JSON Parsing Tests, Full

Appendix to: seriot.ch [Parsing JSON is a Minefield](http://www.seriot.ch/parsing_json.php) http://www.seriot.ch/parsing_json.php
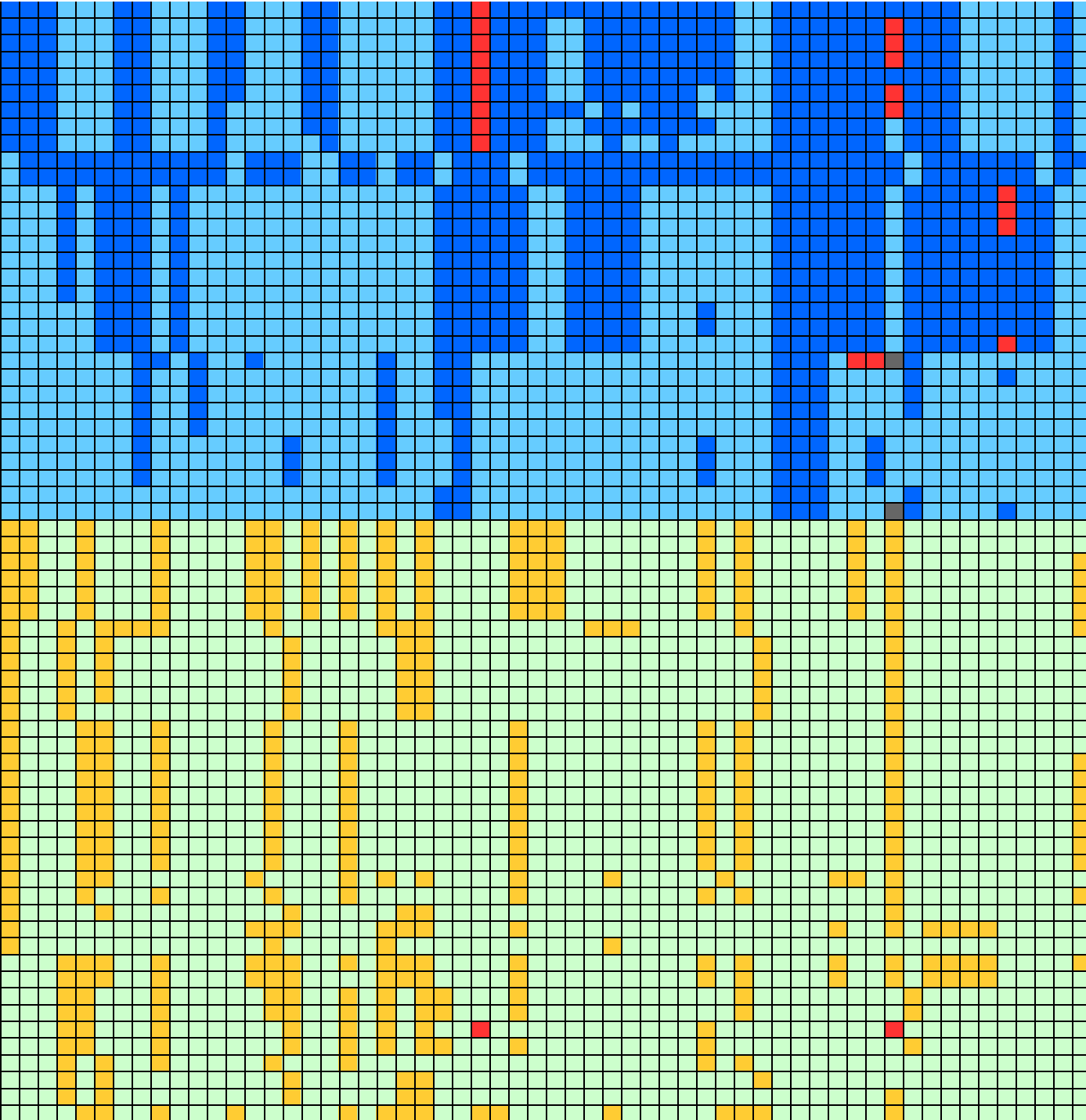
```
2017-03-24 21:48:34
```

Contents

- [Python simplejson 3.10](#)
- [Python ujson 1.35](#)
- [Qt JSON](#)
- [R jsonlite](#)
- [R rjson](#)
- [Ruby](#)
- [Ruby Oj (compat mode)](#)
- [Ruby Oj (strict mode)](#)
- [Ruby Yajl](#)
- [Ruby regex](#)
- [Rust json-rust](#)
- [Rust rustc_serialize::json](#)
- [Rust serde_json](#)
- [Squeak JSON-tonyg](#)
- [Swift Apple JSONSerialization](#)
- [Swift Freddy 2.1.0](#)
- [Swift Freddy 20160830](#)
- [Swift Freddy 20161018](#)
- [Swift Freddy 20170118](#)
- [Swift PMJSON 1.1.0](#)
- [Swift PMJSON 1.2.0](#)
- [Swift PMJSON 1.2.1](#)
- [Swift STJSON](#)
- [Xidel Internet Tools](#)

1. Color scheme:

expected result
parsing should have succeeded but failed
parsing should have failed but succeeded
result undefined, parsing succeeded
result undefined, parsing failed
parser crashed
timeout

2. Full Results

JSON Parsing Tests

Test	Value
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=>
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> ["
i_string_utf16LE_no_BOM.json	[00"00E900"00]00
i_string_utf16BE_no_BOM.json	00[00"00E900"00]
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_number_huge_exp.json	[0.4e006699999999
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_too_big_neg_int.json	[-123123123123123
i_number_too_big_pos_int.json	[100000000000000000
i_number_very_big_negative_int.json	[-237462374673276
i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_real_underflow.json	[123e-10000000]
n_number_-2..json	[-2.]
n_number_real_without_fractional_part.json	[1.]
n_number_0.e1.json	[0.e1]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_multidigit_number_then_00.json	12300 <=> 123
n_string_escape_x.json	["\x00"]
n_string_escaped_emoji.json	["F09F8C80"] <=>
n_string_invalid_backslash_esc.json	["\a"]
n_string_\unicode_CapitalU.json	"\UA66D"
n_string_incomplete_surrogate_escape_invalid.json	["\uD800\uD800\x"]
n_number_0.3e.json	[0.3e]
n_number_1.0e.json	[1.0e]
n_number_0.3e+.json	[0.3e+]
n_number_0_capital_E+.json	[0E+]
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_structure_whitespace_formfeed.json	[0C] <=> []
n_number_9.e+.json	[9.e+]
n_string_backslash_00.json	["\00"] <=> ["\"]
n_string_unescaped_crtl_char.json	["a00a"] <=> ["aa
n_structure_null-byte-outside-string.json	[00] <=> []
n_string_unescaped_tab.json	["09"] <=> [" "]
n_string_unescaped_newline.json	["new0Aline"] <=>
n_array_extra_comma.json	["",]
n_array_number_and_comma.json	[1,]
n_object_pi_in_key_and_trailing_comma.json	{"B9":"0",} <=> {
n_object_trailing_comma.json	{"id":0,}
n_array_just_minus.json	[-]
n_string_invalid_utf8_after_escape.json	["\E5"] <=> ["\"]
n_string_escaped_ctrl_char_tab.json	["\09"] <=> ["\ "
n_object_trailing_comment.json	{"a":"b"}/**/

JSON Parsing Tests

File	Content
n_array_comma_after_close.json	[""],
n_object_with_trailing_garbage.json	{"a":"b"}#
n_structure_array_trailing_garbage.json	[1]x
n_structure_double_array.json	[][]
n_structure_object_with_trailing_garbage.json	{"a": true} "x"
n_string_with_trailing_garbage.json	""x
n_number_-01.json	[-01]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_with_leading_zero.json	[012]
n_number_neg_real_without_int_part.json	[-.123]
n_structure_number_with_trailing_garbage.json	2@
n_array_extra_close.json	["x"]]
n_structure_array_with_extra_array_close.json	[1]]
n_structure_object_followed_by_closing_object.json	{}}
n_structure_trailing_#.json	{"a":"b"}#{}
n_structure_close_unopened_array.json	1]
n_object_single_quote.json	{'a':0}
n_string_single_quote.json	['single quote']
n_number_NaN.json	[NaN]
n_number_infinity.json	[Infinity]
n_number_minus_infinity.json	[-Infinity]
n_structure_capitalized_True.json	[True]
n_number_-1.0..json	[-1.0.]
n_number_0.1.2.json	[0.1.2]
n_number_1eE2.json	[1eE2]
n_number_expression.json	[1+2]
n_number_invalid+-.json	[0e+-1]
n_structure_object_with_comment.json	{"a":/*comment*/"
n_string_single_doublequote.json	"
n_object_trailing_comment_slash_open.json	{"a":"b"}//
n_object_trailing_comment_open.json	{"a":"b"}/**//
n_object_trailing_comment_slash_open_incomplete.json	{"a":"b"}/
n_array_spaces_vertical_tab_formfeed.json	["0Ba"\f] <=> ["ᵟ
n_object_missing_colon.json	{"a" b}
n_object_missing_key.json	{:"b"}
n_string_leading_uescaped_thinspace.json	[\u0020"asd"]
n_string_no_quotes_with_bad_escape.json	[\n]
n_structure_uescaped_LF_before_string.json	[\u000A""]
n_string_single_string_no_double_quotes.json	abc
n_structure_angle_bracket_..json	<.>
n_structure_single_star.json	*
n_array_comma_and_number.json	[,1]
n_array_double_comma.json	[1,,2]
n_array_double_extra_comma.json	["x",,]
n_array_just_comma.json	[,]
n_array_missing_value.json	[, ""]
n_array_number_and_several_commas.json	[1,,]
n_array_star_inside.json	[*]
n_incomplete_false.json	[fals]
n_incomplete_null.json	[nul]
n_incomplete_true.json	[tru]
n_number_++.json	[++1234]
n_number_+Inf.json	[+Inf]
n_number_-NaN.json	[-NaN]
n_number_.-1.json	[.-1]
n_number_Inf.json	[Inf]
n_number_invalid-negative-real.json	[-123.123foo]
n_number_minus_sign_with_trailing_garbage.json	[-foo]
n_number_neg_with_garbage_at_end.json	[-1x]
n_number_real_garbage_after_e.json	[1ea]
n_number_with_alpha.json	[1.2a-3]
n_number_with_alpha_char.json	[1.80116700333765
n_object_bad_value.json	["x", truth]
n_structure_angle_bracket_null.json	[]
n_number_hex_1_digit.json	[0x1]
n_number_hex_2_digits.json	[0x42]
n_object_key_with_single_quotes.json	{key: 'value'}

JSON Parsing Tests

Test file	Content
n_object_unquoted_key.json	{a: "b"}
n_object_non_string_key.json	{1:1}
n_object_non_string_key_but_huge_number_instead.json	{9999E9999:1}
n_number_.2e-3.json	[.2e-3]
n_number_starting_with_dot.json	[.123]
n_number_+1.json	[+1]
n_object_repeated_null_null.json	{null:null,null:n
n_object_double_colon.json	{"x"::"b"}
n_object_several_trailing_commas.json	{"id":0,,,,}
n_object_two_commas_in_a_row.json	{"a":"b",,"c":"d"
n_array_1_true_without_comma.json	[1 true]
n_number_1_000.json	[1 000.0]
n_object_missing_semicolon.json	{"a" "b"}
n_number_minus_space_1.json	[- 1]
n_array_colon_instead_of_comma.json	["": 1]
n_array_items_separated_by_semicolon.json	[1:2]
n_object_comma_instead_of_colon.json	{"x", null}
n_object_garbage_at_end.json	{"a":"a" 123}
n_object_with_single_string.json	{ "foo" : "bar",
n_number_U+FF11_fullwidth_digit_one.json	[EFBC91] <=> [1]
n_string_invalid_unicode_escape.json	["\uqqqq"]
n_structure_ascii-unicode-identifier.json	aC3A5 <=> aå
n_structure_unicode-identifier.json	C3A5 <=> å
n_array_a_invalid_utf8.json	[aE5] <=> [a]
n_number_invalid-utf-8-in-int.json	[0E5]0A <=> [0]
n_structure_U+2060_word_joined.json	[E281A0] <=> []
n_structure_whitespace_U+2060_word_joiner.json	[E281A0] <=> []
n_string_accentuated_char_no_quotes.json	[C3A9] <=> [é]
n_array_invalid_utf8.json	[FF] <=> []
n_number_invalid-utf-8-in-bigger-int.json	[123E5] <=> [123]
n_number_invalid-utf-8-in-exponent.json	[1e1E5] <=> [1e1]
n_number_real_with_invalid_utf8_after_e.json	[1eE5] <=> [1e]
n_structure_lone-invalid-utf-8.json	E5 <=>
n_structure_single_eacute.json	E9 <=>
n_string_1_surrogate_then_escape_u.json	["\uD800\u"]
n_string_incomplete_escaped_character.json	["\u00A"]
n_string_incomplete_surrogate.json	["\uD834\uDd"]
n_string_invalid-utf-8-in-escape.json	["\uE5"] <=> ["\u
n_array_inner_array_no_comma.json	[3[4]]
n_array_incomplete.json	["x"
n_array_unclosed.json	[""
n_array_unclosed_with_new_lines.json	[1,0A10A,1 <=> [1
n_array_unclosed_with_object_inside.json	[{}
n_structure_UTF8_BOM_no_data.json	EFBBBF <=>
n_structure_lone-open-bracket.json	[
n_structure_open_array_comma.json	[,
n_structure_open_array_open_object.json	[{
n_structure_open_array_string.json	["a"
n_structure_unclosed_array.json	[1
n_structure_no_data.json	
n_array_newlines_unclosed.json	["a",0A40A,1, <=>
n_array_unclosed_trailing_comma.json	[1,
n_single_space.json	
y_string_unescaped_char_delete.json	["7F"] <=> ["⌂"]
y_string_with_del_character.json	["a7Fa"] <=> ["a⌂
y_structure_lonely_null.json	null
y_structure_lonely_false.json	false
y_structure_lonely_int.json	42
y_structure_lonely_negative_real.json	-0.1
y_structure_lonely_true.json	true
y_string_space.json	" "
y_structure_lonely_string.json	"asd"
y_structure_string_empty.json	""
y_string_nonCharacterInUTF-8_U+FFFF.json	["EFBFBF"] <=> ["
y_string_nonCharacterInUTF-8_U+10FFFF.json	["F48FBFBF"] <=>
y_string_nonCharacterInUTF-8_U+1FFFF.json	["F09BBFBF"] <=>
y_string_pi.json	["CF80"] <=> ["π"

JSON Parsing Tests

Test file		Expected
y_string_u+2028_line_sep.json		["E280A8"] <=> ["
y_string_u+2029_par_sep.json		["E280A9"] <=> ["
y_string_unicode_2.json		["E28D82E388B4E28
y_string_utf8.json		["E282ACF09D849E"
y_number_0e1.json		[0e1]
y_number_0e+1.json		[0e+1]
y_object_escaped_null_in_key.json		{"foo\u0000bar":
y_string_null_escape.json		["\u0000"]
y_object_long_strings.json		{"x":[{"id": "xxx
y_object_string_unicode.json		{"title":"\u041f\
y_object_duplicated_key.json		{"a":"b","a":"c"}
y_object_duplicated_key_and_value.json		{"a":"b","a":"b"}
y_string_escaped_noncharacter.json		["\uFFFF"]
y_string_last_surrogates_1_and_2.json		["\uDBFF\uDFFF"]
y_string_unicode_U+10FFFE_nonchar.json		["\uDBFF\uDFFE"]
y_string_unicode_U+1FFFE_nonchar.json		["\uD83F\uDFFE"]
y_string_unicode_U+FDD0_nonchar.json		["\uFDD0"]
y_string_unicode_U+FFFE_nonchar.json		["\uFFFE"]
y_array_arraysWithSpaces.json		[[]]
y_array_empty-string.json		[""]
y_array_empty.json		[]
y_array_ending_with_newline.json		["a"]
y_array_false.json		[false]
y_array_heterogeneous.json		[null, 1, "1", {}
y_array_null.json		[null]
y_array_with_1_and_newline.json		[1[0A]] <=> [1]
y_array_with_leading_space.json		[1]
y_array_with_several_null.json		[1,null,null,null
y_array_with_trailing_space.json		[2]
y_number.json		[123e65]
y_number_after_space.json		[4]
y_number_double_close_to_zero.json		[-0.0000000000000
y_number_int_with_exp.json		[20e1]
y_number_minus_zero.json		[-0]
y_number_negative_int.json		[-123]
y_number_negative_one.json		[-1]
y_number_negative_zero.json		[-0]
y_number_real_capital_e.json		[1E22]
y_number_real_exponent.json		[123e45]
y_number_real_fraction_exponent.json		[123.456e78]
y_number_simple_int.json		[123]
y_number_simple_real.json		[123.456789]
y_object.json		{"asd":"sdf", "df
y_object_basic.json		{"asd":"sdf"}
y_object_empty.json		{}
y_object_empty_key.json		{"":0}
y_object_extreme_numbers.json		{ "min": -1.0e+28
y_object_simple.json		{"a":[]}
y_object_with_newlines.json		{[0A]"a": "b"[0A]} <=
y_string_comments.json		["a/*b*/c/*d//e"]
y_string_in_array.json		["asd"]
y_string_in_array_with_leading_space.json		["asd"]
y_string_simple_ascii.json		["asd "]
y_structure_trailing_newline.json		["a"][0A] <=> ["a"]
y_structure_true_in_array.json		[true]
y_structure_whitespace_array.json		[]
y_string_1_2_3_bytes_UTF-8_sequences.json		["\u0060\u012a\u1
y_string_accepted_surrogate_pair.json		["\uD801\udc37"]
y_string_accepted_surrogate_pairs.json		["\ud83d\ude39\ud
y_string_allowed_escapes.json		["\"\\\/\b\f\n\r\
y_string_backslash_and_u_escaped_zero.json		["\\u0000"]
y_string_backslash_doublequotes.json		["\""]
y_string_double_escape_a.json		["\\a"]
y_string_double_escape_n.json		["\\n"]
y_string_escaped_control_character.json		["\u0012"]
y_string_nbsp_uescaped.json		["new\u00A0line"]
y_string_one-byte-utf-8.json		["\u002c"]

```
y_string_surrogates_U+1D11E_MUSICAL_SYMBOL_G_CLEF.json                                   ["\uD834\uDd1e"]
y_string_three-byte-utf-8.json                                                          ["\u0821"]
y_string_two-byte-utf-8.json                                                            ["\u0123"]
y_string_uEscape.json                                                                   ["\u0061\u30af\u3
y_string_uescaped_newline.json                                                          ["new\u000Aline"]
y_string_unicode.json                                                                   ["\uA66D"]
y_string_unicodeEscapedBackslash.json                                                   ["\u005C"]
y_string_unicode_U+200B_ZERO_WIDTH_SPACE.json                                           ["\u200B"]
y_string_unicode_U+2064_invisible_plus.json                                             ["\u2064"]
y_string_unicode_escaped_double_quote.json                                              ["\u0022"]
y_number_real_capital_e_neg_exp.json                                                    [1E-2]
y_number_real_capital_e_pos_exp.json                                                    [1E+2]
y_number_real_neg_exp.json                                                              [1e-2]
y_number_real_pos_exponent.json                                                         [1e+2]
```

