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*

`dist``

(Legacy) Low-level implementation of a Channel.

Classes#

`DistDetails`` |

---|---

`DistType`` |

`Dist`` |

Functions#

`strip_extension``(original_dist) |

---|---

`split_extension``(original_dist) |

`dist_str_to_quad``(dist_str) |

`_class _DistDetails#`

Bases: ``NamedTuple``

`name _: [str](https://docs.python.org/3/library/stdtypes.html#str "(in Python v3.13\))_#`

`version _: [str](https://docs.python.org/3/library/stdtypes.html#str "(in Python v3.13\))_#`

`build_string _: [str](https://docs.python.org/3/library/stdtypes.html#str "(in Python v3.13\))_#`

`build_number _: [str](https://docs.python.org/3/library/stdtypes.html#str "(in Python v3.13\))_#`

`dist_name _: [str](https://docs.python.org/3/library/stdtypes.html#str "(in`

Python v3.13\")_#

fmt _: [str](<https://docs.python.org/3/library/stdtypes.html#str> "\ (in Python
v3.13\")_#

_class _DistType(_name_ , _bases_ , _attr_)#

Bases: `conda.auxlib.entity.EntityType`

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

Call self as a function.

strip_extension(_original_dist_)#

split_extension(_original_dist_)#

```
_class _Dist(_channel_ , _dist_name =None_, _name =None_, _version =None_,  
_build_string =None_, _build_number =None_, _base_url =None_, _platform  
=None_, _fmt ='.tar.bz2'_)#
```

Bases:

```
[`conda.auxlib.entity.Entity`](../auxlib/entity/index.html#conda.auxlib.entity.Entity  
"conda.auxlib.entity.Entity")
```

_property _full_name#

_property _build#

_property _subdir#

_property _pair#

_property _quad#

_property _is_feature_package#

_property _is_channel#

_property _fn#

cache#

_lazy_validate _ = True_#

channel#

dist_name#

name#

fmt#

version#

build_string#

build_number#

base_url#

platform#

to_package_ref()#

__str__()#

Return str(self).

to_filename(_extension =None_)#

to_matchspec()#

to_match_spec()#

`_classmethod _from_string(_string_ , _channel_override =NULL_)#`

`_static _parse_dist_name(_string_)#`

`_classmethod _from_url(_url_)#`

`to_url()#`

`__key__()#`

`__lt__(_other_)#`

Return self<value.

`__gt__(_other_)`#

Return self>value.

`__le__(_other_)`#

Return self<=value.

`__ge__(_other_)`#

Return self>=value.

`__hash__()`#

Return hash(self).

`__eq__(_other_)`#

Return self==value.

__ne__(_other_)#

Return self!=value.

split(_sep =None_, _maxsplit =-1_)#

rsplit(_sep =None_, _maxsplit =-1_)#

startswith(_match_)#

__contains__(_item_)#

dist_str_to_quad(_dist_str_)#

__On this page

* Classes

* Functions

* `DistDetails`

* `DistDetails.name`

* `DistDetails.version`

* `DistDetails.build_string`

* `DistDetails.build_number`

* `DistDetails.dist_name`

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* `DistType`

* `DistType.__call__()`

* `strip_extension()`

* `split_extension()`

* `Dist`

* `Dist.full_name`

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- * `Dist.__contains__()`
- * `dist_str_to_quad()`

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

[[Show Source](https://github.com/conda/conda/blob/main/docs/source/dev-guide/api/conda/models/dist/index.rst.txt)](../../../../../_sources/dev-guide/api/conda/models/dist/index.rst.txt)

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

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