

Telenor H 26L codec
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lcodec4.0 is an implementation of the Telenor H.26L proposal for the Osaka meeting. It consists of C source code for both encoder and a decoder. We have used MS Visual C++, but the source code should be portable to other platforms.

For simplicity we have supplied executable codec in addition to the C source code.

This software is supposed to be according to Test Model Long Term Number 3 (TML3) with the following exceptions:

- Fix 1/4 motion vector accuracy, no adaptive motion accuracy (AMA)
- The new proposed Telenor elements described document Q15J27:
 - Two new intra prediction modi, one removed
 - New loopfilter for all frames, postfilter removed

Usage encoder:

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From DOS command prompt:

lencod <lencod.dat>

For the format of the configuration file, see description in lencod.dat.

During execution, the encoder will produce a log file, a status file and a H.26L bitstream.

Usage decoder:

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From DOS command prompt:

Decoder : ldecod <ldecod.dat>

For the format of the configuration file, see description in ldecod.dat.

During execution, the encoder will produce a log file and a decoded sequence.

Telenor H 26L codec description:

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Document Q15-J-27, input to Osaka.

Notice that the bitstream syntax is NOT compatible with the TML bitstreams.

Files

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Following files and directories are part of ldecode.zip:

lencod/ : dir with source code for the encoder
ldecod/ : dir with source code for the decoder
readme.txt : this description file
disclaimer.txt : disclaimer of warranty
ldecod.exe : executable decoder (release build)
lencod.exe : executable encoder (release build)
lencod.dat : example encoder configuration file
ldecod.dat : example decoder configuration file
foreman5.yuv : test input yuv file for the encoder

Following files are generated during execution(using the given config files):

log.dat : encoder log file, new run are appended
stat.dat : encoder status file for the last run
test.dec : encoder decoded yuv sequence (for debugging)
foreman5.dec : decoder decoded yuv sequence
foreman5.26l : encoder output coded bitstream

Contact for this software

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Contact for Telenor proposed description

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