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YVES / Sereal-Decoder-4.010 / Changes

```

1      Revision history for Perl extension Sereal-Decoder
2
3      *****
4      * Warning: For a seamless upgrade, upgrade to version 4      *
5      *           of the decoder before upgrading to version 4 of the *
6      *           encoder!                                           *
7      *****
8      4.010 Tues February 4, 2020
9          * Update miniz
10         * Update zstd
11         * perltidy perl code to a standard style
12
13      4.009 Fri January 31, 2020
14         * Update ppport.h for modern perls.
15
16      4.008 Thurs Jan 30, 2020
17         * Build fixes for modern perls.
18         * Pod fixes
19
20      4.007 Tues Apr 9, 2019
21         * Tweak docs for looks_like_sereal/scalar_looks_like_sereal
22
23      4.006 Mon Apr 8, 2019
24         * Version bump only
25
26      4.005 Tues Jan 23, 2018
27         * Document and fix decode_from_file()
28
29      4.004 Sun Nov 12
30         * Fix build issues from C++ style comments
31         * Fixup build_requires
32
33      4.003 Sun Nov 12
34         * Fixup Devel::CheckLib usage
35         * Build fixes
36
37      4.002
38         * Full release of Zstandard compression support etc.
39
40      4.001_001 Mon Feb  6 11:13:40 CEST 2017
41         * Sereal v4 release with Zstandard compression support
42         * https://github.com/facebook/zstd
43
44      3.015 Thu Sep  1 20:18:44 CEST 2016
45         * Fix builds under 5.25+
46         * Fix various buffer overrun bugs found using AFL (thanks to dgryski)
47         * Fix issue in decode_from_file()
48
49      3.014 Dec  7 2015
50         * Fix builds under 5.8.9

```

55 or the META files miss stuff.

56

57 3.011 Dec 6 2015

58 * No significant changes. Doc typo fixes, and build tweaks.

59

60 3.010 Dec 1 2015

61 * Build fixes.

62

63 3.009 Nov 30 2015

64 * Re-release 3.008 with updated META files.

65

66 3.008 Nov 27 2015

67 * FIX: Win32 build issues.

68

69 3.007 Nov 26 2015

70 * Build fixes for boxes without any Sereal installed (it seems

71 to be common on certain types of smokers, and not on others).

72 * [ENCODER]: new sort orders added.

73 * Fix incremental parsing of utf8 strings. See

74 <https://rt.cpan.org/Public/Bug/Display.html?id=93892>

75 * Encoder fixes.

76

77 3.006 Nov 14 2015

78 * [DECODER] fix segfaults from heavily corrupted data. Guards

79 against various pathological cases which could cause segfaults

80 fixed. Thanks to Damian Gryski and "fuzzing sereal with afl"

81 for finding these cases.

82 * [ENCODER] Various subtle fixes to how we choose whether to serialize

83 the string or numeric version of a value, in particular to

84 ensure that "00" always round trips as "00", and related issues.

85 Note this fix has correctness and performance consequences. In

86 some cases values that used to be serialized as integers (arguably

87 incorrectly) will be serialized as strings instead, and some code

88 maybe be slower to serialize.

89 NOTE: Some issues related to this subject are not fixable without

90 a protocol change. In particular this change may affect the behavior

91 of code that uses binary logical operators on values serialized

92 with Perl.

93 Thanks to Zefram, Tom, and others for help with this issue.

94 * Fixups for cast warnings under -Wint-to-ptr builds by using

95 using PTR2INT and INT2PTR for casting our objects.

96 * Win32 fixes

97 * Build improvements

98 * Changes to how we generate constants

99

100 3.005 Jan 05 2015

101 * Build improvements related to char signedness being platform

102 dependent.

103

104 3.004 Dec 27 2014

105 * Performance optimizations and other miscellaneous changes.

106 * Build improvements.

107 * Win32 fixes for weakrefs.

108

109 3.003 Oct 19 2014

110 * Niko Tyni fixed the 64-bit big endian Sereal bug! (Yay Niko!)

111 * Sereal::Decoder::Constants will now have a defined \$VERSION

112 * Setup META.yml correctly so that certain dependencies are

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3.002 Aug 20 2014

- * Summary of changes from 3.001 - 3.002
- Introduce "set_readonly" option to decoder
- Introduce "set_readonly_scalars" option to decoder

- * Bug fixes
- Fix assertion fails in DEBUG perls (Brian Fraser)
- Fix segfault with "into" interface when decoding references and strings into the same target SV. See new test t/550_decode_into.t

- * Test Infra Changes
- Split up bulk tests to speed up testing and make it easier to see when a failure is restricted to a specific option.

- * Big-Endian Support
- Improved support for Big-Endian machines. We now build and pass test on Sparc and HP-UX and other platforms with big-endian or strict alignedness requirements. Much thanks to Jarkko Hietaniemi, Gregor Herrmann, and H. Merijn Brand for for their assistance with this.
- We still have issues with s390x (Z/Os) with Sereal. If someone wants to help it would be appreciated.

3.001

- Upgrade to version 3 of the protocol
- * Add Zlib compression support to the protocol
- * Add Zlib support to Encoder/Decoder
- * Add CANONICAL_UNDEF tag to represent PL_sv_undef
- * Change magic header so it is trivial to detect and reject utf8 encoded Sereal packets.
- Change how we serialize variables which have more than one of IOK, NOK, and POK set. In general we favour the numeric form, with the exception of when all three are set when we favour the string form (this is to handle engineering notation like "0E0" where numeric and string equivalence may differ)

Full change history available at <https://github.com/Sereal/Sereal>