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# `logz`#
## Classes#
`DumpEncoder` | Extensible JSON << https://json.org>> encoder for Python data structures.
---|---
## Functions#
`set_root_level`([level]) |
---|---
`attach_stderr`([level]) |
`detach_stderr`() |
`initialize_logging`([level]) |
`jsondumps`(obj) |
`fullname`(obj) |
`request_header_sort_key`(item) |
`response_header_sort_key`(item) |
```

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```
`stringify`(obj[, content_max_len]) |
## Attributes#
`root_log` |
---|---
`NullHandler` |
`DEBUG_FORMATTER` |
`INFO_FORMATTER` |
`_DUMPS`|
`request_header_sort_dict` |
`response_header_sort_dict` |
root_log#
NullHandler#
```

INFO_FORMATTER#

DEBUG_FORMATTER#

```
set_root_level(_level =INFO_)#
attach_stderr(_level =INFO_)#
detach_stderr()#
initialize_logging(_level =INFO_)#
_class _DumpEncoder(_*_ , _skipkeys =False_, _ensure_ascii =True_,
_check_circular =True_, _allow_nan =True_, _sort_keys =False_, _indent =None_,
_separators =None_, _default =None_)#
Bases:
[`json.JSONEncoder`](https://docs.python.org/3/library/json.html#json.JSONEncoder
"\(in Python v3.13\)")
```

Extensible JSON <<https://json.org>> encoder for Python data structures.

Supports the following objects and types by default:

Python | JSON

---|---

dict | object

list, tuple | array

str | string

int, float | number

True | true

False | false

None | null

To extend this to recognize other objects, subclass and implement a `.default()` method with another method that returns a serializable object for `o` if possible, otherwise it should call the superclass implementation (to raise `TypeError`).

Constructor for JSONEncoder, with sensible defaults.

If skipkeys is false, then it is a TypeError to attempt encoding of keys that are not str, int, float or None. If skipkeys is True, such items are simply skipped.

If ensure_ascii is true, the output is guaranteed to be str objects with all

incoming non-ASCII characters escaped. If ensure_ascii is false, the output can contain non-ASCII characters.

If check_circular is true, then lists, dicts, and custom encoded objects will be checked for circular references during encoding to prevent an infinite recursion (which would cause an RecursionError). Otherwise, no such check takes place.

If allow_nan is true, then NaN, Infinity, and -Infinity will be encoded as such. This behavior is not JSON specification compliant, but is consistent with most JavaScript based encoders and decoders. Otherwise, it will be a ValueError to encode such floats.

If sort_keys is true, then the output of dictionaries will be sorted by key; this is useful for regression tests to ensure that JSON serializations can be compared on a day-to-day basis.

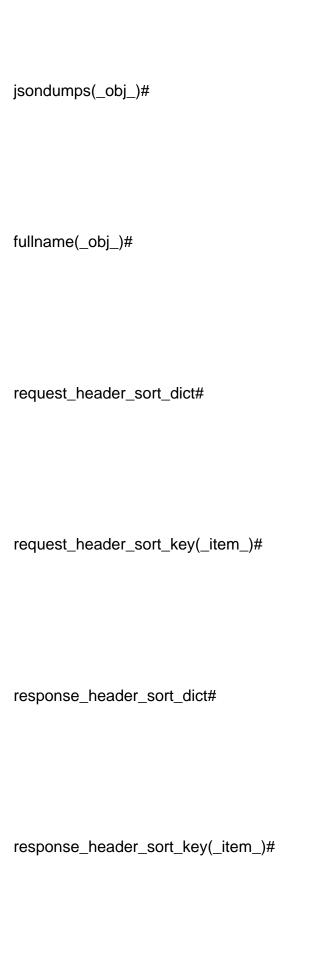
If indent is a non-negative integer, then JSON array elements and object members will be pretty-printed with that indent level. An indent level of 0 will only insert newlines. None is the most compact representation.

If specified, separators should be an (item_separator, key_separator) tuple. The default is (', ', ': ') if _indent_ is `None` and (',', ': ') otherwise.

To get the most compact JSON representation, you should specify (',', ':') to eliminate whitespace.

If specified, default is a function that gets called for objects that can't

```
otherwise be serialized. It should return a JSON encodable version of the
object or raise a `TypeError`.
default(_obj_)#
Implement this method in a subclass such that it returns a serializable object
for `o`, or calls the base implementation (to raise a `TypeError`).
For example, to support arbitrary iterators, you could implement default like
this:
  def default(self, o):
     try:
       iterable = iter(o)
     except TypeError:
       pass
     else:
       return list(iterable)
     # Let the base class default method raise the TypeError
     return JSONEncoder.default(self, o)
```



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Created using [Sphinx](https://www.sphinx-doc.org/) 7.4.7.
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