Muksis project

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Testing report

___.___._____

Tested by:_____

MPlayer version:_____

Environment:_____

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Test cases

Test cases are used to confirm that software works and fullfills the requirements. Test cases can be applied at all phases of testing and the tests will be done with both MPlayer-1.0rc1 and the latest SVN version of MPlayer.

5.1   Black frame detection filter

5.1.1   Detecting commercial breaks and writing EDL files

Description: The black frame detection filter must be able to correctly detect commercial breaks from a video stream and write their starting and ending points to an EDL file. Approximate times of commercial breaks in samples are listed in chapter 6.

Samples for testing: 6.1.1 __   6.1.2 __

Result:

1.   Advertisements were marked correctly.   __   __

5.1.2   Handling PTS reset

Description: The EDL files created by the black frame detection filter must be correct even if there is a PTS reset in a recording.

Samples for testing: No testing material available at the time of writing this document.

Result:

1.   Advertisements were marked correctly despite the PTS reset.   __   __

5.2   MPEG TS seek

5.2.1   Accuracy

Description: To fulfill the requirements, MPEG TS seek must end up within one second ($\pm$ 0.5s) of it's target unless the target is unreachable (beyond EOF for example).

Samples for testing: 6.1.1 __ and 6.1.2 __ for skipping commercials with EDL files. 6.2.1 __, 6.2.3 __ and 6.2.5 __ for testing general functionality by jumping back and forth with the arrow keys.

Result:

1.   MPEG TS seek is accurate enough.   __   __

5.2.2   Stress test

Description: Even multiple seeks within a short period of time must not cause MPlayer to fail. This can be tested with any of the samples by jumping backwards and forwards repeatedly.

Samples for testing: 6.1.1 __   6.1.2 __   6.2.1 __   6.2.3 __

Result:

1.   Repetitive seeking does not cause crashing or freezing.   __   __

5.2.3   Special occasions

Description: MPEG TS seek must be able to handle the following occasions:

- Jump to the beginning when trying to seek backwards over the beginning of the recording.

- Jump to the end when trying to seek over the end of the recording.

- Seek accurately over a PTS reset.

- Seek accurately over starting and ending points of an EDL record.

Samples for testing: 6.1.3 __ for seeking over PTS reset. 6.1.1 __ and 6.1.2 __ for seeking around EDL skips. 6.1.1 __ and 6.2.3 __ for testing the other occasions.

Result:

1. Beginning of file — —
2. End of file — —
3. PTS reset — —
4. EDL skip — —

5.3   DVB subtitles

Description: Subtitles should be visible on all samples listed below.

Samples for testing: 6.2.1 __   6.2.2 __   6.2.3 __   6.2.4 __   6.2.5 __

Result:

1. General functionality — —
2. Visual quality — —
3. Timing — —

Test case: ___ Sample file: _____
Error description:

_____
_____
_____
_____
_____

Tested by: _____
Fixed: __.__.200_, _____

Test case: ___ Sample file: _____
Error description:

_____
_____
_____
_____
_____

Tested by: _____
Fixed: __.__.200_, _____

Test case: ___ Sample file: _____
Error description:

_____
_____
_____
_____
_____

Tested by: _____
Fixed: __.__.200_, _____