3. Results by Parser

Bash JSON.sh 2016-08-12

```
i_number_double_huge_neg_exp.json               [123.456e-789]
i_number_huge_exp.json                          [0.4e006699999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                  [-1e+9999]
i_number_pos_double_huge_exp.json               [1.5e+9999]
i_number_real_neg_overflow.json                 [-123123e100000]
i_number_real_pos_overflow.json                 [123123e100000]
i_number_real_underflow.json                    [123e-10000000]
i_number_too_big_neg_int.json                   [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                   [100000000000000000000000]
i_number_very_big_negative_int.json             [-237462374673276894279832749832(...)
i_object_key_lone_2nd_surrogate.json            {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json     ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                 FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
i_string_iso_latin_1.json                       ["E9"] <=> [""]
i_string_lone_second_surrogate.json             ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json       ["81"] <=> [""]
i_string_not_in_unicode_range.json              ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json         ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json         ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json    ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                    00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
n_multidigit_number_then_00.json                12300 <=> 123
n_number_-2..json                               [-2.]
n_number_0.3e+.json                             [0.3e+]
n_number_0.3e.json                              [0.3e]
n_number_0.e1.json                              [0.e1]
n_number_0_capital_E+.json                      [0E+]
n_number_0_capital_E.json                       [0E]
n_number_0e+.json                               [0e+]
n_number_0e.json                                [0e]
n_number_1.0e+.json                             [1.0e+]
n_number_1.0e-.json                             [1.0e-]
```

```
n_number_1.0e.json                              [1.0e]
n_number_2.e+3.json                             [2.e+3]
n_number_2.e-3.json                             [2.e-3]
n_number_2.e3.json                              [2.e3]
n_number_9.e+.json                              [9.e+]
n_number_real_without_fractional_part.json      [1.]
n_string_backslash_00.json                      ["\00"] <=> ["\"]
n_string_escape_x.json                          ["\x00"]
n_string_escaped_emoji.json                     ["\F09F8C80"] <=> ["\□"]
n_string_incomplete_surrogate_escape_invalid.json  ["\uD800\uD800\x"]
n_string_invalid_backslash_esc.json             ["\a"]
n_string_unescaped_crtl_char.json               ["a00a"] <=> ["aa"]
n_string_unicode_CapitalU.json                  "\UA66D"
n_structure_100000_opening_arrays.json          [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
n_structure_null-byte-outside-string.json       [00] <=> []
n_structure_open_array_object.json              [{"":[{"":[{"":[{"":[{"":[{"":[(...)
n_structure_whitespace_formfeed.json            [0C] <=> []
y_string_unescaped_char_delete.json             ["7F"] <=> ["⬙"]
y_string_with_del_character.json                ["a7Fa"] <=> ["a⬙a"]
```

C JSON Checker

```
i_number_double_huge_neg_exp.json               [123.456e-789]
i_number_huge_exp.json                          [0.4e006699999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                  [-1e+9999]
i_number_pos_double_huge_exp.json               [1.5e+9999]
i_number_real_neg_overflow.json                 [-123123e100000]
i_number_real_pos_overflow.json                 [123123e100000]
i_number_real_underflow.json                    [123e-10000000]
i_number_too_big_neg_int.json                   [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                   [100000000000000000000]
i_number_very_big_negative_int.json             [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json            {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json     ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                 FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json  ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
i_string_iso_latin_1.json                       ["E9"] <=> [""]
i_string_lone_second_surrogate.json             ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json       ["81"] <=> [""]
i_string_not_in_unicode_range.json              ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json         ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json         ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json    ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                    00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
n_number_-2..json                               [-2.]
n_number_0.e1.json                              [0.e1]
n_number_2.e+3.json                             [2.e+3]
n_number_2.e-3.json                             [2.e-3]
n_number_2.e3.json                              [2.e3]
n_number_real_without_fractional_part.json      [1.]
y_number_0e+1.json                              [0e+1]
y_number_0e1.json                               [0e1]
y_string_nonCharacterInUTF-8_U+10FFFF.json      ["F48FBFBF"] <=> ["􏿿"]
```

```
y_string_nonCharacterInUTF-8_U+1FFFF.json       ["F09BBFBF"] <=> ["􀿿"]
y_string_nonCharacterInUTF-8_U+FFFF.json        ["EFBFBF"] <=> ["􀿿"]
y_string_pi.json                                ["CF80"] <=> ["π"]
y_string_space.json                             " "
y_string_u+2028_line_sep.json                   ["E280A8"] <=> ["􀀀"]
y_string_u+2029_par_sep.json                    ["E280A9"] <=> ["􀀀"]
y_string_unicode_2.json                         ["E28D82E388B4E28D82"] <=> ["􀀀􀀀"]
y_string_utf8.json                              ["E282ACF09D849E"] <=> ["€𝄞"]
y_structure_lonely_false.json                   false
y_structure_lonely_int.json                     42
y_structure_lonely_negative_real.json           -0.1
y_structure_lonely_null.json                    null
y_structure_lonely_string.json                  "asd"
y_structure_lonely_true.json                    true
y_structure_string_empty.json                   ""
```

C JSON Checker 2

```
i_number_double_huge_neg_exp.json               [123.456e-789]
i_number_huge_exp.json                          [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                  [-1e+9999]
i_number_pos_double_huge_exp.json               [1.5e+9999]
i_number_real_neg_overflow.json                 [-123123e100000]
i_number_real_pos_overflow.json                 [123123e100000]
i_number_real_underflow.json                    [123e-10000000]
i_number_too_big_neg_int.json                   [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                   [100000000000000000000]
i_number_very_big_negative_int.json             [-237462374673276894279832749832423(...)
i_object_key_lone_2nd_surrogate.json            {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json     ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                 FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
i_string_iso_latin_1.json                       ["E9"] <=> [""]
i_string_lone_second_surrogate.json             ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json       ["81"] <=> [""]
i_string_not_in_unicode_range.json              ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json         ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json         ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json    ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                    00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
y_string_nonCharacterInUTF-8_U+10FFFF.json      ["F48FBFBF"] <=> ["􀀀"]
y_string_nonCharacterInUTF-8_U+1FFFF.json       ["F09BBFBF"] <=> ["􀀀"]
y_string_nonCharacterInUTF-8_U+FFFF.json        ["EFBFBF"] <=> ["􀀀"]
y_string_pi.json                                ["CF80"] <=> ["π"]
y_string_space.json                             " "
y_string_u+2028_line_sep.json                   ["E280A8"] <=> ["􀀀"]
y_string_u+2029_par_sep.json                    ["E280A9"] <=> ["􀀀"]
y_string_unicode_2.json                         ["E28D82E388B4E28D82"] <=> ["􀀀􀀀"]
y_string_utf8.json                              ["E282ACF09D849E"] <=> ["€𝄞"]
y_structure_lonely_false.json                   false
y_structure_lonely_int.json                     42
y_structure_lonely_negative_real.json           -0.1
```

```
y_structure_lonely_null.json          null
y_structure_lonely_string.json        "asd"
y_structure_lonely_true.json          true
y_structure_string_empty.json         ""
```

C JSON Parser by udp

```
i_number_double_huge_neg_exp.json          [123.456e-789]
i_number_huge_exp.json                     [0.4e006699999999999999999999999999999(...)
i_number_neg_int_huge_exp.json             [-1e+9999]
i_number_pos_double_huge_exp.json          [1.5e+9999]
i_number_real_neg_overflow.json            [-123123e100000]
i_number_real_pos_overflow.json            [123123e100000]
i_number_real_underflow.json               [123e-10000000]
i_number_too_big_neg_int.json              [-123123123123123123123123123123]
i_number_too_big_pos_int.json              [100000000000000000000]
i_number_very_big_negative_int.json        [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json       {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json            FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json       ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json        ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json    ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json     ["\ud800"]
i_string_invalid_surrogate.json            ["\ud800abc"]
i_string_invalid_utf-8.json                ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json  ["\uDd1e\uD834"]
i_string_iso_latin_1.json                  ["E9"] <=> [""]
i_string_lone_second_surrogate.json        ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json  ["81"] <=> [""]
i_string_not_in_unicode_range.json         ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json    ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json    ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json              ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json               00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json               [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json         [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json    EFBBBF{} <=> {}
n_array_extra_comma.json                   ["",]
n_array_just_minus.json                    [-]
n_array_number_and_comma.json              [1,]
n_multidigit_number_then_00.json           12300 <=> 123
n_object_pi_in_key_and_trailing_comma.json {"B9":"0",} <=> {"":"0",}
n_object_trailing_comma.json               {"id":0,}
n_string_escape_x.json                     ["\x00"]
n_string_escaped_ctrl_char_tab.json        ["\09"] <=> ["\ "]
n_string_escaped_emoji.json                ["\F09F8C80"] <=> ["\□"]
n_string_incomplete_surrogate_escape_invalid.json ["\uD800\uD800\x"]
n_string_invalid_backslash_esc.json        ["\a"]
n_string_invalid_utf8_after_escape.json    ["\E5"] <=> ["\"]
n_string_unescaped_newline.json            ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json                ["09"] <=> [" "]
n_string_unicode_CapitalU.json             "\UA66D"
```

C JSON-C

```
i_number_double_huge_neg_exp.json          [123.456e-789]
i_number_huge_exp.json                     [0.4e006699999999999999999999999999999(...)
i_number_neg_int_huge_exp.json             [-1e+9999]
i_number_pos_double_huge_exp.json          [1.5e+9999]
i_number_real_neg_overflow.json            [-123123e100000]
```

JSON Parsing Tests

i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_array_comma_after_close.json	[""],
n_array_extra_close.json	["x"]]
n_array_extra_comma.json	["",]
n_array_number_and_comma.json	[1,]
n_number_-01.json	[-01]
n_number_-1.0..json	[-1.0.]
n_number_-2..json	[-2.]
n_number_0.1.2.json	[0.1.2]
n_number_0.3e+.json	[0.3e+]
n_number_0.3e.json	[0.3e]
n_number_0.e1.json	[0.e1]
n_number_0_capital_E+.json	[0E+]
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_number_1.0e.json	[1.0e]
n_number_1eE2.json	[1eE2]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_9.e+.json	[9.e+]
n_number_NaN.json	[NaN]
n_number_expression.json	[1+2]
n_number_infinity.json	[Infinity]
n_number_invalid+-.json	[0e+-1]
n_number_minus_infinity.json	[-Infinity]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_neg_real_without_int_part.json	[-.123]
n_number_real_without_fractional_part.json	[1.]
n_number_with_leading_zero.json	[012]
n_object_pi_in_key_and_trailing_comma.json	{"B9":"0",} <=> {"":"0",}
n_object_single_quote.json	{'a':0}
n_object_trailing_comma.json	{"id":0,}
n_object_trailing_comment.json	{"a":"b"}/**/
n_object_with_trailing_garbage.json	{"a":"b"}#

```
n_string_single_quote.json                        ['single quote']
n_string_unescaped_newline.json                   ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json                       ["09"] <=> ["  "]
n_string_with_trailing_garbage.json               ""x
n_structure_array_trailing_garbage.json           [1]x
n_structure_array_with_extra_array_close.json     [1]]
n_structure_capitalized_True.json                 [True]
n_structure_close_unopened_array.json             1]
n_structure_double_array.json                     [][]
n_structure_number_with_trailing_garbage.json     2@
n_structure_object_followed_by_closing_object.json {}}
n_structure_object_with_comment.json              {"a":/*comment*/"b"}
n_structure_object_with_trailing_garbage.json     {"a": true} "x"
n_structure_trailing_#.json                       {"a":"b"}#{}
n_structure_whitespace_formfeed.json              [0C] <=> []
y_structure_lonely_false.json                     false
y_structure_lonely_int.json                       42
y_structure_lonely_negative_real.json             -0.1
y_structure_lonely_null.json                      null
y_structure_lonely_true.json                      true
```

C cJSON

```
i_number_double_huge_neg_exp.json                 [123.456e-789]
i_number_huge_exp.json                            [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                    [-1e+9999]
i_number_pos_double_huge_exp.json                 [1.5e+9999]
i_number_real_neg_overflow.json                   [-123123e100000]
i_number_real_pos_overflow.json                   [123123e100000]
i_number_real_underflow.json                      [123e-10000000]
i_number_too_big_neg_int.json                     [-123123123123123123123123123123]
i_number_too_big_pos_int.json                     [100000000000000000000]
i_number_very_big_negative_int.json               [-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json              {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json       ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json     ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                   FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json              ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json               ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json           ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json  ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json            ["\ud800"]
i_string_invalid_surrogate.json                   ["\ud800abc"]
i_string_invalid_utf-8.json                       ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json         ["\uDd1e\uD834"]
i_string_iso_latin_1.json                         ["E9"] <=> [""]
i_string_lone_second_surrogate.json               ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json         ["81"] <=> [""]
i_string_not_in_unicode_range.json                ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json           ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json           ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json      ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                     ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                      00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                      [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json                [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json           EFBBBF{} <=> {}
n_array_comma_after_close.json                    [""],
n_array_extra_close.json                          ["x"]]
n_array_just_minus.json                           [-]
n_multidigit_number_then_00.json                  12300 <=> 123
n_number_-01.json                                 [-01]
n_number_0.3e+.json                               [0.3e+]
n_number_0.3e.json                                [0.3e]
n_number_0_capital_E+.json                        [0E+]
```

File	Content
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_number_1.0e.json	[1.0e]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_neg_real_without_int_part.json	[-.123]
n_number_with_leading_zero.json	[012]
n_object_trailing_comment.json	{"a":"b"}/**/
n_object_trailing_comment_open.json	{"a":"b"}/**//
n_object_trailing_comment_slash_open.json	{"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json	{"a":"b"}/
n_object_with_trailing_garbage.json	{"a":"b"}#
n_string_backslash_00.json	["\00"] <=> ["\"]
n_string_escape_x.json	["\x00"]
n_string_escaped_ctrl_char_tab.json	["\09"] <=> ["\ "]
n_string_escaped_emoji.json	["\F09F8C80"] <=> ["\🌀"]
n_string_invalid_backslash_esc.json	["\a"]
n_string_invalid_utf8_after_escape.json	["\E5"] <=> ["\"]
n_string_single_doublequote.json	"
n_string_unescaped_newline.json	["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json	["09"] <=> [" "]
n_string_unicode_CapitalU.json	"\UA66D"
n_string_with_trailing_garbage.json	""x
n_structure_100000_opening_arrays.json	[[[(...)
n_structure_array_trailing_garbage.json	[1]x
n_structure_array_with_extra_array_close.json	[1]]
n_structure_close_unopened_array.json	1]
n_structure_double_array.json	[][]
n_structure_number_with_trailing_garbage.json	2@
n_structure_object_followed_by_closing_object.json	{}}
n_structure_object_with_trailing_garbage.json	{"a": true} "x"
n_structure_open_array_object.json	[{"":[{"":[{"":[{"":[{"":[{"":[(...)
n_structure_trailing_#.json	{"a":"b"}#{}
n_structure_whitespace_formfeed.json	[0C] <=> []
y_object_escaped_null_in_key.json	{"foo\u0000bar": 42}
y_string_null_escape.json	["\u0000"]

C ccan

File	Content
i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]

```
i_string_lone_utf8_continuation_byte.json      ["81"] <=> [""]
i_string_not_in_unicode_range.json             ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json        ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json        ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json   ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                  ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                   00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                   [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json             [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json        EFBBBF{} <=> {}
n_multidigit_number_then_00.json               12300 <=> 123
n_structure_100000_opening_arrays.json         [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
n_structure_open_array_object.json             [{"":[{"":[{"":[{"":[{"":[(...)
y_object_escaped_null_in_key.json              {"foo\u0000bar": 42}
y_string_null_escape.json                      ["\u0000"]
```

C jansson

```
i_number_double_huge_neg_exp.json              [123.456e-789]
i_number_huge_exp.json                         [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                 [-1e+9999]
i_number_pos_double_huge_exp.json              [1.5e+9999]
i_number_real_neg_overflow.json                [-123123e100000]
i_number_real_pos_overflow.json                [123123e100000]
i_number_real_underflow.json                   [123e-10000000]
i_number_too_big_neg_int.json                  [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                  [100000000000000000000]
i_number_very_big_negative_int.json            [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json           {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json    ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json  ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json           ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json            ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json        ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json  ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json         ["\ud800"]
i_string_invalid_surrogate.json                ["\ud800abc"]
i_string_invalid_utf-8.json                    ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json      ["\uDd1e\uD834"]
i_string_iso_latin_1.json                      ["E9"] <=> [""]
i_string_lone_second_surrogate.json            ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json      ["81"] <=> [""]
i_string_not_in_unicode_range.json             ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json        ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json        ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json   ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                  ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                   00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                   [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json             [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json        EFBBBF{} <=> {}
n_multidigit_number_then_00.json               12300 <=> 123
y_object_escaped_null_in_key.json              {"foo\u0000bar": 42}
```

[**C jsmn**](C jsmn)

```
i_number_double_huge_neg_exp.json              [123.456e-789]
i_number_huge_exp.json                         [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                 [-1e+9999]
i_number_pos_double_huge_exp.json              [1.5e+9999]
i_number_real_neg_overflow.json                [-123123e100000]
i_number_real_pos_overflow.json                [123123e100000]
i_number_real_underflow.json                   [123e-10000000]
```

