

To: Licensees

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R&D
Sony Computer Entertainment Inc.

libpress.lib version 4.1.1

libpress.lib version.4.1.1. will be released. The following malfunctions in libpress.lib version.4.1 have been fixed in this version 4.1.1.

[Symptom]

The decode size obtained using DecDCTBufSize() is not the same as that obtained using DecDCTvlc() nor and DecDCTvlc2(). To be more specific, excess 33 words of memory was overwritten besides the number of words required for decoding.

[Remedy]

Use libpress.lib (version.4.1.1) or libpress.a (version.4.1.1) in which the malfunctions above have been fixed. These are contained in this package.

[Problems Fixed]

Before the problem fix, the buffer size needed for carrying out VLC decoding was as follows:

size	ranlevel DATA	NOP
1word	sizeword	32word

Thus the buffer size required for decoding runlevel by using DecDCTvlc()/DecDCTvlc2() was (DecDCTbufSize() + 33) words.

With the problem fix, unnecessary NOP was deleted and the buffer size required for decoding is:

DecDCTBufSize() + header(1 word) or
(DecDCTBufSize() + 1) words.

[Remarks]

- (1)Note that this modification has not been reflected in library version.4.1 CD-ROM DTL-S2330 which will be distributed in the beginning of November.
- (2)This package contains libpress.lib version.4.1.1 of DOS/V(PC) Use the one you need.

libpress.lib version.4.1.1 DOS/V(PC) version