

[Skip to main content](#)

[__Back to top](#)

[__ `Ctrl` + `K`](#)

[[!\[conda 25.1.2.dev29 documentation -](#)

[Home\]\(../../../../../_static/conda_logo_full.svg\) \]\(../../../../../index.html\)](#)

* [\[Conda\]\(https://docs.conda.io/projects/conda/\)](#)

* [\[Conda-build\]\(https://docs.conda.io/projects/conda-build\)](#)

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Navigation

- * [User guide](../././././user-guide/index.html) ____
- * [Getting started with conda](../././././user-guide/getting-started.html)
- * [Installing conda](../././././user-guide/install/index.html) ____
 - * [Installing on Windows](../././././user-guide/install/windows.html)
 - * [Installing on macOS](../././././user-guide/install/macos.html)
 - * [Installing on Linux](../././././user-guide/install/linux.html)
 - * [RPM and Debian Repositories for Miniconda](../././././user-guide/install/rpm-debian.html)
- * [Tasks](../././././user-guide/tasks/index.html) ____
 - * [Managing conda](../././././user-guide/tasks/manage-conda.html)
 - * [Managing environments](../././././user-guide/tasks/manage-environments.html)
 - * [Managing channels](../././././user-guide/tasks/manage-channels.html)
 - * [Managing packages](../././././user-guide/tasks/manage-pkgs.html)
 - * [Managing Python](../././././user-guide/tasks/manage-python.html)
 - * [Managing virtual packages](../././././user-guide/tasks/manage-virtual.html)
 - * [Creating custom channels](../././././user-guide/tasks/create-custom-channels.html)
 - * [Creating projects](../././././user-guide/tasks/creating-projects.html)
 - * [Viewing command-line help](../././././user-guide/tasks/view-command-line-help.html)
- * [Configuration](../././././user-guide/configuration/index.html) ____
 - * [Using the .condarc conda configuration file](../././././user-guide/configuration/use-condarc.html)
 - * [Settings](../././././user-guide/configuration/settings.html)
 - * [Administering a multi-user conda installation](../././././user-guide/configuration/admin-multi-user-install.html)
 - * [Mirroring channels](../././././user-guide/configuration/mirroring.html)
 - * [Disabling SSL verification](../././././user-guide/configuration/disable-ssl-verification.html)

- * [Using non-standard certificates](../../../../../user-guide/configuration/non-standard-certs.html)
- * [Using Custom Locations for Environment and Package Cache](../../../../../user-guide/configuration/custom-env-and-pkg-locations.html)
- * [Improving interoperability with pip](../../../../../user-guide/configuration/pip-interoperability.html)
- * [Using the free channel](../../../../../user-guide/configuration/free-channel.html)
- * [Concepts](../../../../../user-guide/concepts/index.html) __
- * [Commands](../../../../../user-guide/concepts/conda-commands.html)
- * [Packages](../../../../../user-guide/concepts/packages.html)
- * [Package specification](../../../../../user-guide/concepts/pkg-specs.html)
- * [Package search and install specifications](../../../../../user-guide/concepts/pkg-search.html)
- * [Channels](../../../../../user-guide/concepts/channels.html)
- * [Environments](../../../../../user-guide/concepts/environments.html)
- * [Installing with conda](../../../../../user-guide/concepts/installing-with-conda.html)
- * [Performance](../../../../../user-guide/concepts/conda-performance.html)
- * [Conda for data scientists](../../../../../user-guide/concepts/data-science.html)
- * [Plugins](../../../../../user-guide/concepts/conda-plugins.html)
- * [Troubleshooting](../../../../../user-guide/troubleshooting.html)
- * [Cheatsheet](../../../../../user-guide/cheatsheet.html)
- * [Configuration](../../../../../configuration.html)
- * [Commands](../../../../../commands/index.html) __
- * [``conda clean``](../../../../../commands/clean.html)
- * [``conda compare``](../../../../../commands/compare.html)
- * [``conda config``](../../../../../commands/config.html)
- * [``conda create``](../../../../../commands/create.html)
- * [``conda doctor``](../../../../../commands/doctor.html)
- * [``conda env``](../../../../../commands/env/index.html) __
- * [``conda env config``](../../../../../commands/env/config/index.html) __

