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)
  * [Miniconda](https://docs.anaconda.com/free/miniconda/)
  * conda.org

  * [__ GitHub](https://github.com/conda/conda "GitHub")
  * [![Element](../../../../../_static/element_logo.svg)](http://bit.ly/conda-chat-room "Element")
  * [__ Discourse](https://conda.discourse.group/ "Discourse")

  * [Conda](https://docs.conda.io/projects/conda/)
  * [Conda-build](https://docs.conda.io/projects/conda-build)
  * [Miniconda](https://docs.anaconda.com/free/miniconda/)
  * conda.org

  * [__ GitHub](https://github.com/conda/conda "GitHub")
  * [![Element](../../../../../_static/element_logo.svg)](http://bit.ly/conda-chat-room "Element")
  * [__ Discourse](https://conda.discourse.group/ "Discourse")

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`](../../auxlib/index.html) __
  * [` collection`](../../auxlib/collection/index.html)
  * [`compat`](../../auxlib/compat/index.html)
  * [`decorators`](../../auxlib/decorators/index.html)
  * [`entity`](../../auxlib/entity/index.html)
  * [`exceptions`](../../auxlib/exceptions/index.html)
  * [`ish`](../../auxlib/ish/index.html)
  * [`logz`](../../auxlib/logz/index.html)
  * [`type_coercion`](../../auxlib/type_coercion/index.html)
* [`base`](../index.html) __
  * ` constants`
  * [`context`](../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)
  * __
  * [` base`](../index.html)
  *

`constants`#

This file should hold most string literals and magic numbers used throughout
the code base. The exception is if a literal is specifically meant to be
private to and isolated within a module. Think of this as a "more static"
source of configuration information.

Another important source of "static" configuration is conda/models/enums.py.

Classes#

`SafetyChecks`	Generic enumeration.
`PathConflict`	Generic enumeration.
`DepsModifier`	Flags to enable alternate handling of dependencies.
`UpdateModifier`	Generic enumeration.
`ChannelPriorityMeta`	Metaclass for Enum
`ValueEnum`	Subclass of enum that returns the value of the enum as its str representation

`ChannelPriority` | Subclass of enum that returns the value of the enum as its str representation

`SatSolverChoice` | Subclass of enum that returns the value of the enum as its str representation

`NoticeLevel` | Subclass of enum that returns the value of the enum as its str representation

