



## ***Linux Ubuntu 22.4.5 Manual Pages on command 'cpanel\_json\_xs.1p'***

**\$ man cpanel\_json\_xs.1p**

CPANEL\_JSON\_XS(1p)      User Contributed Perl Documentation      CPANEL\_JSON\_XS(1p)

### NAME

cpanel\_json\_xs - Cpanel::JSON::XS commandline utility

### SYNOPSIS

```
cpanel_json_xs [-v] [-f inputformat] [-t outputformat]
```

### DESCRIPTION

cpanel\_json\_xs converts between some input and output formats (one of them is JSON).

The default input format is "json" and the default output format is "json-pretty".

### OPTIONS

-v Be slightly more verbose.

-f fromformat

Read a file in the given format from STDIN.

"fromformat" can be one of:

json - a json text encoded, either utf-8, utf16-be/le, utf32-be/le

json-nonref - json according to RFC 7159

json-relaxed - json with all relaxed options

json-unknown - json with allow\_unknown

storable - a Storable frozen value

storable-file - a Storable file (Storable has two incompatible formats)

bencode - uses one of Net::BitTorrent::Protocol::BEP03::Bencode, Bencode or the

broken Convert::Bencode, if available (used by torrent files, among others)

clzf - Compress::LZF format (requires that module to be installed)  
eval - evaluate the given code as (non-utf-8) Perl, basically the reverse of  
"-t dump"  
yaml - loose YAML (requires YAML)  
yaml-tiny - loose YAML (requires YAML::Tiny or CPAN::Meta::YAML)  
yaml-xs - strict YAML 1.2 (requires YAML::XS)  
yaml-syck - YAML (requires YAML::Syck)  
cbor - CBOR (via CBOR::XS)  
string - do not attempt to decode the file data  
sereal - Sereal (via Sereal::Decoder)  
none - nothing is read, creates an "undef" scalar - mainly useful with "-e"

#### -t toformat

Write the file in the given format to STDOUT.

"toformat" can be one of:

json, json-utf-8 - json, utf-8 encoded

json-pretty - as above, but pretty-printed with sorted object keys

json-stringify - as json-pretty with allow\_stringify

json-relaxed - as json-pretty, but with the additional options

->allow\_stringify->allow\_blessed->convert\_blessed->allow\_unknown

->allow\_tags->stringify\_infnan(1)

json-utf-16le, json-utf-16be - little endian/big endian utf-16

json-utf-32le, json-utf-32be - little endian/big endian utf-32

storable - a Storable frozen value in network format

storable-file - a Storable file in network format (Storable has two  
incompatible formats)

bencode - uses one of Net::BitTorrent::Protocol::BEP03::Bencode, Bencode or the

broken Convert::Bencode, if available (used by torrent files, among others)

clzf - Compress::LZF format

yaml - loose YAML (requires YAML)

yaml-tiny - loose YAML (requires YAML::Tiny or CPAN::Meta::YAML)

yaml-xs - strict YAML 1.2 (requires YAML::XS)

yaml-syck - YAML (requires YAML::Syck)

dump - Data::Dump

dumper - Data::Dumper

string - writes the data out as if it were a string

sereal - Sereal (via Sereal::Encoder)

none - nothing gets written, mainly useful together with "-e"

Note that Data::Dumper doesn't handle self-referential data structures

correctly - use "dump" instead.

-e code

Evaluate perl code after reading the data and before writing it out again - can

be used to filter, create or extract data. The data that has been written is in

\$\_, and whatever is in there is written out afterwards.

## EXAMPLES

```
cpanel_json_xs -t none <isitreally.json
```

"JSON Lint" - tries to parse the file isitreally.json as JSON - if it is valid

JSON, the command outputs nothing, otherwise it will print an error message and

exit with non-zero exit status.

```
<src.json cpanel_json_xs >pretty.json
```

Prettify the JSON file src.json to dst.json.

```
cpanel_json_xs -f storable-file <file
```

Read the serialized Storable file file and print a human-readable JSON version of

it to STDOUT.

```
cpanel_json_xs -f storable-file -t yaml <file
```

Same as above, but write YAML instead (not using JSON at all :)

```
cpanel_json_xs -f none -e '$_ = [1, 2, 3]'
```

Dump the perl array as UTF-8 encoded JSON text.

```
<torrentfile cpanel_json_xs -f bencode -e '$_ = join "\n", map @$_, @{$_->{"announce-list"}}' -t string
```

Print the tracker list inside a torrent file.

```
lwp-request http://cpantesters.perl.org/show/Cpanel-JSON-XS.json | cpanel_json_xs
```

Fetch the cpan-testers result summary "Cpanel::JSON::XS" and pretty-print it.

```
cpanel_json_xs -f yaml-xs -t yaml-tiny <META.yml >MYMETA.yml
```

```
cpanel_json_xs -f yaml-tiny -t yaml-xs <MYMETA.yml >XSMETA.yml
```

```
cpanel_json_xs -f yaml -t yaml <XSMETA.yml #BOOM!
```

```
Error: YAML_LOAD_ERR_BAD_MAP_ELEMENT
```

Compare YAML en- and decoders, and see that YAML::XS generates unparseable YAML

<<https://github.com/ingydotnet/yaml-libyaml-pm/issues/9>>

AUTHOR

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