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\*

# `enums`#

Collection of enums used throughout conda.

## Classes#

`Arch` | Generic enumeration.

---|---

`Platform` | Generic enumeration.

`FileMode` | Generic enumeration.

`LinkType` | Generic enumeration.

`PathType` | Refers to if the file in question is hard linked or soft linked. Originally designed to be used

`PackageType` | Generic enumeration.

`NoarchType` | Generic enumeration.

\_class \_Arch#

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.

`x86 _ = 'x86' _#`

`x86_64 _ = 'x86_64' _#`

`arm64 _ = 'arm64' _#`

`armv6l _ = 'armv6l' _#`

`armv7l _ = 'armv7l' _#`

aarch64 \_ = 'aarch64' \_#

ppc64 \_ = 'ppc64' \_#

ppc64le \_ = 'ppc64le' \_#

riscv64 \_ = 'riscv64' \_#

s390x \_ = 's390x' \_#

wasm32 \_ = 'wasm32' \_#

z \_ = 'z' \_#

`_classmethod _from_sys()#`

`__json__()#`

`_class _Platform#`

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.

`freebsd _ = 'freebsd' _#`

`linux _ = 'linux' _#`



win \_ = 'win32'\_#

openbsd \_ = 'openbsd5'\_#

osx \_ = 'darwin'\_#

zos \_ = 'zos'\_#

emscripten \_ = 'emscripten'\_#

wasi \_ = 'wasi'\_#

`_classmethod _from_sys()#`

`__json__()#`

`_class _FileMode#`

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.

`text _ = 'text' _#`

`binary _ = 'binary' _#`

`__str__()`#

Return `str(self)`.

`_class _LinkType`#

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.

`hardlink _ = 1_`#

`softlink _ = 2_`#

`copy _ = 3_`#

directory \_ = 4\_#

\_\_int\_\_()#

\_\_str\_\_()#

Return str(self).

\_\_json\_\_()#

\_class \_PathType#

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

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

Refers to if the file in question is hard linked or soft linked. Originally designed to be used in paths.json

hardlink \_ = 'hardlink' \_#

softlink \_ = 'softlink' \_#

directory \_ = 'directory' \_#

linked\_package\_record \_ = 'linked\_package\_record' \_#

pyc\_file \_ = 'pyc\_file' \_#

unix\_python\_entry\_point \_ = 'unix\_python\_entry\_point' \_#

`windows_python_entry_point_script _ = 'windows_python_entry_point_script' _#`

`windows_python_entry_point_exe _ = 'windows_python_entry_point_exe' _#`

`basic_types()#`

`__str__()#`

`Return str(self).`

`__json__()#`

`_class _PackageType#`

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.

NOARCH\_GENERIC \_ = 'noarch\_generic' \_#

NOARCH\_PYTHON \_ = 'noarch\_python' \_#

VIRTUAL\_PRIVATE\_ENV \_ = 'virtual\_private\_env' \_#

VIRTUAL\_PYTHON\_WHEEL \_ = 'virtual\_python\_wheel' \_#

VIRTUAL\_PYTHON\_EGG\_MANAGEABLE \_ = 'virtual\_python\_egg\_manageable' \_#

VIRTUAL\_PYTHON\_EGG\_UNMANAGEABLE \_ = 'virtual\_python\_egg\_unmanageable' \_#

VIRTUAL\_PYTHON\_EGG\_LINK \_ = 'virtual\_python\_egg\_link' \_#

VIRTUAL\_SYSTEM \_ = 'virtual\_system' \_#

\_static \_conda\_package\_types()#

\_static \_unmanageable\_package\_types()#

\_class \_NoarchType#

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.

```
generic _ = 'generic' _#
```

```
python _ = 'python' _#
```

```
_static _coerce(_val_)#
```

\_\_\_On this page

\* Classes

\* `Arch`

\* `Arch.x86`

\* `Arch.x86\_64`

\* `Arch.arm64`

\* `Arch.armv6l`

\* `Arch.armv7l`

\* `Arch.aarch64`

\* `Arch.ppc64`

\* `Arch.ppc64le`

- \* `Arch.riscv64`
- \* `Arch.s390x`
- \* `Arch.wasm32`
- \* `Arch.z`
- \* `Arch.from\_sys()`
- \* `Arch.\_\_json\_\_()`
- \* `Platform`
- \* `Platform.freebsd`
- \* `Platform.linux`
- \* `Platform.win`
- \* `Platform.openbsd`
- \* `Platform.osx`
- \* `Platform.zos`
- \* `Platform.emscripten`
- \* `Platform.wasi`
- \* `Platform.from\_sys()`
- \* `Platform.\_\_json\_\_()`
- \* `FileMode`
- \* `FileMode.text`
- \* `FileMode.binary`
- \* `FileMode.\_\_str\_\_()`
- \* `LinkType`
- \* `LinkType.hardlink`
- \* `LinkType.softlink`
- \* `LinkType.copy`
- \* `LinkType.directory`
- \* `LinkType.\_\_int\_\_()`

- \* `LinkType.\_\_str\_\_()`
- \* `LinkType.\_\_json\_\_()`
- \* `PathType`
  - \* `PathType.hardlink`
  - \* `PathType.softlink`
  - \* `PathType.directory`
  - \* `PathType.linked\_package\_record`
  - \* `PathType.pyc\_file`
  - \* `PathType.unix\_python\_entry\_point`
  - \* `PathType.windows\_python\_entry\_point\_script`
  - \* `PathType.windows\_python\_entry\_point\_exe`
  - \* `PathType.basic\_types()`
  - \* `PathType.\_\_str\_\_()`
  - \* `PathType.\_\_json\_\_()`
- \* `PackageType`
  - \* `PackageType.NOARCH\_GENERIC`
  - \* `PackageType.NOARCH\_PYTHON`
  - \* `PackageType.VIRTUAL\_PRIVATE\_ENV`
  - \* `PackageType.VIRTUAL\_PYTHON\_WHEEL`
  - \* `PackageType.VIRTUAL\_PYTHON\_EGG\_MANAGEABLE`
  - \* `PackageType.VIRTUAL\_PYTHON\_EGG\_UNMANAGEABLE`
  - \* `PackageType.VIRTUAL\_PYTHON\_EGG\_LINK`
  - \* `PackageType.VIRTUAL\_SYSTEM`
  - \* `PackageType.conda\_package\_types()`
  - \* `PackageType.unmanageable\_package\_types()`
- \* `NoarchType`
  - \* `NoarchType.generic`

\* `NoarchType.python``

\* `NoarchType.coerce()``

[ [\\_\\_Edit on GitHub](https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/models/enums/index.rst)](https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/models/enums/index.rst)

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