you mean we shall turn on ABT for all cases?
>>>>>> I don't see any reason why we need the evaluation
> of ABT for
>>>>>> QCIF/CIF cases. If we need such evaluation for HHR, I would
>>>>>> like to propose only one "mandatory" ABT simulation.(for
>>>>>> example, only for "Bus using B-frames")
>>>>>>
>>>>>> Best regards,
>>>>>> Shun-ichi Sekiguchi
>>>>>>
>>>>>>>
>>>>>>> Ajay
>>>>>>>
>>>>>>>> -----Original Message-----
>>>>>>>> From: Jani.Lainema@nokia.com
> [mailto:Jani.Lainema@nokia.com]
>>>>>>>> Sent: Friday, September 27, 2002 11:39 AM
>>>>>>>> To: Ulrich.Benzler@de.bosch.com; Ajay Luthra;
>>>>>>>> jvt-experts@mail.imtc.org
>>>>>>>> Subject: RE: [jvt-experts] RE: Special position + MC
>>>>>>>> memory analysis
>>>>>>>> adho c group
>>>>>>>>
>>>>>>>>
>>>>>>>> Hi Ulrich, Ajay, All,
>>>>>>>>

>>>>>> I too like the idea of switching off the ABT for this
>>>>>> experiment. For the frame rate issue I would
>>> propose to keep
>>>>>> the original common condition frame rates for the
>>> IPPP cases.
>>>>>> For IBBP we could just run everything at 30 Hz.
> I believe
>>>>>> this is more realistic B-picture usage scenario.
>>>>>>
>>>>>> And one question for clarification: Does the
> 32x32 search
>>>>>> range mean +-16 search range, or +-32 as in common
>>> conditions?
>>>>>>
>>>>>> BR,
>>>>>>
>>>>>> Jani
>>>>>>
>>>>>>> -----Original Message-----
>>>>>>> From: ext Benzler Ulrich (FV/SLM) *
>>>>>>> [mailto:Ulrich.Benzler@de.bosch.com]
>>>>>>> Sent: Monday, September 23, 2002 11:20 AM
>>>>>>> To: 'Luthra Ajay-MGI1164'; 'jvt-experts@mail.imtc.org'
>>>>>>> Subject: [jvt-experts] RE: Special position +
> MC memory
>>>>>>> analysis adho c
>>>>>>> group
>>>>>>>
>>>>>>>
>>>>>>> ...and I would propose to switch off ABT for
> the sake of
>>>>>>> simulation time (it
>>>>>>> shouldn't make a difference for the things we
>>> want to show).
>>>>>>>
>>>>>>> Best regards,
>>>>>>>
>>>>>>> Ulrich
>>>>>>>
>>>>>>>> -----Original Message-----
>>>>>>>> From: Benzler Ulrich (FV/SLM) *
>>>>>>>> [mailto:Ulrich.Benzler@de.bosch.com]
>>>>>>>> Sent: Monday, September 23, 2002 5:51 PM
>>>>>>>> To: 'Luthra Ajay-MGI1164';
> 'jvt-experts@mail.imtc.org'
>>>>>>>> Subject: [jvt-experts] RE: Special position
> + MC memory
>>>>>>>> analysis adho c
>>>>>>>> group
>>>>>>>>
>>>>>>>>
>>>>>>>>> Dear Ajay, colleagues,

>>>>>>>>>

>>>>>>>>> comparing the test conditions with VCEG-N81, I

>>> found that

>>>>>>>>> there was a

>>>>>>>>> frame_skip=2 for the QCIF's and frame_skip=1 for

>>>>> silent_qcif

>>>>>>>>> and paris_cif.

>>>>>>>>> Sorry I brought this up at such a late

>>>> stage...how does the

>>>>>>>>> group feel about

>>>>>>>>> this?

>>>>>>>>>

>>>>>>>>> Best regards,

>>>>>>>>>

>>>>>>>>> Ulrich

>>>>>>>>>

>>>>>>>>> P.S.: Any information about the display

>>> equipment we will

>>>>>>>>> have in Geneva?