File	Content
i_number_too_big_neg_int.json	[-123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_array_1_true_without_comma.json	[1 true]
n_array_colon_instead_of_comma.json	["": 1]
n_array_comma_after_close.json	[""],
n_array_comma_and_number.json	[,1]
n_array_double_comma.json	[1,,2]
n_array_double_extra_comma.json	["x",,]
n_array_extra_comma.json	["",]
n_array_items_separated_by_semicolon.json	[1:2]
n_array_just_comma.json	[,]
n_array_just_minus.json	[-]
n_array_missing_value.json	[, ""]
n_array_number_and_comma.json	[1,]
n_array_number_and_several_commas.json	[1,,]
n_array_spaces_vertical_tab_formfeed.json	["0Ba"\f] <=> ["ẟa"\f]
n_array_star_inside.json	[*]
n_incomplete_false.json	[fals]
n_incomplete_null.json	[nul]
n_incomplete_true.json	[tru]
n_multidigit_number_then_00.json	12300 <=> 123
n_number_++.json	[++1234]
n_number_+1.json	[+1]
n_number_+Inf.json	[+Inf]
n_number_-01.json	[-01]
n_number_-1.0..json	[-1.0.]
n_number_-2..json	[-2.]
n_number_-NaN.json	[-NaN]
n_number_.-1.json	[.-1]
n_number_.2e-3.json	[.2e-3]
n_number_0.1.2.json	[0.1.2]
n_number_0.3e+.json	[0.3e+]
n_number_0.3e.json	[0.3e]
n_number_0.e1.json	[0.e1]
n_number_0_capital_E+.json	[0E+]
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_number_1.0e.json	[1.0e]

n_number_1_000.json	[1 000.0]
n_number_1eE2.json	[1eE2]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_9.e+.json	[9.e+]
n_number_Inf.json	[Inf]
n_number_NaN.json	[NaN]
n_number_expression.json	[1+2]
n_number_hex_1_digit.json	[0x1]
n_number_hex_2_digits.json	[0x42]
n_number_infinity.json	[Infinity]
n_number_invalid+-.json	[0e+-1]
n_number_invalid-negative-real.json	[-123.123foo]
n_number_minus_infinity.json	[-Infinity]
n_number_minus_sign_with_trailing_garbage.json	[-foo]
n_number_minus_space_1.json	[- 1]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_neg_real_without_int_part.json	[-.123]
n_number_neg_with_garbage_at_end.json	[-1x]
n_number_real_garbage_after_e.json	[1ea]
n_number_real_without_fractional_part.json	[1.]
n_number_starting_with_dot.json	[.123]
n_number_with_alpha.json	[1.2a-3]
n_number_with_alpha_char.json	[1.8011670033376514H-308]
n_number_with_leading_zero.json	[012]
n_object_bad_value.json	["x", truth]
n_object_comma_instead_of_colon.json	{"x", null}
n_object_double_colon.json	{"x"::"b"}
n_object_garbage_at_end.json	{"a":"a" 123}
n_object_key_with_single_quotes.json	{key: 'value'}
n_object_missing_colon.json	{"a" b}
n_object_missing_key.json	{:"b"}
n_object_missing_semicolon.json	{"a" "b"}
n_object_non_string_key.json	{1:1}
n_object_non_string_key_but_huge_number_instead.json	{9999E9999:1}
n_object_pi_in_key_and_trailing_comma.json	{"B9":"0",} <=> {"":"0",}
n_object_repeated_null_null.json	{null:null,null:null}
n_object_several_trailing_commas.json	{"id":0,,,,,}
n_object_single_quote.json	{'a':0}
n_object_trailing_comma.json	{"id":0,}
n_object_trailing_comment.json	{"a":"b"}/**/
n_object_trailing_comment_open.json	{"a":"b"}/**//
n_object_trailing_comment_slash_open.json	{"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json	{"a":"b"}/
n_object_two_commas_in_a_row.json	{"a":"b",,"c":"d"}
n_object_unquoted_key.json	{a: "b"}
n_object_with_single_string.json	{ "foo" : "bar", "a" }
n_object_with_trailing_garbage.json	{"a":"b"}#
n_string_leading_uescaped_thinspace.json	[\u0020"asd"]
n_string_no_quotes_with_bad_escape.json	[\n]
n_string_single_quote.json	['single quote']
n_string_single_string_no_double_quotes.json	abc
n_string_unescaped_newline.json	["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json	["09"] <=> [" "]
n_string_with_trailing_garbage.json	""x
n_structure_angle_bracket_..json	<.>
n_structure_angle_bracket_null.json	[]
n_structure_array_trailing_garbage.json	[1]x
n_structure_capitalized_True.json	[True]
n_structure_double_array.json	[][]
n_structure_number_with_trailing_garbage.json	2@
n_structure_object_with_comment.json	{"a":/*comment*/"b"}
n_structure_object_with_trailing_garbage.json	{"a": true} "x"
n_structure_single_star.json	*
n_structure_uescaped_LF_before_string.json	[\u000A""]
y_object_long_strings.json	{"x":[{"id": "xxxxxxxxxxxxxxxxxxxxxx(...)

y_object_string_unicode.json   {"title":"\u041f\u043e\u043b\u0442\u0442\u0442\u0442\u0442\u0442\u0442\u(...)

C pdjson

i_number_double_huge_neg_exp.json   [123.456e-789]
i_number_huge_exp.json   [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json   [-1e+9999]
i_number_pos_double_huge_exp.json   [1.5e+9999]
i_number_real_neg_overflow.json   [-123123e100000]
i_number_real_pos_overflow.json   [123123e100000]
i_number_real_underflow.json   [123e-10000000]
i_number_too_big_neg_int.json   [-123123123123123123123123123123]
i_number_too_big_pos_int.json   [100000000000000000000]
i_number_very_big_negative_int.json   [-237462374673276894279832749832423(...)
i_object_key_lone_2nd_surrogate.json   {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json   FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json   ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json   ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json   ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json   ["\ud800"]
i_string_invalid_surrogate.json   ["\ud800abc"]
i_string_invalid_utf-8.json   ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json ["\uDd1e\uD834"]
i_string_iso_latin_1.json   ["E9"] <=> [""]
i_string_lone_second_surrogate.json   ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json ["81"] <=> [""]
i_string_not_in_unicode_range.json   ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json   ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json   ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json   00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json   [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json   [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json   EFBBBF{} <=> {}

C++ RapidJSON

Crystal

Elixir ExJSON

Elixir Json

Elixir Poison

Free Pascal fcl-json

Go 1.7.1

i_number_double_huge_neg_exp.json   [123.456e-789]
i_number_huge_exp.json   [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json   [-1e+9999]
i_number_pos_double_huge_exp.json   [1.5e+9999]
i_number_real_neg_overflow.json   [-123123e100000]
i_number_real_pos_overflow.json   [123123e100000]
i_number_real_underflow.json   [123e-10000000]
i_number_too_big_neg_int.json   [-123123123123123123123123123123]

i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}

Haskell Aeson 0.11.2.1

Java Actson 1.2.0

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e0066999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]

i_structure_500_nested_arrays.json　　[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json　EFBBBF{} <=> {}

Java Jackson 2.8.4

i_number_double_huge_neg_exp.json　　　[123.456e-789]
i_number_huge_exp.json　　　　　　　　[0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json　　　　[-1e+9999]
i_number_pos_double_huge_exp.json　　[1.5e+9999]
i_number_real_neg_overflow.json　　　[-123123e100000]
i_number_real_pos_overflow.json　　　[123123e100000]
i_number_real_underflow.json　　　　　[123e-10000000]
i_number_too_big_neg_int.json　　　　[-123123123123123123123123123123]
i_number_too_big_pos_int.json　　　　[100000000000000000000]
i_number_very_big_negative_int.json　[-237462374673276894279832749832423(...)
i_object_key_lone_2nd_surrogate.json　{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json　["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json　["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json　　　FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json　["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json　["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json　["\uD800\n"]
i_string_incomplete_surrogate_pair.json　["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json　["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json　["\ud800"]
i_string_invalid_surrogate.json　　　["\ud800abc"]
i_string_invalid_utf-8.json　　　　　["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json　["\uDd1e\uD834"]
i_string_iso_latin_1.json　　　　　　["E9"] <=> [""]
i_string_lone_second_surrogate.json　["\uDFAA"]
i_string_lone_utf8_continuation_byte.json　["81"] <=> [""]
i_string_not_in_unicode_range.json　["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json　["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json　["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json　["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json　　　　["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json　　　　　00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json　　　　　[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json　[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json　EFBBBF{} <=> {}
n_array_comma_after_close.json　　　　[""],
n_array_extra_close.json　　　　　　　["x"]]
n_object_trailing_comment.json　　　　{"a":"b"}/**/
n_object_trailing_comment_open.json　{"a":"b"}/**//
n_object_trailing_comment_slash_open.json　{"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json　{"a":"b"}/
n_object_with_trailing_garbage.json　{"a":"b"}#
n_string_with_trailing_garbage.json　""x
n_structure_array_trailing_garbage.json　[1]x
n_structure_array_with_extra_array_close.json　[1]]
n_structure_double_array.json　　　　[][]
n_structure_object_followed_by_closing_object.json　{}}
n_structure_object_with_trailing_garbage.json　{"a": true} "x"
n_structure_trailing_#.json　　　　　{"a":"b"}#{}

Java com.leastfixedpoint.json 1.0

i_number_double_huge_neg_exp.json　　　[123.456e-789]
i_number_huge_exp.json　　　　　　　　[0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json　　　　[-1e+9999]
i_number_pos_double_huge_exp.json　　[1.5e+9999]
i_number_real_neg_overflow.json　　　[-123123e100000]
i_number_real_pos_overflow.json　　　[123123e100000]
i_number_real_underflow.json　　　　　[123e-10000000]
i_number_too_big_neg_int.json　　　　[-123123123123123123123123123123]

```
i_number_too_big_pos_int.json              [100000000000000000000]
i_number_very_big_negative_int.json        [-237462374673276894279832742824234(...)
i_object_key_lone_2nd_surrogate.json       {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json            FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json       ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json        ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json    ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json     ["\ud800"]
i_string_invalid_surrogate.json            ["\ud800abc"]
i_string_invalid_utf-8.json                ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json  ["\uDd1e\uD834"]
i_string_iso_latin_1.json                  ["E9"] <=> [""]
i_string_lone_second_surrogate.json        ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json  ["81"] <=> [""]
i_string_not_in_unicode_range.json         ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json    ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json    ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json              ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json               00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json               [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json         [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json    EFBBBF{} <=> {}
n_number_-01.json                          [-01]
n_number_-2..json                          [-2.]
n_number_0.e1.json                         [0.e1]
n_number_2.e+3.json                        [2.e+3]
n_number_2.e-3.json                        [2.e-3]
n_number_2.e3.json                         [2.e3]
n_number_U+FF11_fullwidth_digit_one.json   [EFBC91] <=> [1]
n_number_neg_int_starting_with_zero.json   [-012]
n_number_neg_real_without_int_part.json    [-.123]
n_number_real_without_fractional_part.json [1.]
n_number_with_leading_zero.json            [012]
n_object_single_quote.json                 {'a':0}
n_object_trailing_comment_slash_open.json  {"a":"b"}//
n_string_invalid_unicode_escape.json       ["\uqqqq"]
n_string_single_quote.json                 ['single quote']
n_string_unescaped_crtl_char.json          ["a00a"] <=> ["aa"]
n_string_unescaped_newline.json            ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json                ["09"] <=> [" "]
n_structure_whitespace_formfeed.json       [0C] <=> []
```

Java gson 2.7

```
i_number_double_huge_neg_exp.json          [123.456e-789]
i_number_huge_exp.json                     [0.4e0066999999999999999999999999999(...)
i_number_neg_int_huge_exp.json             [-1e+9999]
i_number_pos_double_huge_exp.json          [1.5e+9999]
i_number_real_neg_overflow.json            [-123123e100000]
i_number_real_pos_overflow.json            [123123e100000]
i_number_real_underflow.json               [123e-10000000]
i_number_too_big_neg_int.json              [-123123123123123123123123123123123]
i_number_too_big_pos_int.json              [100000000000000000000]
i_number_very_big_negative_int.json        [-237462374673276894279832742824234(...)
i_object_key_lone_2nd_surrogate.json       {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json            FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json       ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json        ["EDA080"] <=> [""]
```

i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_array_a_invalid_utf8.json	[aE5] <=> [a]
n_array_comma_and_number.json	[,1]
n_array_double_comma.json	[1,,2]
n_array_double_extra_comma.json	["x",,]
n_array_extra_comma.json	["",]
n_array_invalid_utf8.json	[FF] <=> []
n_array_just_comma.json	[,]
n_array_just_minus.json	[-]
n_array_missing_value.json	[, ""]
n_array_number_and_comma.json	[1,]
n_array_number_and_several_commas.json	[1,,]
n_array_star_inside.json	[*]
n_incomplete_false.json	[fals]
n_incomplete_null.json	[nul]
n_incomplete_true.json	[tru]
n_multidigit_number_then_00.json	12300 <=> 123
n_number_++.json	[++1234]
n_number_+1.json	[+1]
n_number_+Inf.json	[+Inf]
n_number_-01.json	[-01]
n_number_-1.0..json	[-1.0.]
n_number_-2..json	[-2.]
n_number_-NaN.json	[-NaN]
n_number_.-1.json	[.-1]
n_number_.2e-3.json	[.2e-3]
n_number_0.1.2.json	[0.1.2]
n_number_0.3e+.json	[0.3e+]
n_number_0.3e.json	[0.3e]
n_number_0.e1.json	[0.e1]
n_number_0_capital_E+.json	[0E+]
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_number_1.0e.json	[1.0e]
n_number_1eE2.json	[1eE2]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_9.e+.json	[9.e+]
n_number_Inf.json	[Inf]
n_number_NaN.json	[NaN]
n_number_U+FF11_fullwidth_digit_one.json	[EFBC91] <=> [1]
n_number_expression.json	[1+2]
n_number_hex_1_digit.json	[0x1]
n_number_hex_2_digits.json	[0x42]
n_number_infinity.json	[Infinity]

```
n_number_invalid+-.json                              [0e+-1]
n_number_invalid-negative-real.json                  [-123.123foo]
n_number_invalid-utf-8-in-bigger-int.json            [123E5] <=> [123]
n_number_invalid-utf-8-in-exponent.json              [1e1E5] <=> [1e1]
n_number_invalid-utf-8-in-int.json                   [0E5]0A <=> [0]
n_number_minus_infinity.json                         [-Infinity]
n_number_minus_sign_with_trailing_garbage.json       [-foo]
n_number_neg_int_starting_with_zero.json             [-012]
n_number_neg_real_without_int_part.json              [-.123]
n_number_neg_with_garbage_at_end.json                [-1x]
n_number_real_garbage_after_e.json                   [1ea]
n_number_real_with_invalid_utf8_after_e.json         [1eE5] <=> [1e]
n_number_real_without_fractional_part.json           [1.]
n_number_starting_with_dot.json                      [.123]
n_number_with_alpha.json                             [1.2a-3]
n_number_with_alpha_char.json                        [1.8011670033376514H-308]
n_number_with_leading_zero.json                      [012]
n_object_bad_value.json                              ["x", truth]
n_object_key_with_single_quotes.json                 {key: 'value'}
n_object_non_string_key.json                         {1:1}
n_object_non_string_key_but_huge_number_instead.json {9999E9999:1}
n_object_repeated_null_null.json                     {null:null,null:null}
n_object_single_quote.json                           {'a':0}
n_object_unquoted_key.json                           {a: "b"}
n_string_accentuated_char_no_quotes.json             [C3A9] <=> [é]
n_string_single_quote.json                           ['single quote']
n_string_single_string_no_double_quotes.json         abc
n_string_unescaped_crtl_char.json                    ["a00a"] <=> ["aa"]
n_string_unescaped_newline.json                      ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json                          ["09"] <=> [" "]
n_structure_U+2060_word_joined.json                  [E281A0] <=> []
n_structure_angle_bracket_..json                     <.>
n_structure_angle_bracket_null.json                  []
n_structure_ascii-unicode-identifier.json            aC3A5 <=> aå
n_structure_capitalized_True.json                    [True]
n_structure_lone-invalid-utf-8.json                  E5 <=>
n_structure_null-byte-outside-string.json            [00] <=> []
n_structure_number_with_trailing_garbage.json        2@
n_structure_object_with_comment.json                 {"a":/*comment*/"b"}
n_structure_single_eacute.json                       E9 <=>
n_structure_single_star.json                         *
n_structure_unicode-identifier.json                  C3A5 <=> å
n_structure_whitespace_U+2060_word_joiner.json       [E281A0] <=> []
y_structure_lonely_null.json                         null
```

Java json-simple 1.1.1

```
i_number_double_huge_neg_exp.json                    [123.456e-789]
i_number_huge_exp.json                               [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                       [-1e+9999]
i_number_pos_double_huge_exp.json                    [1.5e+9999]
i_number_real_neg_overflow.json                      [-123123e100000]
i_number_real_pos_overflow.json                      [123123e100000]
i_number_real_underflow.json                         [123e-10000000]
i_number_too_big_neg_int.json                        [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                        [100000000000000000000]
i_number_very_big_negative_int.json                  [-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json                 {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json          ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json        ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                      FFFE00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json                 ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json                  ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json              ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json     ["\uD800\uD800\n"]
```

```
i_string_invalid_lonely_surrogate.json            ["\ud800"]
i_string_invalid_surrogate.json                   ["\ud800abc"]
i_string_invalid_utf-8.json                       ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json         ["\uDd1e\uD834"]
i_string_iso_latin_1.json                         ["E9"] <=> [""]
i_string_lone_second_surrogate.json               ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json         ["81"] <=> [""]
i_string_not_in_unicode_range.json                ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json           ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json           ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json      ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                     ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                      00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                      [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json                [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json           EFBBBF{} <=> {}
n_array_1_true_without_comma.json                 [1 true]
n_array_comma_and_number.json                     [,1]
n_array_double_comma.json                         [1,,2]
n_array_double_extra_comma.json                   ["x",,]
n_array_extra_comma.json                          ["",]
n_array_inner_array_no_comma.json                 [3[4]]
n_array_just_comma.json                           [,]
n_array_missing_value.json                        [ , ""]
n_array_number_and_comma.json                     [1,]
n_array_number_and_several_commas.json            [1,,]
n_number_-01.json                                 [-01]
n_number_1_000.json                               [1 000.0]
n_number_neg_int_starting_with_zero.json          [-012]
n_number_with_leading_zero.json                   [012]
n_object_double_colon.json                        {"x"::"b"}
n_object_missing_semicolon.json                   {"a" "b"}
n_object_pi_in_key_and_trailing_comma.json        {"B9":"0",} <=> {"":"0",}
n_object_several_trailing_commas.json             {"id":0,,,,}
n_object_trailing_comma.json                      {"id":0,}
n_object_two_commas_in_a_row.json                 {"a":"b",,"c":"d"}
n_string_1_surrogate_then_escape u1.json          (MISSING FILE)
n_string_1_surrogate_then_escape u1x.json         (MISSING FILE)
n_string_1_surrogate_then_escape_u.json           ["\uD800\u"]
n_string_backslash_00.json                        ["\00"] <=> ["\"]
n_string_escape_x.json                            ["\x00"]
n_string_escaped_ctrl_char_tab.json               ["\09"] <=> ["\ "]
n_string_escaped_emoji.json                       ["\F09F8C80"] <=> ["\□"]
n_string_incomplete_escaped_character.json        ["\u00A"]
n_string_incomplete_surrogate.json                ["\uD834\uDd"]
n_string_incomplete_surrogate_escape_invalid.json ["\uD800\uD800\x"]
n_string_invalid-utf-8-in-escape.json             ["\uE5"] <=> ["\u"]
n_string_invalid_backslash_esc.json               ["\a"]
n_string_invalid_unicode_escape.json              ["\uqqqq"]
n_string_invalid_utf8_after_escape.json           ["\E5"] <=> ["\"]
n_string_unescaped_crtl_char.json                 ["a00a"] <=> ["aa"]
n_string_unescaped_newline.json                   ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json                       ["09"] <=> [" "]
n_string_unicode_CapitalU.json                    "\UA66D"
```

Java nanojson 1.0

```
i_number_double_huge_neg_exp.json                 [123.456e-789]
i_number_huge_exp.json                            [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                    [-1e+9999]
i_number_pos_double_huge_exp.json                 [1.5e+9999]
i_number_real_neg_overflow.json                   [-123123e100000]
i_number_real_pos_overflow.json                   [123123e100000]
i_number_real_underflow.json                      [123e-10000000]
i_number_too_big_neg_int.json                     [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                     [100000000000000000000]
```

i_number_very_big_negative_int.json		[-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json		{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json		["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json		["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json		FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json		["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json		["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json		["\uD800\n"]
i_string_incomplete_surrogate_pair.json		["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json		["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json		["\ud800"]
i_string_invalid_surrogate.json		["\ud800abc"]
i_string_invalid_utf-8.json		["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json		["\uDd1e\uD834"]
i_string_iso_latin_1.json		["E9"] <=> [""]
i_string_lone_second_surrogate.json		["\uDFAA"]
i_string_lone_utf8_continuation_byte.json		["81"] <=> [""]
i_string_not_in_unicode_range.json		["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json		["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json		["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json		["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json		["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json		00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json		[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json		[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json		EFBBBF{} <=> {}
n_number_-2..json		[-2.]
n_number_0.e1.json		[0.e1]
n_number_2.e+3.json		[2.e+3]
n_number_2.e-3.json		[2.e-3]
n_number_2.e3.json		[2.e3]
n_number_real_without_fractional_part.json		[1.]