- * [`conda env config vars`](../.../commands/env/config/vars/index.html) __
- * [`conda env config vars list`](../.../commands/env/config/vars/list.html)
- * [`conda env config vars set`](../.../commands/env/config/vars/set.html)
- * [`conda env config vars unset`](../.../commands/env/config/vars/unset.html)
- * [`conda env create`](../.../commands/env/create.html)
- * [`conda env export`](../.../commands/env/export.html)
- * [`conda env list`](../.../commands/env/list.html)
- * [`conda env remove`](../.../commands/env/remove.html)
- * [`conda env update`](../.../commands/env/update.html)
- * [`conda info`](../.../commands/info.html)
- * [`conda init`](../.../commands/init.html)
- * [`conda install`](../.../commands/install.html)
- * [`conda list`](../.../commands/list.html)
- * [`conda notices`](../.../commands/notices.html)
- * [`conda package`](../.../commands/package.html)
- * [`conda remove`](../.../commands/remove.html)
- * [`conda rename`](../.../commands/rename.html)
- * [`conda run`](../.../commands/run.html)
- * [`conda search`](../.../commands/search.html)
- * [`conda update`](../.../commands/update.html)
- * [Release notes](../.../release-notes.html)
- * [Glossary](../.../glossary.html)
- * [Developer guide](../.../index.html) __
- * [Architecture](../.../architecture.html)
- * [Contributing to conda](../.../contributing.html)
- * [Development Environment](../.../development-environment.html)
- * [Deep dives](../.../deep-dives/index.html) __

- * [`conda install``](../../deep-dives/install.html)
- * [`conda init`` and `conda activate``](../../deep-dives/activation.html)
- * [`conda config`` and context](../../deep-dives/context.html)
- * [Solvers](../../deep-dives/solvers.html)
- * [Logging](../../deep-dives/logging.html)
- * [Writing Tests](../../writing-tests/index.html) __
- * [Integration Tests](../../writing-tests/integration-tests.html)
- * [Deprecations](../../deprecations.html)
- * [Releasing](../../releasing.html)
- * [Plugins](../../plugins/index.html) __
 - * [Auth Handlers](../../plugins/auth_handlers.html)
 - * [Health Checks](../../plugins/health_checks.html)
 - * [Request Headers](../../plugins/request_headers.html)
 - * [Post-commands](../../plugins/post_commands.html)
 - * [Pre-commands](../../plugins/pre_commands.html)
 - * [Reporter Backends](../../plugins/reporter_backends.html)
 - * [Settings](../../plugins/settings.html)
 - * [Solvers](../../plugins/solvers.html)
 - * [Subcommands](../../plugins/subcommands.html)
 - * [Virtual Packages](../../plugins/virtual_packages.html)
- * [Specifications](../../specs/index.html) __
 - * [Technical specification: solver state](../../specs/solver-state.html)
- * [API](../../api.html) __
 - * [`conda``](../index.html) __
 - * [`__main__``](../__main__/index.html)
 - * [`_vendor``](../_vendor/index.html) __
 - * [`frozendict``](../_vendor/frozendict/index.html)