Attributes#

`PREFIX_PLACEHOLDER` |

---|---

`machine_bits` |

`APP_NAME` |

`SEARCH_PATH` |

`DEFAULT_CHANNEL_ALIAS` |

`CONDA_HOMEPAGE_URL` |

`ERROR_UPLOAD_URL` |

`DEFAULTS_CHANNEL_NAME` |

`RECOGNIZED_URL_SCHEMES` |

`DEFAULT_CHANNELS_UNIX` |

`DEFAULT_CHANNELS_WIN` |

`DEFAULT_CUSTOM_CHANNELS` |

`DEFAULT_CHANNELS` |

`ROOT_ENV_NAME` |

`UNUSED_ENV_NAME` |

`ROOT_NO_RM` |

`DEFAULT_AGGRESSIVE_UPDATE_PACKAGES` |

`COMPATIBLE_SHELLS` |

`MAX_CHANNEL_PRIORITY` |

`CONDA_PACKAGE_EXTENSION_V1` |

`CONDA_PACKAGE_EXTENSION_V2` |

`CONDA_PACKAGE_EXTENSIONS` |

`CONDA_PACKAGE_PARTS` |

`CONDA_TARBALL_EXTENSION` |

`CONDA_TEMP_EXTENSION` |

`CONDA_TEMP_EXTENSIONS` |

`CONDA_LOGS_DIR` |

`UNKNOWN_CHANNEL` |

`REPODATA_FN` |

`NOTICES_FN` |

`NOTICES_CACHE_FN` |

`NOTICES_CACHE_SUBDIR` |

`NOTICES_DECORATOR_DISPLAY_INTERVAL` |

`DRY_RUN_PREFIX` |

`PREFIX_NAME_DISALLOWED_CHARS` |

`DEFAULT_SOLVER` |

`CLASSIC_SOLVER` |

`DEFAULT_JSON_REPORTER_BACKEND` |

`DEFAULT_CONSOLE_REPORTER_BACKEND` |

`PACKAGE_CACHE_MAGIC_FILE` |

`PREFIX_MAGIC_FILE` |

`PREFIX_STATE_FILE` |

`PACKAGE_ENV_VARS_DIR` |

`CONDA_ENV_VARS_UNSET_VAR` |

`NAMESPACES_MAP` |

`NAMESPACE_PACKAGE_NAMES` |

`NAMESPACES` |

`NO_PLUGINS` |

PREFIX_PLACEHOLDER _ = '/opt/anaconda1anaconda2anaconda3'_#

machine_bits#

APP_NAME _ = 'conda'_#

SEARCH_PATH _ = ('C:/ProgramData/conda/.condarc',

'C:/ProgramData/conda/condarc', 'C:/ProgramData/conda/condarc.d')_#

DEFAULT_CHANNEL_ALIAS _ = 'https://conda.anaconda.org'_#

CONDA_HOMEPAGE_URL _ = 'https://conda.io'_#

ERROR_UPLOAD_URL _ = 'https://conda.io/conda-post/unexpected-error'_#

DEFAULTS_CHANNEL_NAME _ = 'defaults'_#

RECOGNIZED_URL_SCHEMES _ = ('http', 'https', 'ftp', 's3', 'file')_#

DEFAULT_CHANNELS_UNIX _ = ('https://repo.anaconda.com/pkgs/main',

'https://repo.anaconda.com/pkgs/r')_#

DEFAULT_CHANNELS_WIN _ = ('https://repo.anaconda.com/pkgs/main',

'https://repo.anaconda.com/pkgs/r',..._#

DEFAULT_CUSTOM_CHANNELS#

DEFAULT_CHANNELS#

ROOT_ENV_NAME _ = 'base'_#

UNUSED_ENV_NAME _ = 'unused-env-name'_#

ROOT_NO_RM _ = ('python', 'pycosat', 'ruamel.yaml', 'conda', 'openssl',

'requests')_#

DEFAULT_AGGRESSIVE_UPDATE_PACKAGES _ = ('ca-certificates', 'certifi',

'openssl')_#

COMPATIBLE_SHELLS _ = ('bash', 'cmd.exe', 'fish', 'tcsh', 'xonsh', 'zsh',

'powershell')_#

MAX_CHANNEL_PRIORITY _ = 10000_#

CONDA_PACKAGE_EXTENSION_V1 _ = '.tar.bz2'_#

CONDA_PACKAGE_EXTENSION_V2 _ = '.conda'_#

CONDA_PACKAGE_EXTENSIONS _ = ()_#

CONDA_PACKAGE_PARTS#

CONDA_TARBALL_EXTENSION#

CONDA_TEMP_EXTENSION _ = '.c~'_#

CONDA_TEMP_EXTENSIONS _ = ()_#

CONDA_LOGS_DIR _ = '.logs'_#

UNKNOWN_CHANNEL _ = '<unknown>'_#

REPODATA_FN _ = 'repodata.json'_#

NOTICES_FN _ = 'notices.json'_#

NOTICES_CACHE_FN _ = 'notices.cache'_#

NOTICES_CACHE_SUBDIR _ = 'notices'_#

NOTICES_DECORATOR_DISPLAY_INTERVAL _ = 86400_#

DRY_RUN_PREFIX _ = 'Dry run action:'_#

PREFIX_NAME_DISALLOWED_CHARS#

_class _SafetyChecks#

Bases: [`enum.Enum`](https://docs.python.org/3/library/enum.html#enum.Enum "\(in Python v3.13\)")

Generic enumeration.

Derive from this class to define new enumerations.

disabled _ = 'disabled'_#

warn _ = 'warn'_#

enabled _ = 'enabled'_#

__str__()#

Return str(self).