Java nanojson 1.1

i_number_double_huge_neg_exp.json		[123.456e-789]
i_number_huge_exp.json		[0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json		[-1e+9999]
i_number_pos_double_huge_exp.json		[1.5e+9999]
i_number_real_neg_overflow.json		[-123123e100000]
i_number_real_pos_overflow.json		[123123e100000]
i_number_real_underflow.json		[123e-10000000]
i_number_too_big_neg_int.json		[-123123123123123123123123123123123]
i_number_too_big_pos_int.json		[100000000000000000000]
i_number_very_big_negative_int.json		[-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json		{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json		["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json		["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json		FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json		["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json		["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json		["\uD800\n"]
i_string_incomplete_surrogate_pair.json		["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json		["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json		["\ud800"]
i_string_invalid_surrogate.json		["\ud800abc"]
i_string_invalid_utf-8.json		["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json		["\uDd1e\uD834"]
i_string_iso_latin_1.json		["E9"] <=> [""]
i_string_lone_second_surrogate.json		["\uDFAA"]
i_string_lone_utf8_continuation_byte.json		["81"] <=> [""]
i_string_not_in_unicode_range.json		["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json		["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json		["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json		["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json		["E0FF"] <=> [""]

i_string_utf16BE_no_BOM.json　　　　　　　`00[00"00E900"00] <=> [""]`
i_string_utf16LE_no_BOM.json　　　　　　　`[00"00E900"00]00 <=> [""]`
i_structure_500_nested_arrays.json　　　　`[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)`
i_structure_UTF-8_BOM_empty_object.json　`EFBBBF{} <=> {}`

Java org.json 2016-08-15

i_number_double_huge_neg_exp.json　　　　　　`[123.456e-789]`
i_number_huge_exp.json　　　　　　　　　　　　`[0.4e00669999999999999999999999999999999(...)`
i_number_neg_int_huge_exp.json　　　　　　　　`[-1e+9999]`
i_number_pos_double_huge_exp.json　　　　　　`[1.5e+9999]`
i_number_real_neg_overflow.json　　　　　　　`[-123123e100000]`
i_number_real_pos_overflow.json　　　　　　　`[123123e100000]`
i_number_real_underflow.json　　　　　　　　　`[123e-10000000]`
i_number_too_big_neg_int.json　　　　　　　　`[-123123123123123123123123123123]`
i_number_too_big_pos_int.json　　　　　　　　`[100000000000000000000]`
i_number_very_big_negative_int.json　　　　`[-237462374673276894279832749832423(...)`
i_object_key_lone_2nd_surrogate.json　　　　`{"\uDFAA":0}`
i_string_1st_surrogate_but_2nd_missing.json　`["\uDADA"]`
i_string_1st_valid_surrogate_2nd_invalid.json　`["\uD888\u1234"]`
i_string_UTF-16LE_with_BOM.json　　　　　　　`FFFE[00"00E900"00]00 <=> [""]`
i_string_UTF-8_invalid_sequence.json　　　　`["E697A5D188FA"] <=> ["日ш"]`
i_string_UTF8_surrogate_U+D800.json　　　　　`["EDA080"] <=> [""]`
i_string_incomplete_surrogate_and_escape_valid.json　`["\uD800\n"]`
i_string_incomplete_surrogate_pair.json　　`["\uDd1ea"]`
i_string_incomplete_surrogates_escape_valid.json　`["\uD800\uD800\n"]`
i_string_invalid_lonely_surrogate.json　　　`["\ud800"]`
i_string_invalid_surrogate.json　　　　　　　`["\ud800abc"]`
i_string_invalid_utf-8.json　　　　　　　　　`["FF"] <=> [""]`
i_string_inverted_surrogates_U+1D11E.json　`["\uDd1e\uD834"]`
i_string_iso_latin_1.json　　　　　　　　　　`["E9"] <=> [""]`
i_string_lone_second_surrogate.json　　　　　`["\uDFAA"]`
i_string_lone_utf8_continuation_byte.json　`["81"] <=> [""]`
i_string_not_in_unicode_range.json　　　　　`["F4BFBFBF"] <=> [""]`
i_string_overlong_sequence_2_bytes.json　　`["C0AF"] <=> [""]`
i_string_overlong_sequence_6_bytes.json　　`["FC83BFBFBFBF"] <=> [""]`
i_string_overlong_sequence_6_bytes_null.json　`["FC8080808080"] <=> [""]`
i_string_truncated-utf-8.json　　　　　　　　`["E0FF"] <=> [""]`
i_string_utf16BE_no_BOM.json　　　　　　　　　`00[00"00E900"00] <=> [""]`
i_string_utf16LE_no_BOM.json　　　　　　　　　`[00"00E900"00]00 <=> [""]`
i_structure_500_nested_arrays.json　　　　　`[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)`
i_structure_UTF-8_BOM_empty_object.json　　`EFBBBF{} <=> {}`
n_array_1_true_without_comma.json　　　　　　`[1 true]`
n_array_a_invalid_utf8.json　　　　　　　　　`[aE5] <=> [a]`
n_array_comma_after_close.json　　　　　　　　`[""],`
n_array_comma_and_number.json　　　　　　　　`[,1]`
n_array_double_comma.json　　　　　　　　　　`[1,,2]`
n_array_double_extra_comma.json　　　　　　　`["x",,]`
n_array_extra_close.json　　　　　　　　　　　`["x"]]`
n_array_extra_comma.json　　　　　　　　　　　`["",]`
n_array_invalid_utf8.json　　　　　　　　　　`[FF] <=> []`
n_array_just_comma.json　　　　　　　　　　　`[,]`
n_array_just_minus.json　　　　　　　　　　　`[-]`
n_array_missing_value.json　　　　　　　　　　`[ , ""]`
n_array_number_and_comma.json　　　　　　　　`[1,]`
n_array_number_and_several_commas.json　　　`[1,,]`
n_array_star_inside.json　　　　　　　　　　　`[*]`
n_incomplete_false.json　　　　　　　　　　　`[fals]`
n_incomplete_null.json　　　　　　　　　　　`[nul]`
n_incomplete_true.json　　　　　　　　　　　`[tru]`
n_number_++.json　　　　　　　　　　　　　　　`[++1234]`
n_number_+1.json　　　　　　　　　　　　　　　`[+1]`
n_number_+Inf.json　　　　　　　　　　　　　　`[+Inf]`
n_number_-01.json　　　　　　　　　　　　　　　`[-01]`
n_number_-1.0..json　　　　　　　　　　　　　`[-1.0.]`
n_number_-2..json　　　　　　　　　　　　　　`[-2.]`

JSON Parsing Tests

File	Result
n_number_-NaN.json	[-NaN]
n_number_.-1.json	[.-1]
n_number_.2e-3.json	[.2e-3]
n_number_0.1.2.json	[0.1.2]
n_number_0.3e+.json	[0.3e+]
n_number_0.3e.json	[0.3e]
n_number_0.e1.json	[0.e1]
n_number_0_capital_E+.json	[0E+]
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_number_1.0e.json	[1.0e]
n_number_1_000.json	[1 000.0]
n_number_1eE2.json	[1eE2]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_9.e+.json	[9.e+]
n_number_Inf.json	[Inf]
n_number_NaN.json	[NaN]
n_number_U+FF11_fullwidth_digit_one.json	[EFBC91] <=> [1]
n_number_expression.json	[1+2]
n_number_hex_1_digit.json	[0x1]
n_number_hex_2_digits.json	[0x42]
n_number_infinity.json	[Infinity]
n_number_invalid+-.json	[0e+-1]
n_number_invalid-negative-real.json	[-123.123foo]
n_number_invalid-utf-8-in-bigger-int.json	[123E5] <=> [123]
n_number_invalid-utf-8-in-exponent.json	[1e1E5] <=> [1e1]
n_number_invalid-utf-8-in-int.json	[0E5]0A <=> [0]
n_number_minus_infinity.json	[-Infinity]
n_number_minus_sign_with_trailing_garbage.json	[-foo]
n_number_minus_space_1.json	[- 1]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_neg_real_without_int_part.json	[-.123]
n_number_neg_with_garbage_at_end.json	[-1x]
n_number_real_garbage_after_e.json	[1ea]
n_number_real_with_invalid_utf8_after_e.json	[1eE5] <=> [1e]
n_number_real_without_fractional_part.json	[1.]
n_number_starting_with_dot.json	[.123]
n_number_with_alpha.json	[1.2a-3]
n_number_with_alpha_char.json	[1.8011670033376514H-308]
n_number_with_leading_zero.json	[012]
n_object_bad_value.json	["x", truth]
n_object_key_with_single_quotes.json	{key: 'value'}
n_object_non_string_key.json	{1:1}
n_object_non_string_key_but_huge_number_instead.json	{9999E9999:1}
n_object_pi_in_key_and_trailing_comma.json	{"B9":"0",} <=> {"":"0",}
n_object_single_quote.json	{'a':0}
n_object_trailing_comma.json	{"id":0,}
n_object_trailing_comment.json	{"a":"b"}/**/
n_object_trailing_comment_open.json	{"a":"b"}/**//
n_object_trailing_comment_slash_open.json	{"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json	{"a":"b"}/
n_object_unquoted_key.json	{a: "b"}
n_object_with_trailing_garbage.json	{"a":"b"}#
n_string_accentuated_char_no_quotes.json	[C3A9] <=> [é]
n_string_single_quote.json	['single quote']
n_string_unescaped_tab.json	["09"] <=> [" "]
n_structure_U+2060_word_joined.json	[E281A0] <=> []
n_structure_angle_bracket_null.json	[]
n_structure_array_trailing_garbage.json	[1]x
n_structure_array_with_extra_array_close.json	[1]]
n_structure_capitalized_True.json	[True]
n_structure_double_array.json	[][]

n_structure_object_followed_by_closing_object.json	{}}
n_structure_object_with_trailing_garbage.json	{"a": true} "x"
n_structure_trailing_#.json	{"a":"b"}#{}
n_structure_whitespace_U+2060_word_joiner.json	[E281A0] <=> []
n_structure_whitespace_formfeed.json	[0C] <=> []
y_object_duplicated_key.json	{"a":"b","a":"c"}
y_object_duplicated_key_and_value.json	{"a":"b","a":"b"}
y_string_space.json	" "
y_structure_lonely_false.json	false
y_structure_lonely_int.json	42
y_structure_lonely_negative_real.json	-0.1
y_structure_lonely_null.json	null
y_structure_lonely_string.json	"asd"
y_structure_lonely_true.json	true
y_structure_string_empty.json	""

JavaScript

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832423423234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}

[Json.NET 9.0.1](#)

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]

i_number_very_big_negative_int.json	[-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_invalid_utf8_after_escape.json	(MISSING FILE)
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_array_comma_after_close.json	[""],
n_array_comma_and_number.json	[,1]
n_array_double_comma.json	[1,,2]
n_array_double_extra_comma.json	["x",,]
n_array_extra_close.json	["x"]]
n_array_extra_comma.json	["",]
n_array_incomplete.json	["x"
n_array_just_comma.json	[,]
n_array_missing_value.json	[, ""]
n_array_newlines_unclosed.json	["a",0A40A,1, <=> ["a", 4 ,1,
n_array_number_and_comma.json	[1,]
n_array_number_and_several_commas.json	[1,,]
n_array_unclosed.json	[""
n_array_unclosed_trailing_comma.json	[1,
n_array_unclosed_with_new_lines.json	[1,0A10A,1 <=> [1, 1 ,1
n_array_unclosed_with_object_inside.json	[{}
n_multidigit_number_then_00.json	12300 <=> 123
n_number_-01.json	[-01]
n_number_-2..json	[-2.]
n_number_.2e-3.json	[.2e-3]
n_number_0.e1.json	[0.e1]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_NaN.json	[NaN]
n_number_hex_1_digit.json	[0x1]
n_number_hex_2_digits.json	[0x42]
n_number_infinity.json	[Infinity]
n_number_minus_infinity.json	[-Infinity]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_neg_real_without_int_part.json	[-.123]
n_number_real_without_fractional_part.json	[1.]
n_number_starting_with_dot.json	[.123]
n_number_with_leading_zero.json	[012]
n_object_key_with_single_quotes.json	{key: 'value'}
n_object_non_string_key.json	{1:1}
n_object_non_string_key_but_huge_number_instead.json	{9999E9999:1}
n_object_pi_in_key_and_trailing_comma.json	{"B9":"0",} <=> {"":"0",}
n_object_repeated_null_null.json	{null:null,null:null}
n_object_single_quote.json	{'a':0}

n_object_trailing_comma.json	`{"id":0,}`
n_object_trailing_comment.json	`{"a":"b"}/**/`
n_object_trailing_comment_open.json	`{"a":"b"}/**//`
n_object_trailing_comment_slash_open.json	`{"a":"b"}//`
n_object_trailing_comment_slash_open_incomplete.json	`{"a":"b"}/`
n_object_unquoted_key.json	`{a: "b"}`
n_object_with_trailing_garbage.json	`{"a":"b"}#`
n_single_space.json	
n_string_single_quote.json	`['single quote']`
n_string_unescaped_crtl_char.json	`["a00a"] <=> ["aa"]`
n_string_unescaped_newline.json	`["new0Aline"] <=> ["new line"]`
n_string_unescaped_tab.json	`["09"] <=> [" "]`
n_string_with_trailing_garbage.json	`""x`
n_structure_UTF8_BOM_no_data.json	`EFBBBF <=>`
n_structure_array_trailing_garbage.json	`[1]x`
n_structure_array_with_extra_array_close.json	`[1]]`
n_structure_close_unopened_array.json	`1]`
n_structure_double_array.json	`[][]`
n_structure_lone-invalid-utf-8.json	`E5 <=>`
n_structure_lone-open-bracket.json	`[`
n_structure_no_data.json	
n_structure_null-byte-outside-string.json	`[00] <=> []`
n_structure_object_followed_by_closing_object.json	`{}}`
n_structure_object_with_comment.json	`{"a":/*comment*/"b"}`
n_structure_object_with_trailing_garbage.json	`{"a": true} "x"`
n_structure_open_array_comma.json	`[,`
n_structure_open_array_open_object.json	`[{`
n_structure_open_array_string.json	`["a`
n_structure_single_eacute.json	`E9 <=>`
n_structure_trailing_#.json	`{"a":"b"}#{}`
n_structure_unclosed_array.json	`[1`
n_structure_whitespace_formfeed.json	`[0C] <=> []`

Lua JSON 20160916.19

i_number_double_huge_neg_exp.json	`[123.456e-789]`
i_number_huge_exp.json	`[0.4e00669999999999999999999999999999(...)`
i_number_neg_int_huge_exp.json	`[-1e+9999]`
i_number_pos_double_huge_exp.json	`[1.5e+9999]`
i_number_real_neg_overflow.json	`[-123123e100000]`
i_number_real_pos_overflow.json	`[123123e100000]`
i_number_real_underflow.json	`[123e-10000000]`
i_number_too_big_neg_int.json	`[-123123123123123123123123123123]`
i_number_too_big_pos_int.json	`[100000000000000000000]`
i_number_very_big_negative_int.json	`[-237462374673276894279832749832(...)`
i_object_key_lone_2nd_surrogate.json	`{"\uDFAA":0}`
i_string_1st_surrogate_but_2nd_missing.json	`["\uDADA"]`
i_string_1st_valid_surrogate_2nd_invalid.json	`["\uD888\u1234"]`
i_string_UTF-16LE_with_BOM.json	`FFFE[00"00E900"00]00 <=> [""]`
i_string_UTF-8_invalid_sequence.json	`["E697A5D188FA"] <=> ["日ш"]`
i_string_UTF8_surrogate_U+D800.json	`["EDA080"] <=> [""]`
i_string_incomplete_surrogate_and_escape_valid.json	`["\uD800\n"]`
i_string_incomplete_surrogate_pair.json	`["\uDd1ea"]`
i_string_incomplete_surrogates_escape_valid.json	`["\uD800\uD800\n"]`
i_string_invalid_lonely_surrogate.json	`["\ud800"]`
i_string_invalid_surrogate.json	`["\ud800abc"]`
i_string_invalid_utf-8.json	`["FF"] <=> [""]`
i_string_inverted_surrogates_U+1D11E.json	`["\uDd1e\uD834"]`
i_string_iso_latin_1.json	`["E9"] <=> [""]`
i_string_lone_second_surrogate.json	`["\uDFAA"]`
i_string_lone_utf8_continuation_byte.json	`["81"] <=> [""]`
i_string_not_in_unicode_range.json	`["F4BFBFBF"] <=> [""]`
i_string_overlong_sequence_2_bytes.json	`["C0AF"] <=> [""]`
i_string_overlong_sequence_6_bytes.json	`["FC83BFBFBFBF"] <=> [""]`
i_string_overlong_sequence_6_bytes_null.json	`["FC8080808080"] <=> [""]`
i_string_truncated-utf-8.json	`["E0FF"] <=> [""]`

```
i_string_utf16BE_no_BOM.json                    00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
n_array_comma_after_close.json                  [""],
n_array_extra_close.json                        ["x"]]
n_multidigit_number_then_00.json                12300 <=> 123
n_object_trailing_comment.json                  {"a":"b"}/**/
n_object_trailing_comment_open.json             {"a":"b"}/**//
n_object_trailing_comment_slash_open.json       {"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json  {"a":"b"}/
n_object_with_trailing_garbage.json             {"a":"b"}#
n_string_1_surrogate_then_escape_u1.json        (MISSING FILE)
n_string_1_surrogate_then_escape_u1x.json       (MISSING FILE)
n_string_1_surrogate_then_escape_u.json         ["\uD800\u"]
n_string_backslash_00.json                      ["\00"] <=> ["\"]
n_string_escape_x.json                          ["\x00"]
n_string_escaped_ctrl_char_tab.json             ["\09"] <=> ["\ "]
n_string_escaped_emoji.json                     ["\F09F8C80"] <=> ["\🌀"]
n_string_incomplete_escaped_character.json      ["\u00A"]
n_string_incomplete_surrogate.json              ["\uD834\uDd"]
n_string_incomplete_surrogate_escape_invalid.json  ["\uD800\uD800\x"]
n_string_invalid-utf-8-in-escape.json           ["\uE5"] <=> ["\u"]
n_string_invalid_backslash_esc.json             ["\a"]
n_string_invalid_unicode_escape.json            ["\uqqqq"]
n_string_invalid_utf8_after_escape.json         ["\E5"] <=> ["\"]
n_string_unescaped_crtl_char.json               ["a00a"] <=> ["aa"]
n_string_unescaped_newline.json                 ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json                     ["09"] <=> [" "]
n_string_unicode_CapitalU.json                  "\UA66D"
n_string_with_trailing_garbage.json             ""x
n_structure_array_trailing_garbage.json         [1]x
n_structure_array_with_extra_array_close.json   [1]]
n_structure_close_unopened_array.json           1]
n_structure_double_array.json                   [][]
n_structure_number_with_trailing_garbage.json   2@
n_structure_object_followed_by_closing_object.json  {}}
n_structure_object_with_trailing_garbage.json   {"a": true} "x"
n_structure_trailing_#.json                     {"a":"b"}#{}
y_structure_lonely_null.json                    null
```