- * [`_version``](../_version/index.html)
- * [`activate``](../activate/index.html)
- * [`api``](../api/index.html)
- * [`auxlib``](../index.html) __
- * [`collection``](../collection/index.html)
- * [`compat``](../compat/index.html)
- * [`decorators``](../decorators/index.html)
- * [`entity``](../entity/index.html)
- * [`exceptions``](../exceptions/index.html)
- * [`ish``](../ish/index.html)
- * `logz``
- * [`type_coercion``](../type_coercion/index.html)
- * [`base``](../base/index.html) __
- * [`constants``](../base/constants/index.html)
- * [`context``](../base/context/index.html)
- * [`cli``](../cli/index.html) __
- * [`actions``](../cli/actions/index.html)
- * [`common``](../cli/common/index.html)
- * [`conda_argparse``](../cli/conda_argparse/index.html)
- * [`find_commands``](../cli/find_commands/index.html)
- * [`helpers``](../cli/helpers/index.html)
- * [`install``](../cli/install/index.html)
- * [`main``](../cli/main/index.html)
- * [`main_clean``](../cli/main_clean/index.html)
- * [`main_commands``](../cli/main_commands/index.html)
- * [`main_compare``](../cli/main_compare/index.html)
- * [`main_config``](../cli/main_config/index.html)

- * [main_create](../../cli/main_create/index.html)
- * [main_env](../../cli/main_env/index.html)
- * [main_env_config](../../cli/main_env_config/index.html)
- * [main_env_create](../../cli/main_env_create/index.html)
- * [main_env_export](../../cli/main_env_export/index.html)
- * [main_env_list](../../cli/main_env_list/index.html)
- * [main_env_remove](../../cli/main_env_remove/index.html)
- * [main_env_update](../../cli/main_env_update/index.html)
- * [main_env_vars](../../cli/main_env_vars/index.html)
- * [main_export](../../cli/main_export/index.html)
- * [main_info](../../cli/main_info/index.html)
- * [main_init](../../cli/main_init/index.html)
- * [main_install](../../cli/main_install/index.html)
- * [main_list](../../cli/main_list/index.html)
- * [main_mock_activate](../../cli/main_mock_activate/index.html)
- * [main_mock_deactivate](../../cli/main_mock_deactivate/index.html)
- * [main_notices](../../cli/main_notices/index.html)
- * [main_package](../../cli/main_package/index.html)
- * [main_pip](../../cli/main_pip/index.html)
- * [main_remove](../../cli/main_remove/index.html)
- * [main_rename](../../cli/main_rename/index.html)
- * [main_run](../../cli/main_run/index.html)
- * [main_search](../../cli/main_search/index.html)
- * [main_update](../../cli/main_update/index.html)
- * [python_api](../../cli/python_api/index.html)
- * [common](../../common/index.html) __
- * [_logic](../../common/_logic/index.html)

- * [`_os``](../../common/_os/index.html) __
- * [`linux``](../../common/_os/linux/index.html)
- * [`osx``](../../common/_os/osx/index.html)
- * [`unix``](../../common/_os/unix/index.html)
- * [`windows``](../../common/_os/windows/index.html)
- * [`compat``](../../common/compat/index.html)
- * [`configuration``](../../common/configuration/index.html)
- * [`constants``](../../common/constants/index.html)
- * [`disk``](../../common/disk/index.html)
- * [`io``](../../common/io/index.html)
- * [`iterators``](../../common/iterators/index.html)
- * [`logic``](../../common/logic/index.html)
- * [`path``](../../common/path/index.html) __
- * [`_cygpath``](../../common/path/_cygpath/index.html)
- * [`directories``](../../common/path/directories/index.html)
- * [`python``](../../common/path/python/index.html)
- * [`windows``](../../common/path/windows/index.html)
- * [`pkg_formats``](../../common/pkg_formats/index.html) __
- * [`python``](../../common/pkg_formats/python/index.html)
- * [`serialize``](../../common/serialize/index.html)
- * [`signals``](../../common/signals/index.html)
- * [`toposort``](../../common/toposort/index.html)
- * [`url``](../../common/url/index.html)
- * [`core``](../../core/index.html) __
- * [`envs_manager``](../../core/envs_manager/index.html)
- * [`index``](../../core/index/index.html)
- * [`initialize``](../../core/initialize/index.html)