>>>>>>>>>

>>>>>>>>> -----Original Message-----

>>>>>>>>> From: Luthra Ajay-MGI1164

>>> [mailto:aluthra@motorola.com]

>>>>>>>>> Sent: Saturday, September 21, 2002 12:00 AM

>>>>>>>>> To: 'jvt-experts@mail.imtc.org'

>>>>>>>>> Subject: [jvt-experts] RE: Special position +

>>> MC memory

>>>>>>>>> analysis adho c

>>>>>>>>> group

>>>>>>>>>

>>>>>>>>>

>>>>>>>>> Dear Experts,

>>>>>>>>> Attached are the updated test condition

>>> files. Also,

>>>>>>>>> experimenters are welcome to do more tests than

>>>>> specified here.

>>>>>>>>>

>>>>>>>>> Experiments related to D-134 are done by

> the Level

>>>>> Constraint

>>>>>>>>> ad-hoc group and not this group.

>>>>>>>>>

>>>>>>>>> Ajay

>>>>>>>>>

>>>>>>>>>

>>>>>>>>> -----Original Message-----

>>>>>>>>> From: Luthra Ajay-MGI1164

>>>>>>>>> Sent: Thursday, September 19, 2002 1:45 PM

>>>>>>>>> To: jvt-experts@mail.imtc.org

>>>>>>>>> Subject: RE: [jvt-experts] RE: Special

>>> position + MC

>>>>>>>>> memory analysis

>>>>>>>>>> adhoc group
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>> OK. I have not heard any objections. So, let us
>>>>> go with the
>>>>>>>>>> HHR testing method below. I will send the
>>>> updated Test
>>>>>>>>>> Condition files tomorrow. Thanks.
>>>>>>>>>>
>>>>>>>>>> Regards,
>>>>>>>>>>
>>>>>>>>>> Ajay
>>>>>>>>>>
>>>>>>>>>> -----Original Message-----
>>>>>>>>>> From: Jani.Lainema@nokia.com
>>>>>> [mailto:Jani.Lainema@nokia.com]
>>>>>>>>>> Sent: Wednesday, September 18, 2002 7:41 AM
>>>>>>>>>> To: Ajay Luthra; jvt-experts@mail.imtc.org
>>>>>>>>>> Subject: RE: [jvt-experts] RE: Special
>>>> position + MC
>>>>>>>>>> memory analysis
>>>>>>>>>> adhoc group
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>> Hi Ajay, All,
>>>>>>>>>>
>>>>>>>>>> Proposal (i) sounds good. What sounds even
>>>>> better is that
>>>>>>>>>> someone volunteers to create and
> distribute the
>>>>>>> sequences so
>>>>>>>>>> that we all end up with the same
> material... ;)
>>>>>>>>>>
>>>>>>>>>> Best Regards,
>>>>>>>>>>
>>>>>>>>>> Jani
>>>>>>>>>>
>>>>>>>>>> -----Original Message-----
>>>>>>>>>> From: ext Luthra Ajay-MGI1164
>>>>>>> [mailto:aluthra@motorola.com]
>>>>>>>>>> Sent: Tuesday, September 17, 2002 8:44 PM
>>>>>>>>>> To: 'Jvt-Experts \ (E-mail\)
>>>>>>>>>> Subject: [jvt-experts] RE: Special
> position +
>>>>> MC memory
>>>>>>>>>> analysis adhoc
>>>>>>>>>> group
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>> As I was afraid of, issues related to
>>> HHR testing

7

>>>>>>>>>

>>>>>>>>> ---

>>>>>>>>> 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:

>>>>>>>>> ulrich.benzler@de.bosch.com To unsubscribe send a

>>>>>>>>> blank email to %%email.unsub%%

>>>>>>>>>

>>>>>>>>>

>>>>>>>>> ---

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> 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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>>>>>>>>> To unsubscribe send a blank email to %%email.unsub%%

>>>>>>>>>

>>>>>>>>>

>>>>>>>>> ---

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>>>>>> 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:

>>>>>>>>> koufum@isl.melco.co.jp

>>>>>>>>> To unsubscribe send a blank email to

>>>>>>>>> %%email.unsub%%

>>>>>>>>>

>>>>>>>>>

>>>>>>>>>

>>>>>>>>> ---

>>>> 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:

> aluthra@motorola.com

>>>> To unsubscribe send a blank email to %%email.unsub%%

>>>
>>>
>>> ---
>>> 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:
> jani.lainema@nokia.com
>>> To unsubscribe send a blank email to %%email.unsub%%
>>>
>
>

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