Lua dkjson

```
i_number_double_huge_neg_exp.json               [123.456e-789]
i_number_huge_exp.json                          [0.4e006699999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                  [-1e+9999]
i_number_pos_double_huge_exp.json               [1.5e+9999]
i_number_real_neg_overflow.json                 [-123123e100000]
i_number_real_pos_overflow.json                 [123123e100000]
i_number_real_underflow.json                    [123e-10000000]
i_number_too_big_neg_int.json                   [-123123123123123123123123123123]
i_number_too_big_pos_int.json                   [100000000000000000000]
i_number_very_big_negative_int.json             [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json            {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json     ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                 FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json  ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
```

i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_array_1_true_without_comma.json	[1 true]
n_array_colon_instead_of_comma.json	["": 1]
n_array_comma_after_close.json	[""],
n_array_extra_close.json	["x"]]
n_array_extra_comma.json	["",]
n_array_inner_array_no_comma.json	[3[4]]
n_array_items_separated_by_semicolon.json	[1:2]
n_array_number_and_comma.json	[1,]
n_multidigit_number_then_00.json	12300 <=> 123
n_number_-01.json	[-01]
n_number_-2..json	[-2.]
n_number_.2e-3.json	[.2e-3]
n_number_0.e1.json	[0.e1]
n_number_1_000.json	[1 000.0]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_neg_real_without_int_part.json	[-.123]
n_number_real_without_fractional_part.json	[1.]
n_number_starting_with_dot.json	[.123]
n_number_with_leading_zero.json	[012]
n_object_comma_instead_of_colon.json	{"x", null}
n_object_garbage_at_end.json	{"a":"a" 123}
n_object_missing_semicolon.json	{"a" "b"}
n_object_non_string_key.json	{1:1}
n_object_non_string_key_but_huge_number_instead.json	{9999E9999:1}
n_object_pi_in_key_and_trailing_comma.json	{"B9":"0",} <=> {"":"0",}
n_object_trailing_comma.json	{"id":0,}
n_object_trailing_comment.json	{"a":"b"}/**/
n_object_trailing_comment_open.json	{"a":"b"}/**//
n_object_trailing_comment_slash_open.json	{"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json	{"a":"b"}/
n_object_with_single_string.json	{ "foo" : "bar", "a" }
n_object_with_trailing_garbage.json	{"a":"b"}#
n_string_1_surrogate_then_escape u1.json	(MISSING FILE)
n_string_1_surrogate_then_escape u1x.json	(MISSING FILE)
n_string_1_surrogate_then_escape_u.json	["\uD800\u"]
n_string_backslash_00.json	["\00"] <=> ["\"]
n_string_escape_x.json	["\x00"]
n_string_escaped_ctrl_char_tab.json	["\09"] <=> ["\ "]
n_string_escaped_emoji.json	["\F09F8C80"] <=> ["\▯"]
n_string_incomplete_escaped_character.json	["\u00A"]
n_string_incomplete_surrogate.json	["\uD834\uDd"]
n_string_incomplete_surrogate_escape_invalid.json	["\uD800\uD800\x"]
n_string_invalid-utf-8-in-escape.json	["\uE5"] <=> ["\u"]
n_string_invalid_backslash_esc.json	["\a"]
n_string_invalid_unicode_escape.json	["\uqqqq"]
n_string_invalid_utf8_after_escape.json	["\E5"] <=> ["\"]
n_string_unescaped_crtl_char.json	["a00a"] <=> ["aa"]
n_string_unescaped_newline.json	["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json	["09"] <=> [" "]
n_string_unicode_CapitalU.json	"\UA66D"
n_string_with_trailing_garbage.json	""x
n_structure_array_trailing_garbage.json	[1]x

n_structure_array_with_extra_array_close.json	[1]]
n_structure_close_unopened_array.json	1]
n_structure_double_array.json	[][]
n_structure_number_with_trailing_garbage.json	2@
n_structure_object_followed_by_closing_object.json	{}}
n_structure_object_with_comment.json	{"a":/*comment*/"b"}
n_structure_object_with_trailing_garbage.json	{"a": true} "x"
n_structure_trailing_#.json	{"a":"b"}#{}
n_structure_whitespace_formfeed.json	[0C] <=> []

Nim

OCaml Yojson

Obj-C Apple NSJSONSerialization

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_array_extra_comma.json	["",]
n_array_number_and_comma.json	[1,]
n_object_trailing_comma.json	{"id":0,}

Obj-C JSONKit

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]

i_number_too_big_neg_int.json   [-123123123123123123123123123123]
i_number_too_big_pos_int.json   [100000000000000000000]
i_number_very_big_negative_int.json   [-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json   {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json   ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json   FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json   ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json   ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json   ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json   ["\ud800"]
i_string_invalid_surrogate.json   ["\ud800abc"]
i_string_invalid_utf-8.json   ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json   ["\uDd1e\uD834"]
i_string_iso_latin_1.json   ["E9"] <=> [""]
i_string_lone_second_surrogate.json   ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json   ["81"] <=> [""]
i_string_not_in_unicode_range.json   ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json   ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json   ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json   ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json   00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json   [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json   [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json   EFBBBF{} <=> {}
n_structure_100000_opening_arrays.json   [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
n_structure_no_data.json
n_structure_open_array_object.json   [{"":[{"":[{"":[{"":[{"":[{"":[(...)
y_object_escaped_null_in_key.json   {"foo\u0000bar": 42}
y_string_escaped_noncharacter.json   ["\uFFFF"]
y_string_last_surrogates_1_and_2.json   ["\uDBFF\uDFFF"]
y_string_nonCharacterInUTF-8_U+10FFFF.json   ["F48FBFBF"] <=> ["􏿿"]
y_string_nonCharacterInUTF-8_U+FFFF.json   ["EFBFBF"] <=> ["￿"]
y_string_null_escape.json   ["\u0000"]
y_string_space.json   " "
y_string_unicode_U+10FFFE_nonchar.json   ["\uDBFF\uDFFE"]
y_string_unicode_U+1FFFE_nonchar.json   ["\uD83F\uDFFE"]
y_string_unicode_U+FDD0_nonchar.json   ["\uFDD0"]
y_string_unicode_U+FFFE_nonchar.json   ["\uFFFE"]
y_structure_lonely_false.json   false
y_structure_lonely_int.json   42
y_structure_lonely_negative_real.json   -0.1
y_structure_lonely_null.json   null
y_structure_lonely_string.json   "asd"
y_structure_lonely_true.json   true
y_structure_string_empty.json   ""

Obj-C SBJSON 4.0.3

i_number_double_huge_neg_exp.json   [123.456e-789]
i_number_huge_exp.json   [0.4e006699999999999999999999999999999(...)
i_number_neg_int_huge_exp.json   [-1e+9999]
i_number_pos_double_huge_exp.json   [1.5e+9999]
i_number_real_neg_overflow.json   [-123123e100000]
i_number_real_pos_overflow.json   [123123e100000]
i_number_real_underflow.json   [123e-10000000]
i_number_too_big_neg_int.json   [-123123123123123123123123123123]
i_number_too_big_pos_int.json   [100000000000000000000]
i_number_very_big_negative_int.json   [-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json   {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json   ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json   FFFE[00"00E900"00]00 <=> [""]

```
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json  ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
i_string_iso_latin_1.json                       ["E9"] <=> [""]
i_string_lone_second_surrogate.json             ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json       ["81"] <=> [""]
i_string_not_in_unicode_range.json              ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json         ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json         ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json    ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                    00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
n_array_comma_after_close.json                  [""],
n_array_extra_close.json                        ["x"]]
n_number_neg_real_without_int_part.json         [-.123]
n_object_pi_in_key_and_trailing_comma.json      {"B9":"0",} <=> {"":"0",}
n_object_trailing_comment.json                  {"a":"b"}/**/
n_object_trailing_comment_open.json             {"a":"b"}/**//
n_object_trailing_comment_slash_open.json       {"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json  {"a":"b"}/
n_object_with_trailing_garbage.json             {"a":"b"}#
n_structure_array_trailing_garbage.json         [1]x
n_structure_array_with_extra_array_close.json   [1]]
n_structure_double_array.json                   [][]
n_structure_object_followed_by_closing_object.json  {}}
n_structure_object_with_trailing_garbage.json   {"a": true} "x"
n_structure_trailing_#.json                     {"a":"b"}#{}
y_string_space.json                             " "
y_structure_lonely_false.json                   false
y_structure_lonely_int.json                     42
y_structure_lonely_negative_real.json           -0.1
y_structure_lonely_null.json                    null
y_structure_lonely_string.json                  "asd"
y_structure_lonely_true.json                    true
y_structure_string_empty.json                   ""
```

Obj-C SBJSON 4.0.4

```
i_number_double_huge_neg_exp.json               [123.456e-789]
i_number_huge_exp.json                          [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                  [-1e+9999]
i_number_pos_double_huge_exp.json               [1.5e+9999]
i_number_real_neg_overflow.json                 [-123123e100000]
i_number_real_pos_overflow.json                 [123123e100000]
i_number_real_underflow.json                    [123e-10000000]
i_number_too_big_neg_int.json                   [-123123123123123123123123123123]
i_number_too_big_pos_int.json                   [100000000000000000000]
i_number_very_big_negative_int.json             [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json            {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json     ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                 FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json  ["\uD800\uD800\n"]
```

i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_array_comma_after_close.json	[""],
n_array_extra_close.json	["x"]]
n_number_neg_real_without_int_part.json	[-.123]
n_object_trailing_comment.json	{"a":"b"}/**/
n_object_trailing_comment_open.json	{"a":"b"}/**//
n_object_trailing_comment_slash_open.json	{"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json	{"a":"b"}/
n_object_with_trailing_garbage.json	{"a":"b"}#
n_structure_array_trailing_garbage.json	[1]x
n_structure_array_with_extra_array_close.json	[1]]
n_structure_double_array.json	[][]
n_structure_object_followed_by_closing_object.json	{}}
n_structure_object_with_trailing_garbage.json	{"a": true} "x"
n_structure_trailing_#.json	{"a":"b"}#{}
y_string_space.json	" "
y_structure_lonely_false.json	false
y_structure_lonely_int.json	42
y_structure_lonely_negative_real.json	-0.1
y_structure_lonely_null.json	null
y_structure_lonely_string.json	"asd"
y_structure_lonely_true.json	true
y_structure_string_empty.json	""

Obj-C SBJson 5.0.0

Obj-C TouchJSON

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]

i_string_inverted_surrogates_U+1D11E.json   ["\uDd1e\uD834"]
i_string_iso_latin_1.json   ["E9"] <=> [""]
i_string_lone_second_surrogate.json   ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json   ["81"] <=> [""]
i_string_not_in_unicode_range.json   ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json   ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json   ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json   ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json   00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json   [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json   [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json   EFBBBF{} <=> {}
n_array_extra_comma.json   ["",]
n_array_number_and_comma.json   [1,]
n_number_-01.json   [-01]
n_number_-2..json   [-2.]
n_number_0.3e+.json   [0.3e+]
n_number_0.3e.json   [0.3e]
n_number_0.e1.json   [0.e1]
n_number_0_capital_E+.json   [0E+]
n_number_0_capital_E.json   [0E]
n_number_0e+.json   [0e+]
n_number_0e.json   [0e]
n_number_1.0e+.json   [1.0e+]
n_number_1.0e-.json   [1.0e-]
n_number_1.0e.json   [1.0e]
n_number_2.e+3.json   [2.e+3]
n_number_2.e-3.json   [2.e-3]
n_number_2.e3.json   [2.e3]
n_number_9.e+.json   [9.e+]
n_number_neg_int_starting_with_zero.json   [-012]
n_number_neg_real_without_int_part.json   [-.123]
n_number_real_without_fractional_part.json   [1.]
n_number_with_leading_zero.json   [012]
n_object_trailing_comma.json   {"id":0,}
n_string_unescaped_crtl_char.json   ["a00a"] <=> ["aa"]
n_string_unescaped_newline.json   ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json   ["09"] <=> [" "]
n_structure_100000_opening_arrays.json   [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
n_structure_open_array_object.json   [{"":[{"":[{"":[{"":[{"":[{"":[(...)
n_structure_whitespace_formfeed.json   [0C] <=> []

PHP 5.5.36

i_number_double_huge_neg_exp.json   [123.456e-789]
i_number_huge_exp.json   [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json   [-1e+9999]
i_number_pos_double_huge_exp.json   [1.5e+9999]
i_number_real_neg_overflow.json   [-123123e100000]
i_number_real_pos_overflow.json   [123123e100000]
i_number_real_underflow.json   [123e-10000000]
i_number_too_big_neg_int.json   [-123123123123123123123123123123123]
i_number_too_big_pos_int.json   [100000000000000000000]
i_number_very_big_negative_int.json   [-237462374673276894279832749832\4234(...)
i_object_key_lone_2nd_surrogate.json   {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json   ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json   FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json   ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json   ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json   ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json   ["\ud800"]
i_string_invalid_surrogate.json   ["\ud800abc"]

i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_number_-2..json	[-2.]
n_number_0.e1.json	[0.e1]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_real_without_fractional_part.json	[1.]
n_structure_no_data.json	

[Perl Cpanel::JSON::XS](#)

Perl JSON

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e006699999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_multidigit_number_then_00.json	12300 <=> 123

[Perl JSON::PP](#)

```
i_number_double_huge_neg_exp.json              [123.456e-789]
i_number_huge_exp.json                         [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                 [-1e+9999]
i_number_pos_double_huge_exp.json              [1.5e+9999]
i_number_real_neg_overflow.json                [-123123e100000]
i_number_real_pos_overflow.json                [123123e100000]
i_number_real_underflow.json                   [123e-10000000]
i_number_too_big_neg_int.json                  [-123123123123123123123123123123]
i_number_too_big_pos_int.json                  [100000000000000000000]
i_number_very_big_negative_int.json            [-237462374673276894279832749832234(...)
i_object_key_lone_2nd_surrogate.json           {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json    ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json  ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json           ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json            ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json        ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json  ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json         ["\ud800"]
i_string_invalid_surrogate.json                ["\ud800abc"]
i_string_invalid_utf-8.json                    ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json      ["\uDd1e\uD834"]
i_string_iso_latin_1.json                      ["E9"] <=> [""]
i_string_lone_second_surrogate.json            ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json      ["81"] <=> [""]
i_string_not_in_unicode_range.json             ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json        ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json        ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json   ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                  ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                   00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                   [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json             [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json        EFBBBF{} <=> {}
n_multidigit_number_then_00.json               12300 <=> 123
n_number_-01.json                              [-01]
n_number_neg_int_starting_with_zero.json       [-012]
n_object_trailing_comment.json                 {"a":"b"}/**/
n_object_trailing_comment_slash_open.json      {"a":"b"}//
n_structure_null-byte-outside-string.json      [00] <=> []
n_structure_object_with_comment.json           {"a":/*comment*/"b"}
n_structure_whitespace_formfeed.json           [0C] <=> []
```

Perl JSON::XS

```
i_number_double_huge_neg_exp.json              [123.456e-789]
i_number_huge_exp.json                         [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                 [-1e+9999]
i_number_pos_double_huge_exp.json              [1.5e+9999]
i_number_real_neg_overflow.json                [-123123e100000]
i_number_real_pos_overflow.json                [123123e100000]
i_number_real_underflow.json                   [123e-10000000]
i_number_too_big_neg_int.json                  [-123123123123123123123123123123]
i_number_too_big_pos_int.json                  [100000000000000000000]
i_number_very_big_negative_int.json            [-237462374673276894279832749832234(...)
i_object_key_lone_2nd_surrogate.json           {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json    ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json  ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json           ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json            ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json        ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json  ["\uD800\uD800\n"]
```

```
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
i_string_iso_latin_1.json                       ["E9"] <=> [""]
i_string_lone_second_surrogate.json             ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json       ["81"] <=> [""]
i_string_not_in_unicode_range.json              ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json         ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json         ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json    ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                    00["00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
n_multidigit_number_then_00.json                12300 <=> 123
```

Python 2.7.10

```
i_number_double_huge_neg_exp.json               [123.456e-789]
i_number_huge_exp.json                          [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                  [-1e+9999]
i_number_pos_double_huge_exp.json               [1.5e+9999]
i_number_real_neg_overflow.json                 [-123123e100000]
i_number_real_pos_overflow.json                 [123123e100000]
i_number_real_underflow.json                    [123e-10000000]
i_number_too_big_neg_int.json                   [-123123123123123123123123123123]
i_number_too_big_pos_int.json                   [100000000000000000000]
i_number_very_big_negative_int.json             [-237462374673276894279832749832342 34(...)
i_object_key_lone_2nd_surrogate.json            {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json     ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                 FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
i_string_iso_latin_1.json                       ["E9"] <=> [""]
i_string_lone_second_surrogate.json             ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json       ["81"] <=> [""]
i_string_not_in_unicode_range.json              ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json         ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json         ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json    ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                    00["00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
n_number_NaN.json                               [NaN]
n_number_infinity.json                          [Infinity]
n_number_minus_infinity.json                    [-Infinity]
```

Python 3.5.2

```
i_number_double_huge_neg_exp.json               [123.456e-789]
i_number_huge_exp.json                          [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                  [-1e+9999]
i_number_pos_double_huge_exp.json               [1.5e+9999]
```

```
i_number_real_neg_overflow.json            [-123123e100000]
i_number_real_pos_overflow.json            [123123e100000]
i_number_real_underflow.json               [123e-10000000]
i_number_too_big_neg_int.json              [-123123123123123123123123123]
i_number_too_big_pos_int.json              [100000000000000000000]
i_number_very_big_negative_int.json        [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json       {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json            FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json       ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json        ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json    ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json     ["\ud800"]
i_string_invalid_surrogate.json            ["\ud800abc"]
i_string_invalid_utf-8.json                ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json  ["\uDd1e\uD834"]
i_string_iso_latin_1.json                  ["E9"] <=> [""]
i_string_lone_second_surrogate.json        ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json  ["81"] <=> [""]
i_string_not_in_unicode_range.json         ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json    ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json    ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json              ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json               00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json               [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json         [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json    EFBBBF{} <=> {}
n_number_NaN.json                          [NaN]
n_number_infinity.json                     [Infinity]
n_number_minus_infinity.json               [-Infinity]
```

Python cjson 1.10

Python simplejson 3.10

```
i_number_double_huge_neg_exp.json          [123.456e-789]
i_number_huge_exp.json                      [0.4e006699999999999999999999999999999(...)
i_number_neg_int_huge_exp.json             [-1e+9999]
i_number_pos_double_huge_exp.json          [1.5e+9999]
i_number_real_neg_overflow.json            [-123123e100000]
i_number_real_pos_overflow.json            [123123e100000]
i_number_real_underflow.json               [123e-10000000]
i_number_too_big_neg_int.json              [-123123123123123123123123123]
i_number_too_big_pos_int.json              [100000000000000000000]
i_number_very_big_negative_int.json        [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json       {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json            FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json       ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json        ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json    ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json     ["\ud800"]
i_string_invalid_surrogate.json            ["\ud800abc"]
i_string_invalid_utf-8.json                ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json  ["\uDd1e\uD834"]
i_string_iso_latin_1.json                  ["E9"] <=> [""]
i_string_lone_second_surrogate.json        ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json  ["81"] <=> [""]
```

```
i_string_not_in_unicode_range.json        ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json   ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json   ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json             ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json              00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json              [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json        [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json   EFBBBF{} <=> {}
n_number_NaN.json                         [NaN]
n_number_infinity.json                    [Infinity]
n_number_minus_infinity.json              [-Infinity]
```