- * [link`](../../core/link/index.html)
- * [package_cache_data`](../../core/package_cache_data/index.html)
- * [path_actions`](../../core/path_actions/index.html)
- * [portability`](../../core/portability/index.html)
- * [prefix_data`](../../core/prefix_data/index.html)
- * [solve`](../../core/solve/index.html)
- * [subdir_data`](../../core/subdir_data/index.html)
- * [deprecations`](../../deprecations/index.html)
- * [env`](../../env/index.html) ____
- * [env`](../../env/env/index.html)
- * [installers`](../../env/installers/index.html) ____
- * [base`](../../env/installers/base/index.html)
- * [conda`](../../env/installers/conda/index.html)
- * [pip`](../../env/installers/pip/index.html)
- * [pip_util`](../../env/pip_util/index.html)
- * [specs`](../../env/specs/index.html) ____
- * [binstar`](../../env/specs/binstar/index.html)
- * [requirements`](../../env/specs/requirements/index.html)
- * [yaml_file`](../../env/specs/yaml_file/index.html)
- * [exception_handler`](../../exception_handler/index.html)
- * [exceptions`](../../exceptions/index.html)
- * [exports`](../../exports/index.html)
- * [gateways`](../../gateways/index.html) ____
- * [anaconda_client`](../../gateways/anaconda_client/index.html)
- * [connection`](../../gateways/connection/index.html) ____
- * [adapters`](../../gateways/connection/adapters/index.html) ____
- * [ftp`](../../gateways/connection/adapters/ftp/index.html)

- * [`http`](../../gateways/connection/adapters/http/index.html)
- * [`localfs`](../../gateways/connection/adapters/localfs/index.html)
- * [`s3`](../../gateways/connection/adapters/s3/index.html)
- * [`download`](../../gateways/connection/download/index.html)
- * [`session`](../../gateways/connection/session/index.html)
- * [`disk`](../../gateways/disk/index.html) __
- * [`create`](../../gateways/disk/create/index.html)
- * [`delete`](../../gateways/disk/delete/index.html)
- * [`link`](../../gateways/disk/link/index.html)
- * [`lock`](../../gateways/disk/lock/index.html)
- * [`permissions`](../../gateways/disk/permissions/index.html)
- * [`read`](../../gateways/disk/read/index.html)
- * [`test`](../../gateways/disk/test/index.html)
- * [`update`](../../gateways/disk/update/index.html)
- * [`logging`](../../gateways/logging/index.html)
- * [`repodata`](../../gateways/repodata/index.html) __
- * [`jlap`](../../gateways/repodata/jlap/index.html) __
- * [`core`](../../gateways/repodata/jlap/core/index.html)
- * [`fetch`](../../gateways/repodata/jlap/fetch/index.html)
- * [`interface`](../../gateways/repodata/jlap/interface/index.html)
- * [`lock`](../../gateways/repodata/lock/index.html)
- * [`subprocess`](../../gateways/subprocess/index.html)
- * [`history`](../../history/index.html)
- * [`instructions`](../../instructions/index.html)
- * [`misc`](../../misc/index.html)
- * [`models`](../../models/index.html) __
- * [`channel`](../../models/channel/index.html)

- * [`dist``](../../models/dist/index.html)
- * [`enums``](../../models/enums/index.html)
- * [`leased_path_entry``](../../models/leased_path_entry/index.html)
- * [`match_spec``](../../models/match_spec/index.html)
- * [`package_info``](../../models/package_info/index.html)
- * [`prefix_graph``](../../models/prefix_graph/index.html)
- * [`records``](../../models/records/index.html)
- * [`version``](../../models/version/index.html)
- * [`notices``](../../notices/index.html) __
- * [`cache``](../../notices/cache/index.html)
- * [`core``](../../notices/core/index.html)
- * [`fetch``](../../notices/fetch/index.html)
- * [`types``](../../notices/types/index.html)
- * [`views``](../../notices/views/index.html)
- * [`plan``](../../plan/index.html)
- * [`plugins``](../../plugins/index.html) __
- * [`hookspec``](../../plugins/hookspec/index.html)
- * [`manager``](../../plugins/manager/index.html)
- * [`post_solves``](../../plugins/post_solves/index.html) __
- * [`signature_verification``](../../plugins/post_solves/signature_verification/index.html)
- * [`reporter_backends``](../../plugins/reporter_backends/index.html) __
- * [`console``](../../plugins/reporter_backends/console/index.html)
- * [`json``](../../plugins/reporter_backends/json/index.html)
- * [`solvers``](../../plugins/solvers/index.html)
- * [`subcommands``](../../plugins/subcommands/index.html) __
- * [`doctor``](../../plugins/subcommands/doctor/index.html) __
- * [`health_checks``](../../plugins/subcommands/doctor/health_checks/index.html)

