
Report of AHG on MVC

m13394

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Activity

- Reflector has over 420 subscribers
- High activity on reflector, more than 30 emails
- AHG meeting on Sunday over 60 participants
- 42 related input documents

Results

To conduct the Core Experiments as described in the CE document

- Done, not all could be finished as expected

Results

To discuss and evaluate the CE results in preparation of the 77th meeting

- Some have been reviewed initially in the Sunday AHG meeting
- Careful review of the available results, drawing the corresponding conclusion and planning of the resulting future work will be the main issues for the week
- Expertise of experts from JVT is necessary to take any further decision

Results

To discuss and evaluate the CE results in preparation of the 77th meeting

- **CE1: view-temporal prediction structures**
- **CE2: illumination compensation**
 - **5 competing proposals, nice gains, some similarities**
- **CE3: view interpolation prediction using depth**
- **CE4: disparity vector prediction**
- **CE6: deblocking filter adaptation for MVC**

Results

To study the “Technology under Study for Buffer Management and High-level Syntax in MVC” document and prepare inputs with comments and improvements for the 77th meeting

- Done
- Convergence is observed, common inputs, wide support

Results

4. To discuss potential needs for standardization beyond MVC

- Done to some extend on reflector
- Input doc for this meeting

Recommendations

The AHG recommends

- to study the results of CEs, in detail during the week

Recommendations

The AHG recommends

- based on this analysis, to decide and plan the further work on MVC

Recommendations

The AHG recommends

- To continue the work on MVC in close collaboration with the JVT

Recommendations

The AHG recommends

- to target
 - Working Draft, Multi-view Video Model (MVM)
- documents version 1.0 as outputs of this meeting.

MVC Tasks

- | | |
|--------------------------------------|------------|
| • Reference HHI proposal | Karsten |
| • CE2: Illumination compensation | Yeping |
| • CE3: View interpolation prediction | Anthony |
| • CE4: Disparity vector prediction | Kimata-san |
| • CE6: Deblocking filter | Yeping |
| • CE1B: Buffer management | Anthony |
| • High-level syntax | Yeping |
| • CE1: Encoder optimization | Aljoscha |
| • New inputs / informative | |
| • Requirements | |