Python ujson 1.35

```
i_number_double_huge_neg_exp.json         [123.456e-789]
i_number_huge_exp.json                    [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json            [-1e+9999]
i_number_pos_double_huge_exp.json         [1.5e+9999]
i_number_real_neg_overflow.json           [-123123e100000]
i_number_real_pos_overflow.json           [123123e100000]
i_number_real_underflow.json              [123e-10000000]
i_number_too_big_neg_int.json             [-123123123123123123123123123123]
i_number_too_big_pos_int.json             [100000000000000000000]
i_number_very_big_negative_int.json       [-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json      {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json           FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json      ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json       ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json   ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json    ["\ud800"]
i_string_invalid_surrogate.json           ["\ud800abc"]
i_string_invalid_utf-8.json               ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json ["\uDd1e\uD834"]
i_string_iso_latin_1.json                 ["E9"] <=> [""]
i_string_lone_second_surrogate.json       ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json ["81"] <=> [""]
i_string_not_in_unicode_range.json        ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json   ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json   ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json             ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json              00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json              [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json        [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json   EFBBBF{} <=> {}
n_array_just_minus.json                   [-]
n_number_-01.json                         [-01]
n_number_-2..json                         [-2.]
n_number_0.3e+.json                       [0.3e+]
n_number_0.3e.json                        [0.3e]
n_number_0.e1.json                        [0.e1]
n_number_0_capital_E+.json                [0E+]
n_number_0_capital_E.json                 [0E]
n_number_0e+.json                         [0e+]
n_number_0e.json                          [0e]
n_number_1.0e+.json                       [1.0e+]
n_number_1.0e-.json                       [1.0e-]
n_number_1.0e.json                        [1.0e]
n_number_2.e+3.json                       [2.e+3]
n_number_2.e-3.json                       [2.e-3]
n_number_2.e3.json                        [2.e3]
```

n_number_9.e+.json   [9.e+]
n_number_neg_int_starting_with_zero.json   [-012]
n_number_neg_real_without_int_part.json   [-.123]
n_number_real_without_fractional_part.json   [1.]
n_number_with_leading_zero.json   [012]
n_object_pi_in_key_and_trailing_comma.json   {"B9":"0",} <=> {"":"0",}
n_object_trailing_comma.json   {"id":0,}
n_string_unescaped_newline.json   ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json   ["09"] <=> [" "]

Qt JSON

R jsonlite

i_number_double_huge_neg_exp.json   [123.456e-789]
i_number_huge_exp.json   [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json   [-1e+9999]
i_number_pos_double_huge_exp.json   [1.5e+9999]
i_number_real_neg_overflow.json   [-123123e100000]
i_number_real_pos_overflow.json   [123123e100000]
i_number_real_underflow.json   [123e-10000000]
i_number_too_big_neg_int.json   [-123123123123123123123123123123]
i_number_too_big_pos_int.json   [100000000000000000000]
i_number_very_big_negative_int.json   [-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json   {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json   ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json   FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json   ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json   ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json   ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json   ["\ud800"]
i_string_invalid_surrogate.json   ["\ud800abc"]
i_string_invalid_utf-8.json   ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json   ["\uDd1e\uD834"]
i_string_iso_latin_1.json   ["E9"] <=> [""]
i_string_lone_second_surrogate.json   ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json   ["81"] <=> [""]
i_string_not_in_unicode_range.json   ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json   ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json   ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json   ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json   00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json   [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json   [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json   EFBBBF{} <=> {}
n_object_trailing_comment.json   {"a":"b"}/**/
n_object_trailing_comment_slash_open.json   {"a":"b"}//
n_structure_object_with_comment.json   {"a":/*comment*/"b"}
n_structure_whitespace_formfeed.json   [0C] <=> []

R rjson

i_number_double_huge_neg_exp.json   [123.456e-789]
i_number_huge_exp.json   [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json   [-1e+9999]
i_number_pos_double_huge_exp.json   [1.5e+9999]
i_number_real_neg_overflow.json   [-123123e100000]
i_number_real_pos_overflow.json   [123123e100000]
i_number_real_underflow.json   [123e-10000000]
i_number_too_big_neg_int.json   [-123123123123123123123123123123]

i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_array_comma_after_close.json	[""],
n_array_extra_close.json	["x"]]
n_array_extra_comma.json	["",]
n_array_just_minus.json	[-]
n_array_number_and_comma.json	[1,]
n_multidigit_number_then_00.json	12300 <=> 123
n_number_-2..json	[-2.]
n_number_0.3e+.json	[0.3e+]
n_number_0.3e.json	[0.3e]
n_number_0.e1.json	[0.e1]
n_number_0_capital_E+.json	[0E+]
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_number_1.0e.json	[1.0e]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_9.e+.json	[9.e+]
n_number_neg_real_without_int_part.json	[-.123]
n_number_real_without_fractional_part.json	[1.]
n_object_trailing_comment.json	{"a":"b"}/**/
n_object_trailing_comment_open.json	{"a":"b"}/**//
n_object_trailing_comment_slash_open.json	{"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json	{"a":"b"}/
n_object_with_trailing_garbage.json	{"a":"b"}#
n_string_unescaped_newline.json	["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json	["09"] <=> [" "]
n_string_with_trailing_garbage.json	""x
n_structure_array_trailing_garbage.json	[1]x
n_structure_array_with_extra_array_close.json	[1]]
n_structure_close_unopened_array.json	1]
n_structure_double_array.json	[][]
n_structure_number_with_trailing_garbage.json	2@
n_structure_object_followed_by_closing_object.json	{}}
n_structure_object_with_trailing_garbage.json	{"a": true} "x"
n_structure_trailing_#.json	{"a":"b"}#{}

Ruby

```
i_number_double_huge_neg_exp.json              [123.456e-789]
i_number_huge_exp.json                         [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                 [-1e+9999]
i_number_pos_double_huge_exp.json              [1.5e+9999]
i_number_real_neg_overflow.json                [-123123e100000]
i_number_real_pos_overflow.json                [123123e100000]
i_number_real_underflow.json                   [123e-10000000]
i_number_too_big_neg_int.json                  [-123123123123123123123123123123]
i_number_too_big_pos_int.json                  [100000000000000000000]
i_number_very_big_negative_int.json            [-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json           {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json    ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json  ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json           ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json            ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json        ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json         ["\ud800"]
i_string_invalid_surrogate.json                ["\ud800abc"]
i_string_invalid_utf-8.json                    ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json      ["\uDd1e\uD834"]
i_string_iso_latin_1.json                      ["E9"] <=> [""]
i_string_lone_second_surrogate.json            ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json      ["81"] <=> [""]
i_string_not_in_unicode_range.json             ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json        ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json        ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json   ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                  ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                   00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                   [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json             [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json        EFBBBF{} <=> {}
n_object_trailing_comment.json                 {"a":"b"}/**/
n_string_escape_x.json                         ["\x00"]
n_string_escaped_emoji.json                    ["\F09F8C80"] <=> ["\🌀"]
n_string_incomplete_surrogate_escape_invalid.json ["\uD800\uD800\x"]
n_string_invalid_backslash_esc.json            ["\a"]
n_string_invalid_utf8_after_escape.json        ["\E5"] <=> ["\"]
n_string_unicode_CapitalU.json                 "\UA66D"
n_structure_object_with_comment.json           {"a":/*comment*/"b"}
y_structure_lonely_null.json                   null
```

[Ruby Oj (compat mode)](#)

```
i_number_double_huge_neg_exp.json              [123.456e-789]
i_number_huge_exp.json                         [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                 [-1e+9999]
i_number_pos_double_huge_exp.json              [1.5e+9999]
i_number_real_neg_overflow.json                [-123123e100000]
i_number_real_pos_overflow.json                [123123e100000]
i_number_real_underflow.json                   [123e-10000000]
i_number_too_big_neg_int.json                  [-123123123123123123123123123123]
i_number_too_big_pos_int.json                  [100000000000000000000]
i_number_very_big_negative_int.json            [-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json           {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json    ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json  ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json           ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json            ["EDA080"] <=> [""]
```

File	Result
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
y_array_arraysWithSpaces.json	[[]]
y_array_empty-string.json	[""]
y_array_empty.json	[]
y_array_ending_with_newline.json	["a"]
y_array_false.json	[false]
y_array_heterogeneous.json	[null, 1, "1", {}]
y_array_null.json	[null]
y_array_with_1_and_newline.json	[10A] <=> [1]
y_array_with_leading_space.json	[1]
y_array_with_several_null.json	[1,null,null,null,2]
y_array_with_trailing_space.json	[2]
y_number.json	[123e65]
y_number_0e+1.json	[0e+1]
y_number_0e1.json	[0e1]
y_number_after_space.json	[4]
y_number_double_close_to_zero.json	[-0.000000000000000000000000000000000(...)
y_number_int_with_exp.json	[20e1]
y_number_minus_zero.json	[-0]
y_number_negative_int.json	[-123]
y_number_negative_one.json	[-1]
y_number_negative_zero.json	[-0]
y_number_real_capital_e.json	[1E22]
y_number_real_capital_e_neg_exp.json	[1E-2]
y_number_real_capital_e_pos_exp.json	[1E+2]
y_number_real_exponent.json	[123e45]
y_number_real_fraction_exponent.json	[123.456e78]
y_number_real_neg_exp.json	[1e-2]
y_number_real_pos_exponent.json	[1e+2]
y_number_simple_int.json	[123]
y_number_simple_real.json	[123.456789]
y_object.json	{"asd":"sdf", "dfg":"fgh"}
y_object_basic.json	{"asd":"sdf"}
y_object_duplicated_key.json	{"a":"b","a":"c"}
y_object_duplicated_key_and_value.json	{"a":"b","a":"b"}
y_object_empty.json	{}
y_object_empty_key.json	{"":0}
y_object_escaped_null_in_key.json	{"foo\u0000bar": 42}
y_object_extreme_numbers.json	{ "min": -1.0e+28, "max": 1.0e+28 }
y_object_long_strings.json	{"x":[{"id": "xxxxxxxxxxxxxxxxxxxx(...)
y_object_simple.json	{"a":[]}
y_object_string_unicode.json	{"title":"\u041f\u043e\u043b\u0442\u(...)
y_object_with_newlines.json	{0A"a": "b"0A} <=> { "a": "b" }
y_string_1_2_3_bytes_UTF-8_sequences.json	["\u0060\u012a\u12AB"]
y_string_accepted_surrogate_pair.json	["\uD801\udc37"]
y_string_accepted_surrogate_pairs.json	["\ud83d\ude39\ud83d\udc8d"]
y_string_allowed_escapes.json	["\"\\\/\b\f\n\r\t"]
y_string_backslash_and_u_escaped_zero.json	["\\u0000"]
y_string_backslash_doublequotes.json	["\""]

File	Result
y_string_comments.json	["a/*b*/c/*d//e"]
y_string_double_escape_a.json	["\\a"]
y_string_double_escape_n.json	["\\n"]
y_string_escaped_control_character.json	["\u0012"]
y_string_escaped_noncharacter.json	["\uFFFF"]
y_string_in_array.json	["asd"]
y_string_in_array_with_leading_space.json	["asd"]
y_string_last_surrogates_1_and_2.json	["\uDBFF\uDFFF"]
y_string_nbsp_uescaped.json	["new\u00A0line"]
y_string_nonCharacterInUTF-8_U+10FFFF.json	["F48FBFBF"] <=> ["􏿿"]
y_string_nonCharacterInUTF-8_U+1FFFF.json	["F09BBFBF"] <=> ["𛿿"]
y_string_nonCharacterInUTF-8_U+FFFF.json	["EFBFBF"] <=> ["￿"]
y_string_null_escape.json	["\u0000"]
y_string_one-byte-utf-8.json	["\u002c"]
y_string_pi.json	["CF80"] <=> ["π"]
y_string_simple_ascii.json	["asd "]
y_string_space.json	" "
y_string_surrogates_U+1D11E_MUSICAL_SYMBOL_G_CLEF.json	["\uD834\uDd1e"]
y_string_three-byte-utf-8.json	["\u0821"]
y_string_two-byte-utf-8.json	["\u0123"]
y_string_u+2028_line_sep.json	["E280A8"] <=> [" "]
y_string_u+2029_par_sep.json	["E280A9"] <=> [" "]
y_string_uEscape.json	["\u0061\u30af\u30EA\u30b9"]
y_string_uescaped_newline.json	["new\u000Aline"]
y_string_unescaped_char_delete.json	["7F"] <=> ["␡"]
y_string_unicode.json	["\uA66D"]
y_string_unicodeEscapedBackslash.json	["\u005C"]
y_string_unicode_2.json	["E28D82E388B4E28D82"] <=> ["⍂㈴⍂"]
y_string_unicode_U+10FFFE_nonchar.json	["\uDBFF\uDFFE"]
y_string_unicode_U+1FFFE_nonchar.json	["\uD83F\uDFFE"]
y_string_unicode_U+200B_ZERO_WIDTH_SPACE.json	["\u200B"]
y_string_unicode_U+2064_invisible_plus.json	["\u2064"]
y_string_unicode_U+FDD0_nonchar.json	["\uFDD0"]
y_string_unicode_U+FFFE_nonchar.json	["\uFFFE"]
y_string_unicode_escaped_double_quote.json	["\u0022"]
y_string_utf8.json	["E282ACF09D849E"] <=> ["€𝄞"]
y_string_with_del_character.json	["a7Fa"] <=> ["a␡a"]
y_structure_lonely_false.json	false
y_structure_lonely_int.json	42
y_structure_lonely_negative_real.json	-0.1
y_structure_lonely_null.json	null
y_structure_lonely_string.json	"asd"
y_structure_lonely_true.json	true
y_structure_string_empty.json	""
y_structure_trailing_newline.json	["a"]0A <=> ["a"]
y_structure_true_in_array.json	[true]
y_structure_whitespace_array.json	[]

Ruby Oj (strict mode)

File	Result
i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832423234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> ["é"]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]

i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
y_array_arraysWithSpaces.json	[[]]
y_array_empty-string.json	[""]
y_array_empty.json	[]
y_array_ending_with_newline.json	["a"]
y_array_false.json	[false]
y_array_heterogeneous.json	[null, 1, "1", {}]
y_array_null.json	[null]
y_array_with_1_and_newline.json	[10A] <=> [1]
y_array_with_leading_space.json	[1]
y_array_with_several_null.json	[1,null,null,null,2]
y_array_with_trailing_space.json	[2]
y_number.json	[123e65]
y_number_0e+1.json	[0e+1]
y_number_0e1.json	[0e1]
y_number_after_space.json	[4]
y_number_double_close_to_zero.json	[-0.000000000000000000000000000000000(...)
y_number_int_with_exp.json	[20e1]
y_number_minus_zero.json	[-0]
y_number_negative_int.json	[-123]
y_number_negative_one.json	[-1]
y_number_negative_zero.json	[-0]
y_number_real_capital_e.json	[1E22]
y_number_real_capital_e_neg_exp.json	[1E-2]
y_number_real_capital_e_pos_exp.json	[1E+2]
y_number_real_exponent.json	[123e45]
y_number_real_fraction_exponent.json	[123.456e78]
y_number_real_neg_exp.json	[1e-2]
y_number_real_pos_exponent.json	[1e+2]
y_number_simple_int.json	[123]
y_number_simple_real.json	[123.456789]
y_object.json	{"asd":"sdf", "dfg":"fgh"}
y_object_basic.json	{"asd":"sdf"}
y_object_duplicated_key.json	{"a":"b","a":"c"}
y_object_duplicated_key_and_value.json	{"a":"b","a":"b"}
y_object_empty.json	{}
y_object_empty_key.json	{"":0}
y_object_escaped_null_in_key.json	{"foo\u0000bar": 42}
y_object_extreme_numbers.json	{ "min": -1.0e+28, "max": 1.0e+28 }
y_object_long_strings.json	{"x":[{"id": "xxxxxxxxxxxxxxxxxxxxx(...)
y_object_simple.json	{"a":[]}
y_object_string_unicode.json	{"title":"\u041f\u043e\u043b\u0442\u(...)
y_object_with_newlines.json	{0A"a": "b"0A} <=> { "a": "b" }
y_string_1_2_3_bytes_UTF-8_sequences.json	["\u0060\u012a\u12AB"]
y_string_accepted_surrogate_pair.json	["\uD801\udc37"]
y_string_accepted_surrogate_pairs.json	["\ud83d\ude39\ud83d\udc8d"]
y_string_allowed_escapes.json	["\"\\\/\b\f\n\r\t"]
y_string_backslash_and_u_escaped_zero.json	["\\u0000"]
y_string_backslash_doublequotes.json	["\""]

y_string_comments.json   ["a/*b*/c/*d//e"]
y_string_double_escape_a.json   ["\\a"]
y_string_double_escape_n.json   ["\\n"]
y_string_escaped_control_character.json   ["\u0012"]
y_string_escaped_noncharacter.json   ["\uFFFF"]
y_string_in_array.json   ["asd"]
y_string_in_array_with_leading_space.json   ["asd"]
y_string_last_surrogates_1_and_2.json   ["\uDBFF\uDFFF"]
y_string_nbsp_uescaped.json   ["new\u00A0line"]
y_string_nonCharacterInUTF-8_U+10FFFF.json   ["F48FBFBF"] <=> ["􏿿"]
y_string_nonCharacterInUTF-8_U+1FFFF.json   ["F09BBFBF"] <=> ["𛿿"]
y_string_nonCharacterInUTF-8_U+FFFF.json   ["EFBFBF"] <=> ["￿"]
y_string_null_escape.json   ["\u0000"]
y_string_one-byte-utf-8.json   ["\u002c"]
y_string_pi.json   ["CF80"] <=> ["π"]
y_string_simple_ascii.json   ["asd "]
y_string_space.json   " "
y_string_surrogates_U+1D11E_MUSICAL_SYMBOL_G_CLEF.json ["\uD834\uDd1e"]
y_string_three-byte-utf-8.json   ["\u0821"]
y_string_two-byte-utf-8.json   ["\u0123"]
y_string_u+2028_line_sep.json   ["E280A8"] <=> [" "]
y_string_u+2029_par_sep.json   ["E280A9"] <=> [" "]
y_string_uEscape.json   ["\u0061\u30af\u30EA\u30b9"]
y_string_uescaped_newline.json   ["new\u000Aline"]
y_string_unescaped_char_delete.json   ["7F"] <=> ["⌂"]
y_string_unicode.json   ["\uA66D"]
y_string_unicodeEscapedBackslash.json   ["\u005C"]
y_string_unicode_2.json   ["E28D82E388B4E28D82"] <=> ["⍂㈴⍂"]
y_string_unicode_U+10FFFE_nonchar.json   ["\uDBFF\uDFFE"]
y_string_unicode_U+1FFFE_nonchar.json   ["\uD83F\uDFFE"]
y_string_unicode_U+200B_ZERO_WIDTH_SPACE.json   ["\u200B"]
y_string_unicode_U+2064_invisible_plus.json   ["\u2064"]
y_string_unicode_U+FDD0_nonchar.json   ["\uFDD0"]
y_string_unicode_U+FFFE_nonchar.json   ["\uFFFE"]
y_string_unicode_escaped_double_quote.json   ["\u0022"]
y_string_utf8.json   ["E282ACF09D849E"] <=> ["€𝄞"]
y_string_with_del_character.json   ["a7Fa"] <=> ["a⌂a"]
y_structure_lonely_false.json   false
y_structure_lonely_int.json   42
y_structure_lonely_negative_real.json   -0.1
y_structure_lonely_null.json   null
y_structure_lonely_string.json   "asd"
y_structure_lonely_true.json   true
y_structure_string_empty.json   ""
y_structure_trailing_newline.json   ["a"]0A <=> ["a"]
y_structure_true_in_array.json   [true]
y_structure_whitespace_array.json   []