- * [`types`](../../plugins/types/index.html)
- * [`virtual_packages`](../../plugins/virtual_packages/index.html) __
 - * [` archspec`](../../plugins/virtual_packages/archspec/index.html)
 - * [`conda`](../../plugins/virtual_packages/conda/index.html)
 - * [`cuda`](../../plugins/virtual_packages/cuda/index.html)
 - * [`freebsd`](../../plugins/virtual_packages/freebsd/index.html)
 - * [`linux`](../../plugins/virtual_packages/linux/index.html)
 - * [`osx`](../../plugins/virtual_packages/osx/index.html)
 - * [`windows`](../../plugins/virtual_packages/windows/index.html)
- * [`reporters`](../../reporters/index.html)
- * [`resolve`](../../resolve/index.html)
- * [`testing`](../../testing/index.html) __
 - * [`cases`](../../testing/cases/index.html)
 - * [`fixtures`](../../testing/fixtures/index.html)
 - * [`gateways`](../../testing/gateways/index.html) __
 - * [` fixtures`](../../testing/gateways/fixtures/index.html)
 - * [`helpers`](../../testing/helpers/index.html)
 - * [`integration`](../../testing/integration/index.html)
 - * [`notices`](../../testing/notices/index.html) __
 - * [` fixtures`](../../testing/notices/fixtures/index.html)
 - * [`helpers`](../../testing/notices/helpers/index.html)
 - * [`solver_helpers`](../../testing/solver_helpers/index.html)
- * [`trust`](../../trust/index.html) __
 - * [` constants`](../../trust/constants/index.html)
 - * [`signature_verification`](../../trust/signature_verification/index.html)
- * [`utils`](../../utils/index.html)
- * [`conda_env`](../../conda_env/index.html) __

* [`cli``](../../conda_env/cli/index.html)

* [`installers``](../../conda_env/installers/index.html)

* [`__`](../../index.html)

* [Developer guide](../../index.html)

* `__`

* [`auxlib``](../index.html)

*

`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) |

``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#`

`DEBUG_FORMATTER#`

`INFO_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)
```

```
_DUMPS#
```

json.dumps(_obj_)#

fullname(_obj_)#

request_header_sort_dict#

request_header_sort_key(_item_)#

response_header_sort_dict#

response_header_sort_key(_item_)#

stringify(_obj_ , _content_max_len =0_)#

___On this page

- * Classes

- * Functions

- * Attributes

- * `root_log`

- * `NullHandler`

- * `DEBUG_FORMATTER`

- * `INFO_FORMATTER`

- * `set_root_level()`

- * `attach_stderr()`

- * `detach_stderr()`

- * `initialize_logging()`

- * `DumpEncoder`

- * `DumpEncoder.default()`

- * `_DUMPS`

- * `jsondumps()`

- * `fullname()`

- * `request_header_sort_dict`

- * `request_header_sort_key()`

- * `response_header_sort_dict`

- * `response_header_sort_key()`

- * `stringify()`

[__Edit on GitHub](https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/auxlib/logz/index.rst)

[__Show Source](../../../../_sources/dev-guide/api/conda/auxlib/logz/index.rst.txt)

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[Analytics Dashboard __](https://docs-conda-io.goatcounter.com "Analytics Dashboard")

Built with the [PyData Sphinx Theme](https://pydata-sphinx-theme.readthedocs.io/en/stable/index.html) 0.15.4.