_class _PathConflict#

Bases: [`enum.Enum`](https://docs.python.org/3/library/enum.html#enum.Enum

"\(in Python v3.13\)")

Generic enumeration.

Derive from this class to define new enumerations.

clobber _ = 'clobber'_#

warn _ = 'warn'_#

prevent _ = 'prevent'_#

__str__()#

Return str(self).

_class _DepsModifier#

Bases: [`enum.Enum`](https://docs.python.org/3/library/enum.html#enum.Enum

"\(in Python v3.13\)")

Flags to enable alternate handling of dependencies.

NOT_SET _ = 'not_set'_#

NO_DEPS _ = 'no_deps'_#

ONLY_DEPS _ = 'only_deps'_#

__str__()#

Return str(self).

_class _UpdateModifier#

Bases: [`enum.Enum`](https://docs.python.org/3/library/enum.html#enum.Enum

"\(in Python v3.13\)")

Generic enumeration.

Derive from this class to define new enumerations.

SPECS_SATISFIED_SKIP_SOLVE _ = 'specs_satisfied_skip_solve'_#

FREEZE_INSTALLED _ = 'freeze_installed'_#

UPDATE_DEPS _ = 'update_deps'_#

UPDATE_SPECS _ = 'update_specs'_#

UPDATE_ALL _ = 'update_all'_#

__str__()#

Return str(self).

_class _ChannelPriorityMeta#

Bases: `enum.EnumMeta`

Metaclass for Enum

__call__(_value_ , _* args_, _** kwargs_)#

Either returns an existing member, or creates a new enum class.

This method is used both when an enum class is given a value to match to an enumeration member (i.e. Color(3)) and for the functional API (i.e. Color = Enum('Color', names='RED GREEN BLUE')).

When used for the functional API:

value will be the name of the new class.

names should be either a string of white-space/comma delimited names (values will start at start), or an iterator/mapping of name, value pairs.

module should be set to the module this class is being created in; if it is not set, an attempt to find that module will be made, but if it fails the

class will not be picklable.

qualname should be set to the actual location this class can be found at in

its module; by default it is set to the global scope. If this is not correct,

unpickling will fail in some circumstances.

type, if set, will be mixed in as the first base class.

_class _ValueEnum#

Bases: [`enum.Enum`](https://docs.python.org/3/library/enum.html#enum.Enum

"\(in Python v3.13\)")

Subclass of enum that returns the value of the enum as its str representation

__str__()#

Return str(self).