[Ruby Yajl](#)

i_number_double_huge_neg_exp.json   [123.456e-789]
i_number_huge_exp.json   [0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json   [-1e+9999]
i_number_pos_double_huge_exp.json   [1.5e+9999]
i_number_real_neg_overflow.json   [-123123e100000]
i_number_real_pos_overflow.json   [123123e100000]
i_number_real_underflow.json   [123e-10000000]
i_number_too_big_neg_int.json   [-123123123123123123123123123123123]
i_number_too_big_pos_int.json   [100000000000000000000]
i_number_very_big_negative_int.json   [-237462374673276894279832749832423234(...)
i_object_key_lone_2nd_surrogate.json   {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json   ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json   FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json   ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json   ["EDA080"] <=> [""]

File	Result
i_string_incomplete_surrogate_and_escape_valid.json	`["\uD800\n"]`
i_string_incomplete_surrogate_pair.json	`["\uDd1ea"]`
i_string_incomplete_surrogates_escape_valid.json	`["\uD800\uD800\n"]`
i_string_invalid_lonely_surrogate.json	`["\ud800"]`
i_string_invalid_surrogate.json	`["\ud800abc"]`
i_string_invalid_utf-8.json	`["FF"] <=> [""]`
i_string_inverted_surrogates_U+1D11E.json	`["\uDd1e\uD834"]`
i_string_iso_latin_1.json	`["E9"] <=> [""]`
i_string_lone_second_surrogate.json	`["\uDFAA"]`
i_string_lone_utf8_continuation_byte.json	`["81"] <=> [""]`
i_string_not_in_unicode_range.json	`["F4BFBFBF"] <=> [""]`
i_string_overlong_sequence_2_bytes.json	`["C0AF"] <=> [""]`
i_string_overlong_sequence_6_bytes.json	`["FC83BFBFBFBF"] <=> [""]`
i_string_overlong_sequence_6_bytes_null.json	`["FC8080808080"] <=> [""]`
i_string_truncated-utf-8.json	`["E0FF"] <=> [""]`
i_string_utf16BE_no_BOM.json	`00[00"00E900"00] <=> [""]`
i_string_utf16LE_no_BOM.json	`[00"00E900"00]00 <=> [""]`
i_structure_500_nested_arrays.json	`[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)`
i_structure_UTF-8_BOM_empty_object.json	`EFBBBF{} <=> {}`
y_array_arraysWithSpaces.json	`[[] ]`
y_array_empty-string.json	`[""]`
y_array_empty.json	`[]`
y_array_ending_with_newline.json	`["a"]`
y_array_false.json	`[false]`
y_array_heterogeneous.json	`[null, 1, "1", {}]`
y_array_null.json	`[null]`
y_array_with_1_and_newline.json	`[10A] <=> [1 ]`
y_array_with_leading_space.json	`[1]`
y_array_with_several_null.json	`[1,null,null,null,2]`
y_array_with_trailing_space.json	`[2]`
y_number.json	`[123e65]`
y_number_0e+1.json	`[0e+1]`
y_number_0e1.json	`[0e1]`
y_number_after_space.json	`[ 4]`
y_number_double_close_to_zero.json	`[-0.000000000000000000000000000000000(...)`
y_number_int_with_exp.json	`[20e1]`
y_number_minus_zero.json	`[-0]`
y_number_negative_int.json	`[-123]`
y_number_negative_one.json	`[-1]`
y_number_negative_zero.json	`[-0]`
y_number_real_capital_e.json	`[1E22]`
y_number_real_capital_e_neg_exp.json	`[1E-2]`
y_number_real_capital_e_pos_exp.json	`[1E+2]`
y_number_real_exponent.json	`[123e45]`
y_number_real_fraction_exponent.json	`[123.456e78]`
y_number_real_neg_exp.json	`[1e-2]`
y_number_real_pos_exponent.json	`[1e+2]`
y_number_simple_int.json	`[123]`
y_number_simple_real.json	`[123.456789]`
y_object.json	`{"asd":"sdf", "dfg":"fgh"}`
y_object_basic.json	`{"asd":"sdf"}`
y_object_duplicated_key.json	`{"a":"b","a":"c"}`
y_object_duplicated_key_and_value.json	`{"a":"b","a":"b"}`
y_object_empty.json	`{}`
y_object_empty_key.json	`{"":0}`
y_object_escaped_null_in_key.json	`{"foo\u0000bar": 42}`
y_object_extreme_numbers.json	`{ "min": -1.0e+28, "max": 1.0e+28 }`
y_object_long_strings.json	`{"x":[{"id": "xxxxxxxxxxxxxxxxxxxxxx(...)`
y_object_simple.json	`{"a":[]}`
y_object_string_unicode.json	`{"title":"\u041f\u043e\u043b\u0442\u(...)`
y_object_with_newlines.json	`{0A"a": "b"0A} <=> { "a": "b" }`
y_string_1_2_3_bytes_UTF-8_sequences.json	`["\u0060\u012a\u12AB"]`
y_string_accepted_surrogate_pair.json	`["\uD801\udc37"]`
y_string_accepted_surrogate_pairs.json	`["\ud83d\ude39\ud83d\udc8d"]`
y_string_allowed_escapes.json	`["\"\\\/\b\f\n\r\t"]`
y_string_backslash_and_u_escaped_zero.json	`["\\u0000"]`
y_string_backslash_doublequotes.json	`["\""]`

```
y_string_comments.json                              ["a/*b*/c/*d//e"]
y_string_double_escape_a.json                       ["\\a"]
y_string_double_escape_n.json                       ["\\n"]
y_string_escaped_control_character.json             ["\u0012"]
y_string_escaped_noncharacter.json                  ["\uFFFF"]
y_string_in_array.json                              ["asd"]
y_string_in_array_with_leading_space.json           [ "asd"]
y_string_last_surrogates_1_and_2.json               ["\uDBFF\uDFFF"]
y_string_nbsp_uescaped.json                         ["new\u00A0line"]
y_string_nonCharacterInUTF-8_U+10FFFF.json          ["F48FBFBF"] <=> ["􏿿"]
y_string_nonCharacterInUTF-8_U+1FFFF.json           ["F09BBFBF"] <=> ["🿿"]
y_string_nonCharacterInUTF-8_U+FFFF.json            ["EFBFBF"] <=> ["￿"]
y_string_null_escape.json                           ["\u0000"]
y_string_one-byte-utf-8.json                        ["\u002c"]
y_string_pi.json                                    ["CF80"] <=> ["π"]
y_string_simple_ascii.json                          ["asd "]
y_string_space.json                                 " "
y_string_surrogates_U+1D11E_MUSICAL_SYMBOL_G_CLEF.json  ["\uD834\uDd1e"]
y_string_three-byte-utf-8.json                      ["\u0821"]
y_string_two-byte-utf-8.json                        ["\u0123"]
y_string_u+2028_line_sep.json                       ["E280A8"] <=> ["\u2028"]
y_string_u+2029_par_sep.json                        ["E280A9"] <=> ["\u2029"]
y_string_uEscape.json                               ["\u0061\u30af\u30EA\u30b9"]
y_string_uescaped_newline.json                      ["new\u000Aline"]
y_string_unescaped_char_delete.json                 ["7F"] <=> ["␡"]
y_string_unicode.json                               ["\uA66D"]
y_string_unicodeEscapedBackslash.json               ["\u005C"]
y_string_unicode_2.json                             ["E28D82E388B4E28D82"] <=> ["⍂㈴⍂"]
y_string_unicode_U+10FFFE_nonchar.json              ["\uDBFF\uDFFE"]
y_string_unicode_U+1FFFE_nonchar.json               ["\uD83F\uDFFE"]
y_string_unicode_U+200B_ZERO_WIDTH_SPACE.json       ["\u200B"]
y_string_unicode_U+2064_invisible_plus.json         ["\u2064"]
y_string_unicode_U+FDD0_nonchar.json                ["\uFDD0"]
y_string_unicode_U+FFFE_nonchar.json                ["\uFFFE"]
y_string_unicode_escaped_double_quote.json          ["\u0022"]
y_string_utf8.json                                  ["E282ACF09D849E"] <=> ["€𝄞"]
y_string_with_del_character.json                    ["a7Fa"] <=> ["a␡a"]
y_structure_lonely_false.json                       false
y_structure_lonely_int.json                         42
y_structure_lonely_negative_real.json               -0.1
y_structure_lonely_null.json                        null
y_structure_lonely_string.json                      "asd"
y_structure_lonely_true.json                        true
y_structure_string_empty.json                       ""
y_structure_trailing_newline.json                   ["a"]0A <=> ["a"]
y_structure_true_in_array.json                      [true]
y_structure_whitespace_array.json                   []
```

Ruby regex

```
i_number_double_huge_neg_exp.json                   [123.456e-789]
i_number_huge_exp.json                              [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                      [-1e+9999]
i_number_pos_double_huge_exp.json                   [1.5e+9999]
i_number_real_neg_overflow.json                     [-123123e100000]
i_number_real_pos_overflow.json                     [123123e100000]
i_number_real_underflow.json                        [123e-10000000]
i_number_too_big_neg_int.json                       [-123123123123123123123123123123]
i_number_too_big_pos_int.json                       [100000000000000000000]
i_number_very_big_negative_int.json                 [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json                {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json         ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json       ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                     FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json                ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json                 ["EDA080"] <=> [""]
```

i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_string_unescaped_crtl_char.json	["a00a"] <=> ["aa"]
n_string_unescaped_newline.json	["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json	["09"] <=> [" "]
n_structure_capitalized_True.json	[True]
n_structure_open_array_object.json	[{"":[{"":[{"":[{"":[{"":[(...)
n_structure_whitespace_formfeed.json	[0C] <=> []
y_object_escaped_null_in_key.json	{"foo\u0000bar": 42}
y_object_string_unicode.json	{"title":"\u041f\u043e\u043b\u0442\u(...)
y_string_1_2_3_bytes_UTF-8_sequences.json	["\u0060\u012a\u12AB"]
y_string_accepted_surrogate_pair.json	["\uD801\udc37"]
y_string_accepted_surrogate_pairs.json	["\ud83d\ude39\ud83d\udc8d"]
y_string_allowed_escapes.json	["\"\\\/\b\f\n\r\t"]
y_string_backslash_and_u_escaped_zero.json	["\\u0000"]
y_string_backslash_doublequotes.json	["\""]
y_string_double_escape_a.json	["\\a"]
y_string_double_escape_n.json	["\\n"]
y_string_escaped_control_character.json	["\u0012"]
y_string_escaped_noncharacter.json	["\uFFFF"]
y_string_last_surrogates_1_and_2.json	["\uDBFF\uDFFF"]
y_string_nbsp_uescaped.json	["new\u00A0line"]
y_string_null_escape.json	["\u0000"]
y_string_one-byte-utf-8.json	["\u002c"]
y_string_surrogates_U+1D11E_MUSICAL_SYMBOL_G_CLEF.json	["\uD834\uDd1e"]
y_string_three-byte-utf-8.json	["\u0821"]
y_string_two-byte-utf-8.json	["\u0123"]
y_string_uEscape.json	["\u0061\u30af\u30EA\u30b9"]
y_string_uescaped_newline.json	["new\u000Aline"]
y_string_unicode.json	["\uA66D"]
y_string_unicodeEscapedBackslash.json	["\u005C"]
y_string_unicode_U+10FFFE_nonchar.json	["\uDBFF\uDFFE"]
y_string_unicode_U+1FFFE_nonchar.json	["\uD83F\uDFFE"]
y_string_unicode_U+200B_ZERO_WIDTH_SPACE.json	["\u200B"]
y_string_unicode_U+2064_invisible_plus.json	["\u2064"]
y_string_unicode_U+FDD0_nonchar.json	["\uFDD0"]
y_string_unicode_U+FFFE_nonchar.json	["\uFFFE"]
y_string_unicode_escaped_double_quote.json	["\u0022"]

Rust json-rust

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123123]

```
i_number_too_big_pos_int.json                        [100000000000000000000]
i_number_very_big_negative_int.json                  [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json                 {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json          ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json        ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                      FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json                 ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json                  ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json              ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json     ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json               ["\ud800"]
i_string_invalid_surrogate.json                      ["\ud800abc"]
i_string_invalid_utf-8.json                          ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json            ["\uDd1e\uD834"]
i_string_iso_latin_1.json                            ["E9"] <=> [""]
i_string_lone_second_surrogate.json                  ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json            ["81"] <=> [""]
i_string_not_in_unicode_range.json                   ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json              ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json              ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json         ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                        ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                         00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                         [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json                   [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json              EFBBBF{} <=> {}
n_number_-2..json                                    [-2.]
n_number_0.e1.json                                   [0.e1]
n_number_2.e+3.json                                  [2.e+3]
n_number_2.e-3.json                                  [2.e-3]
n_number_2.e3.json                                   [2.e3]
n_number_real_without_fractional_part.json           [1.]
n_string_accentuated_char_no_quotes.json             [C3A9] <=> [é]
n_structure_100000_opening_arrays.json               [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
n_structure_open_array_object.json                   [{"":[{"":[{"":[{"":[{"":[(...)
n_structure_unicode-identifier.json                  C3A5 <=> å
n_structure_whitespace_formfeed.json                 [0C] <=> []
```

Rust rustc_serialize::json

```
i_number_double_huge_neg_exp.json                    [123.456e-789]
i_number_huge_exp.json                               [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                       [-1e+9999]
i_number_pos_double_huge_exp.json                    [1.5e+9999]
i_number_real_neg_overflow.json                      [-123123e100000]
i_number_real_pos_overflow.json                      [123123e100000]
i_number_real_underflow.json                         [123e-10000000]
i_number_too_big_neg_int.json                        [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                        [100000000000000000000]
i_number_very_big_negative_int.json                  [-237462374673276894279832749832424234(...)
i_object_key_lone_2nd_surrogate.json                 {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json          ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json        ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                      FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json                 ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json                  ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json              ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json     ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json               ["\ud800"]
i_string_invalid_surrogate.json                      ["\ud800abc"]
i_string_invalid_utf-8.json                          ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json            ["\uDd1e\uD834"]
i_string_iso_latin_1.json                            ["E9"] <=> [""]
i_string_lone_second_surrogate.json                  ["\uDFAA"]
```

```
i_string_lone_utf8_continuation_byte.json    ["81"] <=> [""]
i_string_not_in_unicode_range.json           ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json      ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json      ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                 00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                 [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json           [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json      EFBBBF{} <=> {}
n_structure_100000_opening_arrays.json       [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
n_structure_open_array_object.json           [{"":[{"":[{"":[{"":[{"":[(...)
```

Rust serde_json

Squeak JSON-tonyg

```
i_number_double_huge_neg_exp.json            [123.456e-789]
i_number_huge_exp.json                       [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json               [-1e+9999]
i_number_pos_double_huge_exp.json            [1.5e+9999]
i_number_real_neg_overflow.json              [-123123e100000]
i_number_real_pos_overflow.json              [123123e100000]
i_number_real_underflow.json                 [123e-10000000]
i_number_too_big_neg_int.json                [-123123123123123123123123123123]
i_number_too_big_pos_int.json                [100000000000000000000]
i_number_very_big_negative_int.json          [-237462374673276894279832749832(...)
i_object_key_lone_2nd_surrogate.json         {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json  ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json              FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json         ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json          ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ["\uD800\n"]
i_string_incomplete_surrogate_pair.json      ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json       ["\ud800"]
i_string_invalid_surrogate.json              ["\ud800abc"]
i_string_invalid_utf-8.json                  ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json    ["\uDd1e\uD834"]
i_string_iso_latin_1.json                    ["E9"] <=> [""]
i_string_lone_second_surrogate.json          ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json    ["81"] <=> [""]
i_string_not_in_unicode_range.json           ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json      ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json      ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                 00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                 [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json           [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json      EFBBBF{} <=> {}
n_array_comma_after_close.json               [""],
n_array_extra_close.json                     ["x"]]
n_array_invalid_utf8.json                    [FF] <=> []
n_multidigit_number_then_00.json             12300 <=> 123
n_number_+1.json                             [+1]
n_number_-01.json                            [-01]
n_number_-1.0..json                          [-1.0.]
n_number_-2..json                            [-2.]
n_number_.2e-3.json                          [.2e-3]
n_number_0.1.2.json                          [0.1.2]
n_number_0.3e+.json                          [0.3e+]
n_number_0.3e.json                           [0.3e]
n_number_0.e1.json                           [0.e1]
```

File	Result
n_number_0_capital_E+.json	[0E+]
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_number_1.0e.json	[1.0e]
n_number_1eE2.json	[1eE2]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_9.e+.json	[9.e+]
n_number_U+FF11_fullwidth_digit_one.json	[EFBC91] <=> [1]
n_number_expression.json	[1+2]
n_number_invalid+-.json	[0e+-1]
n_number_invalid-utf-8-in-bigger-int.json	[123E5] <=> [123]
n_number_invalid-utf-8-in-exponent.json	[1e1E5] <=> [1e1]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_neg_real_without_int_part.json	[-.123]
n_number_real_with_invalid_utf8_after_e.json	[1eE5] <=> [1e]
n_number_real_without_fractional_part.json	[1.]
n_number_starting_with_dot.json	[.123]
n_number_with_leading_zero.json	[012]
n_object_pi_in_key_and_trailing_comma.json	{"B9":"0",} <=> {"":"0",}
n_object_trailing_comment.json	{"a":"b"}/**/
n_object_trailing_comment_open.json	{"a":"b"}/**//
n_object_trailing_comment_slash_open.json	{"a":"b"}//
n_object_trailing_comment_slash_open_incomplete.json	{"a":"b"}/
n_object_with_trailing_garbage.json	{"a":"b"}#
n_string_backslash_00.json	["\00"] <=> ["\"]
n_string_escape_x.json	["\x00"]
n_string_escaped_ctrl_char_tab.json	["\09"] <=> ["\ "]
n_string_escaped_emoji.json	["\F09F8C80"] <=> ["\□"]
n_string_incomplete_surrogate_escape_invalid.json	["\uD800\uD800\x"]
n_string_invalid_backslash_esc.json	["\a"]
n_string_unescaped_crtl_char.json	["a00a"] <=> ["aa"]
n_string_unescaped_newline.json	["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json	["09"] <=> [" "]
n_string_unicode_CapitalU.json	"\UA66D"
n_string_with_trailing_garbage.json	""x
n_structure_array_trailing_garbage.json	[1]x
n_structure_array_with_extra_array_close.json	[1]]
n_structure_close_unopened_array.json	1]
n_structure_double_array.json	[][]
n_structure_lone-invalid-utf-8.json	E5 <=>
n_structure_number_with_trailing_garbage.json	2@
n_structure_object_followed_by_closing_object.json	{}}
n_structure_object_with_comment.json	{"a":/*comment*/"b"}
n_structure_object_with_trailing_garbage.json	{"a": true} "x"
n_structure_single_eacute.json	E9 <=>
n_structure_trailing_#.json	{"a":"b"}#{}
n_structure_whitespace_formfeed.json	[0C] <=> []
y_string_nonCharacterInUTF-8_U+10FFFF.json	["F48FBFBF"] <=> ["□"]

Swift Apple JSONSerialization

File	Result
i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-237462374673276894279832749832423(...)

```
i_object_key_lone_2nd_surrogate.json            {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json     ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                 FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
i_string_iso_latin_1.json                       ["E9"] <=> [""]
i_string_lone_second_surrogate.json             ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json       ["81"] <=> [""]
i_string_not_in_unicode_range.json              ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json         ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json         ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json    ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                    00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
n_array_extra_comma.json                        ["",]
n_array_number_and_comma.json                   [1,]
n_object_trailing_comma.json                    {"id":0,}
```

Swift Freddy 2.1.0

```
i_number_double_huge_neg_exp.json               [123.456e-789]
i_number_huge_exp.json                          [0.4e0066999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                  [-1e+9999]
i_number_pos_double_huge_exp.json               [1.5e+9999]
i_number_real_neg_overflow.json                 [-123123e100000]
i_number_real_pos_overflow.json                 [123123e100000]
i_number_real_underflow.json                    [123e-10000000]
i_number_too_big_neg_int.json                   [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                   [100000000000000000000]
i_number_very_big_negative_int.json             [-237462374673276894279832749832 4234(...)
i_object_key_lone_2nd_surrogate.json            {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json     ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json   ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                 FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json            ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json             ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json  ["\uD800\n"]
i_string_incomplete_surrogate_pair.json         ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json          ["\ud800"]
i_string_invalid_surrogate.json                 ["\ud800abc"]
i_string_invalid_utf-8.json                     ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json       ["\uDd1e\uD834"]
i_string_iso_latin_1.json                       ["E9"] <=> [""]
i_string_lone_second_surrogate.json             ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json       ["81"] <=> [""]
i_string_not_in_unicode_range.json              ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json         ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json         ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json    ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                   ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                    00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                    [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json              [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json         EFBBBF{} <=> {}
```

n_array_newlines_unclosed.json	["a",0A40A,1, <=> ["a", 4 ,1,
n_array_unclosed_trailing_comma.json	[1,
n_object_missing_value.json	{"a":
n_single_space.json	
n_string_start_escape_unclosed.json	["\
n_string_unescaped_crtl_char.json	["a00a"] <=> ["aa"]
n_string_unescaped_newline.json	["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json	["09"] <=> [" "]
n_structure_object_unclosed_no_value.json	{"":
y_number_0e+1.json	[0e+1]
y_number_0e1.json	[0e1]

Swift Freddy 20160830

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]
i_number_too_big_neg_int.json	[-123123123123123123123123123123]
i_number_too_big_pos_int.json	[100000000000000000000]
i_number_very_big_negative_int.json	[-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json	{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json	["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json	["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json	FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json	["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json	["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json	["\uD800\n"]
i_string_incomplete_surrogate_pair.json	["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json	["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json	["\ud800"]
i_string_invalid_surrogate.json	["\ud800abc"]
i_string_invalid_utf-8.json	["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json	["\uDd1e\uD834"]
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_string_start_escape_unclosed.json	["\
n_string_unescaped_crtl_char.json	["a00a"] <=> ["aa"]
n_string_unescaped_newline.json	["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json	["09"] <=> [" "]
y_number_0e+1.json	[0e+1]
y_number_0e1.json	[0e1]

Swift Freddy 20161018

i_number_double_huge_neg_exp.json	[123.456e-789]
i_number_huge_exp.json	[0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json	[-1e+9999]
i_number_pos_double_huge_exp.json	[1.5e+9999]
i_number_real_neg_overflow.json	[-123123e100000]
i_number_real_pos_overflow.json	[123123e100000]
i_number_real_underflow.json	[123e-10000000]

```
i_number_too_big_neg_int.json                          [-123123123123123123123123123123]
i_number_too_big_pos_int.json                          [100000000000000000000]
i_number_very_big_negative_int.json                    [-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json                   {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json            ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json          ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                        FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json                   ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json                    ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json    ["\uD800\n"]
i_string_incomplete_surrogate_pair.json                ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json       ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json                 ["\ud800"]
i_string_invalid_surrogate.json                        ["\ud800abc"]
i_string_invalid_utf-8.json                            ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json              ["\uDd1e\uD834"]
i_string_iso_latin_1.json                              ["E9"] <=> [""]
i_string_lone_second_surrogate.json                    ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json              ["81"] <=> [""]
i_string_not_in_unicode_range.json                     ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json                ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json                ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json           ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                          ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                           00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                           [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json                     [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json                EFBBBF{} <=> {}
n_string_start_escape_unclosed.json                    ["\
n_string_unescaped_crtl_char.json                      ["a00a"] <=> ["aa"]
n_string_unescaped_newline.json                        ["new0Aline"] <=> ["new line"]
n_string_unescaped_tab.json                            ["09"] <=> [" "]
```

Swift Freddy 20170118

```
i_number_double_huge_neg_exp.json                      [123.456e-789]
i_number_huge_exp.json                                 [0.4e00669999999999999999999999999999(...)
i_number_neg_int_huge_exp.json                         [-1e+9999]
i_number_pos_double_huge_exp.json                      [1.5e+9999]
i_number_real_neg_overflow.json                        [-123123e100000]
i_number_real_pos_overflow.json                        [123123e100000]
i_number_real_underflow.json                           [123e-10000000]
i_number_too_big_neg_int.json                          [-123123123123123123123123123123123]
i_number_too_big_pos_int.json                          [100000000000000000000]
i_number_very_big_negative_int.json                    [-237462374673276894279832749832423 4(...)
i_object_key_lone_2nd_surrogate.json                   {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json            ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json          ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                        FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json                   ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json                    ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json    ["\uD800\n"]
i_string_incomplete_surrogate_pair.json                ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json       ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json                 ["\ud800"]
i_string_invalid_surrogate.json                        ["\ud800abc"]
i_string_invalid_utf-8.json                            ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json              ["\uDd1e\uD834"]
i_string_iso_latin_1.json                              ["E9"] <=> [""]
i_string_lone_second_surrogate.json                    ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json              ["81"] <=> [""]
i_string_not_in_unicode_range.json                     ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json                ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json                ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json           ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                          ["E0FF"] <=> [""]
```

i_string_utf16BE_no_BOM.json   `00[00"00E900"00]` <=> `[""]`
i_string_utf16LE_no_BOM.json   `[00"00E900"00]00` <=> `[""]`
i_structure_500_nested_arrays.json   `[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)`
i_structure_UTF-8_BOM_empty_object.json `EFBBBF{}` <=> `{}`
n_string_unescaped_crtl_char.json   `["a00a"]` <=> `["aa"]`
n_string_unescaped_newline.json   `["new0Aline"]` <=> `["new line"]`
n_string_unescaped_tab.json   `["09"]` <=> `[" "]`

Swift PMJSON 1.1.0

i_number_double_huge_neg_exp.json   `[123.456e-789]`
i_number_huge_exp.json   `[0.4e00669999999999999999999999999999999(...)`
i_number_neg_int_huge_exp.json   `[-1e+9999]`
i_number_pos_double_huge_exp.json   `[1.5e+9999]`
i_number_real_neg_overflow.json   `[-123123e100000]`
i_number_real_pos_overflow.json   `[123123e100000]`
i_number_real_underflow.json   `[123e-10000000]`
i_number_too_big_neg_int.json   `[-123123123123123123123123123123123]`
i_number_too_big_pos_int.json   `[100000000000000000000]`
i_number_very_big_negative_int.json   `[-237462374673276894279832749832324234(...)`
i_object_key_lone_2nd_surrogate.json   `{"\uDFAA":0}`
i_string_1st_surrogate_but_2nd_missing.json `["\uDADA"]`
i_string_1st_valid_surrogate_2nd_invalid.json `["\uD888\u1234"]`
i_string_UTF-16LE_with_BOM.json   `FFFE[00"00E900"00]00` <=> `[""]`
i_string_UTF-8_invalid_sequence.json   `["E697A5D188FA"]` <=> `["日ш"]`
i_string_UTF8_surrogate_U+D800.json   `["EDA080"]` <=> `[""]`
i_string_incomplete_surrogate_and_escape_valid.json `["\uD800\n"]`
i_string_incomplete_surrogate_pair.json `["\uDd1ea"]`
i_string_incomplete_surrogates_escape_valid.json `["\uD800\uD800\n"]`
i_string_invalid_lonely_surrogate.json `["\ud800"]`
i_string_invalid_surrogate.json   `["\ud800abc"]`
i_string_invalid_utf-8.json   `["FF"]` <=> `[""]`
i_string_inverted_surrogates_U+1D11E.json `["\uDd1e\uD834"]`
i_string_iso_latin_1.json   `["E9"]` <=> `[""]`
i_string_lone_second_surrogate.json   `["\uDFAA"]`
i_string_lone_utf8_continuation_byte.json `["81"]` <=> `[""]`
i_string_not_in_unicode_range.json   `["F4BFBFBF"]` <=> `[""]`
i_string_overlong_sequence_2_bytes.json `["C0AF"]` <=> `[""]`
i_string_overlong_sequence_6_bytes.json `["FC83BFBFBFBF"]` <=> `[""]`
i_string_overlong_sequence_6_bytes_null.json `["FC8080808080"]` <=> `[""]`
i_string_truncated-utf-8.json   `["E0FF"]` <=> `[""]`
i_string_utf16BE_no_BOM.json   `00[00"00E900"00]` <=> `[""]`
i_string_utf16LE_no_BOM.json   `[00"00E900"00]00` <=> `[""]`
i_structure_500_nested_arrays.json   `[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)`
i_structure_UTF-8_BOM_empty_object.json `EFBBBF{}` <=> `{}`
n_number_-01.json   `[-01]`
n_number_neg_int_starting_with_zero.json `[-012]`
n_number_neg_real_without_int_part.json `[-.123]`
n_number_with_leading_zero.json   `[012]`
n_structure_100000_opening_arrays.json `[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)`
n_structure_open_array_object.json   `[{"":[{"":[{"":[{"":[{"":[(...)`
y_number_0e+1.json   `[0e+1]`
y_number_real_capital_e_neg_exp.json   `[1E-2]`
y_number_real_capital_e_pos_exp.json   `[1E+2]`
y_number_real_neg_exp.json   `[1e-2]`
y_number_real_pos_exponent.json   `[1e+2]`

Swift PMJSON 1.2.0

i_number_double_huge_neg_exp.json   `[123.456e-789]`
i_number_huge_exp.json   `[0.4e00669999999999999999999999999999999(...)`
i_number_neg_int_huge_exp.json   `[-1e+9999]`
i_number_pos_double_huge_exp.json   `[1.5e+9999]`
i_number_real_neg_overflow.json   `[-123123e100000]`
i_number_real_pos_overflow.json   `[123123e100000]`

```
i_number_real_underflow.json                          [123e-10000000]
i_number_too_big_neg_int.json                         [-123123123123123123123123123123]
i_number_too_big_pos_int.json                         [100000000000000000000]
i_number_very_big_negative_int.json                   [-237462374673276894279832749832424234(...)]
i_object_key_lone_2nd_surrogate.json                  {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json           ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json         ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                       FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json                  ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json                   ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json   ["\uD800\n"]
i_string_incomplete_surrogate_pair.json               ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json      ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json                ["\ud800"]
i_string_invalid_surrogate.json                       ["\ud800abc"]
i_string_invalid_utf-8.json                           ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json             ["\uDd1e\uD834"]
i_string_iso_latin_1.json                             ["E9"] <=> [""]
i_string_lone_second_surrogate.json                   ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json             ["81"] <=> [""]
i_string_not_in_unicode_range.json                    ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json               ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json               ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json          ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                         ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                          00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                          [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json                    [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)]
i_structure_UTF-8_BOM_empty_object.json               EFBBBF{} <=> {}
```

[Swift PMJSON 1.2.1](#)

```
i_number_double_huge_neg_exp.json                     [123.456e-789]
i_number_huge_exp.json                                [0.4e006699999999999999999999999999999999(...)]
i_number_neg_int_huge_exp.json                        [-1e+9999]
i_number_pos_double_huge_exp.json                     [1.5e+9999]
i_number_real_neg_overflow.json                       [-123123e100000]
i_number_real_pos_overflow.json                       [123123e100000]
i_number_real_underflow.json                          [123e-10000000]
i_number_too_big_neg_int.json                         [-123123123123123123123123123123]
i_number_too_big_pos_int.json                         [100000000000000000000]
i_number_very_big_negative_int.json                   [-237462374673276894279832749832424234(...)]
i_object_key_lone_2nd_surrogate.json                  {"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json           ["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json         ["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json                       FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json                  ["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json                   ["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json   ["\uD800\n"]
i_string_incomplete_surrogate_pair.json               ["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json      ["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json                ["\ud800"]
i_string_invalid_surrogate.json                       ["\ud800abc"]
i_string_invalid_utf-8.json                           ["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json             ["\uDd1e\uD834"]
i_string_iso_latin_1.json                             ["E9"] <=> [""]
i_string_lone_second_surrogate.json                   ["\uDFAA"]
i_string_lone_utf8_continuation_byte.json             ["81"] <=> [""]
i_string_not_in_unicode_range.json                    ["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json               ["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json               ["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json          ["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json                         ["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json                          00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json                          [00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json                    [[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)]
```

```
i_structure_UTF-8_BOM_empty_object.json          ▢EFBBBF{} <=> {}
```

Swift STJSON

```
i_number_double_huge_neg_exp.json          ▢[123.456e-789]
i_number_huge_exp.json                     ▢[0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json             ▢[-1e+9999]
i_number_pos_double_huge_exp.json          ▢[1.5e+9999]
i_number_real_neg_overflow.json            ▢[-123123e100000]
i_number_real_pos_overflow.json            ▢[123123e100000]
i_number_real_underflow.json               ▢[123e-10000000]
i_number_too_big_neg_int.json              ▢[-123123123123123123123123123123]
i_number_too_big_pos_int.json              ▢[100000000000000000000]
i_number_very_big_negative_int.json        ▢[-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json       ▢{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ▢["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ▢["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json            ▰FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json       ▰["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json        ▰["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ▢["\uD800\n"]
i_string_incomplete_surrogate_pair.json    ▢["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ▢["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json     ▢["\ud800"]
i_string_invalid_surrogate.json            ▢["\ud800abc"]
i_string_invalid_utf-8.json                ▰["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json  ▢["\uDd1e\uD834"]
i_string_iso_latin_1.json                  ▰["E9"] <=> [""]
i_string_lone_second_surrogate.json        ▢["\uDFAA"]
i_string_lone_utf8_continuation_byte.json  ▰["81"] <=> [""]
i_string_not_in_unicode_range.json         ▰["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json    ▰["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json    ▰["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json ▰["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json              ▰["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json               ▰00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json               ▰[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json         ▢[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json    ▢EFBBBF{} <=> {}
```

[Xidel Internet Tools](#)

```
i_number_double_huge_neg_exp.json          ▢[123.456e-789]
i_number_huge_exp.json                     ▢[0.4e00669999999999999999999999999999999(...)
i_number_neg_int_huge_exp.json             ▢[-1e+9999]
i_number_pos_double_huge_exp.json          ▢[1.5e+9999]
i_number_real_neg_overflow.json            ▢[-123123e100000]
i_number_real_pos_overflow.json            ▢[123123e100000]
i_number_real_underflow.json               ▢[123e-10000000]
i_number_too_big_neg_int.json              ▢[-123123123123123123123123123123]
i_number_too_big_pos_int.json              ▢[100000000000000000000]
i_number_very_big_negative_int.json        ▢[-2374623746732768942798327498324234(...)
i_object_key_lone_2nd_surrogate.json       ▢{"\uDFAA":0}
i_string_1st_surrogate_but_2nd_missing.json ▢["\uDADA"]
i_string_1st_valid_surrogate_2nd_invalid.json ▢["\uD888\u1234"]
i_string_UTF-16LE_with_BOM.json            ▰FFFE[00"00E900"00]00 <=> [""]
i_string_UTF-8_invalid_sequence.json       ▢["E697A5D188FA"] <=> ["日ш"]
i_string_UTF8_surrogate_U+D800.json        ▰["EDA080"] <=> [""]
i_string_incomplete_surrogate_and_escape_valid.json ▢["\uD800\n"]
i_string_incomplete_surrogate_pair.json    ▢["\uDd1ea"]
i_string_incomplete_surrogates_escape_valid.json ▢["\uD800\uD800\n"]
i_string_invalid_lonely_surrogate.json     ▢["\ud800"]
i_string_invalid_surrogate.json            ▢["\ud800abc"]
i_string_invalid_utf-8.json                ▢["FF"] <=> [""]
i_string_inverted_surrogates_U+1D11E.json  ▢["\uDd1e\uD834"]
```

JSON Parsing Tests

File	Result
i_string_iso_latin_1.json	["E9"] <=> [""]
i_string_lone_second_surrogate.json	["\uDFAA"]
i_string_lone_utf8_continuation_byte.json	["81"] <=> [""]
i_string_not_in_unicode_range.json	["F4BFBFBF"] <=> [""]
i_string_overlong_sequence_2_bytes.json	["C0AF"] <=> [""]
i_string_overlong_sequence_6_bytes.json	["FC83BFBFBFBF"] <=> [""]
i_string_overlong_sequence_6_bytes_null.json	["FC8080808080"] <=> [""]
i_string_truncated-utf-8.json	["E0FF"] <=> [""]
i_string_utf16BE_no_BOM.json	00[00"00E900"00] <=> [""]
i_string_utf16LE_no_BOM.json	[00"00E900"00]00 <=> [""]
i_structure_500_nested_arrays.json	[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[[(...)
i_structure_UTF-8_BOM_empty_object.json	EFBBBF{} <=> {}
n_multidigit_number_then_00.json	12300 <=> 123
n_number_-01.json	[-01]
n_number_.2e-3.json	[.2e-3]
n_number_0.3e+.json	[0.3e+]
n_number_0.e1.json	[0.e1]
n_number_0_capital_E+.json	[0E+]
n_number_0_capital_E.json	[0E]
n_number_0e+.json	[0e+]
n_number_0e.json	[0e]
n_number_1.0e+.json	[1.0e+]
n_number_1.0e-.json	[1.0e-]
n_number_2.e+3.json	[2.e+3]
n_number_2.e-3.json	[2.e-3]
n_number_2.e3.json	[2.e3]
n_number_9.e+.json	[9.e+]
n_number_neg_int_starting_with_zero.json	[-012]
n_number_neg_real_without_int_part.json	[-.123]
n_number_starting_with_dot.json	[.123]
n_number_with_leading_zero.json	[012]
n_object_single_quote.json	{'a':0}
n_single_space.json	
n_string_single_quote.json	['single quote']
n_string_unescaped_tab.json	["09"] <=> [" "]
n_structure_capitalized_True.json	[True]
n_structure_no_data.json	