_class _ChannelPriority#

Bases: `ValueEnum`

Subclass of enum that returns the value of the enum as its str representation

__name___ = 'ChannelPriority'_#

STRICT _ = 'strict'_#

FLEXIBLE _ = 'flexible'_#

DISABLED _ = 'disabled'_#

_class _SatSolverChoice#

Bases: `ValueEnum`

Subclass of enum that returns the value of the enum as its str representation

PYCOSAT _ = 'pycosat'_#

PYCRYPTOSAT _ = 'pycryptosat'_#

PYSAT _ = 'pysat'_#

DEFAULT_SOLVER _ = 'libmamba'_#

CLASSIC_SOLVER _ = 'classic'_#

DEFAULT_JSON_REPORTER_BACKEND _ = 'json'_#

DEFAULT_CONSOLE_REPORTER_BACKEND _ = 'classic'_#

_class _NoticeLevel#

Bases: `ValueEnum`

Subclass of enum that returns the value of the enum as its str representation

CRITICAL _ = 'critical'_#

WARNING _ = 'warning'_#

INFO _ = 'info'_#

PACKAGE_CACHE_MAGIC_FILE _ = 'urls.txt'_#

PREFIX_MAGIC_FILE#

PREFIX_STATE_FILE#

PACKAGE_ENV_VARS_DIR#

CONDA_ENV_VARS_UNSET_VAR _ = '***unset***'_#

NAMESPACES_MAP#

NAMESPACE_PACKAGE_NAMES#

NAMESPACES#

NO_PLUGINS _ = False_#

__On this page

* Classes
* Attributes
  * `PREFIX_PLACEHOLDER`
  * `machine_bits`
  * `APP_NAME`
  * `SEARCH_PATH`
  * `DEFAULT_CHANNEL_ALIAS`
  * `CONDA_HOMEPAGE_URL`
  * `ERROR_UPLOAD_URL`
  * `DEFAULTS_CHANNEL_NAME`
  * `RECOGNIZED_URL_SCHEMES`
  * `DEFAULT_CHANNELS_UNIX`
  * `DEFAULT_CHANNELS_WIN`
  * `DEFAULT_CUSTOM_CHANNELS`
  * `DEFAULT_CHANNELS`
  * `ROOT_ENV_NAME`
  * `UNUSED_ENV_NAME`
  * `ROOT_NO_RM`
  * `DEFAULT_AGGRESSIVE_UPDATE_PACKAGES`
  * `COMPATIBLE_SHELLS`
  * `MAX_CHANNEL_PRIORITY`

* `CONDA_PACKAGE_EXTENSION_V1`
* `CONDA_PACKAGE_EXTENSION_V2`
* `CONDA_PACKAGE_EXTENSIONS`
* `CONDA_PACKAGE_PARTS`
* `CONDA_TARBALL_EXTENSION`
* `CONDA_TEMP_EXTENSION`
* `CONDA_TEMP_EXTENSIONS`
* `CONDA_LOGS_DIR`
* `UNKNOWN_CHANNEL`
* `REPODATA_FN`
* `NOTICES_FN`
* `NOTICES_CACHE_FN`
* `NOTICES_CACHE_SUBDIR`
* `NOTICES_DECORATOR_DISPLAY_INTERVAL`
* `DRY_RUN_PREFIX`
* `PREFIX_NAME_DISALLOWED_CHARS`
* `SafetyChecks`
  * `SafetyChecks.disabled`
  * `SafetyChecks.warn`
  * `SafetyChecks.enabled`
  * `SafetyChecks.__str__()`
* `PathConflict`
  * `PathConflict.clobber`
  * `PathConflict.warn`
  * `PathConflict.prevent`
  * `PathConflict.__str__()`
* `DepsModifier`

  * `DepsModifier.NOT_SET`
  * `DepsModifier.NO_DEPS`
  * `DepsModifier.ONLY_DEPS`
  * `DepsModifier.__str__()`
* `UpdateModifier`
  * `UpdateModifier.SPECS_SATISFIED_SKIP_SOLVE`
  * `UpdateModifier.FREEZE_INSTALLED`
  * `UpdateModifier.UPDATE_DEPS`
  * `UpdateModifier.UPDATE_SPECS`
  * `UpdateModifier.UPDATE_ALL`
  * `UpdateModifier.__str__()`
* `ChannelPriorityMeta`
  * `ChannelPriorityMeta.__call__()`
* `ValueEnum`
  * `ValueEnum.__str__()`
* `ChannelPriority`
  * `ChannelPriority.__name__`
  * `ChannelPriority.STRICT`
  * `ChannelPriority.FLEXIBLE`
  * `ChannelPriority.DISABLED`
* `SatSolverChoice`
  * `SatSolverChoice.PYCOSAT`
  * `SatSolverChoice.PYCRYPTOSAT`
  * `SatSolverChoice.PYSAT`
* `DEFAULT_SOLVER`
* `CLASSIC_SOLVER`
* `DEFAULT_JSON_REPORTER_BACKEND`

* `DEFAULT_CONSOLE_REPORTER_BACKEND`
* `NoticeLevel`
  * `NoticeLevel.CRITICAL`
  * `NoticeLevel.WARNING`
  * `NoticeLevel.INFO`
* `PACKAGE_CACHE_MAGIC_FILE`
* `PREFIX_MAGIC_FILE`
* `PREFIX_STATE_FILE`
* `PACKAGE_ENV_VARS_DIR`
* `CONDA_ENV_VARS_UNSET_VAR`
* `NAMESPACES_MAP`
* `NAMESPACE_PACKAGE_NAMES`
* `NAMESPACES`
* `NO_PLUGINS`

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

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

© Copyright 2017, Anaconda, Inc.

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

[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.