

- **max\_frames** (`int`) – Maximum number of frames to show in a traceback, 0 for no maximum. Defaults to 100.

```
classmethod extract(exc_type, exc_value, traceback, *, show_locals=False, locals_max_length=10,
                   locals_max_string=80, locals_hide_dunder=True, locals_hide_sunder=False,
                   _visited_exceptions=None)
```

Extract traceback information.

#### Parameters

- **exc\_type** (`Type[BaseException]`) – Exception type.
- **exc\_value** (`BaseException`) – Exception value.
- **traceback** (`TracebackType`) – Python Traceback object.
- **show\_locals** (`bool`, *optional*) – Enable display of local variables. Defaults to False.
- **locals\_max\_length** (`int`, *optional*) – Maximum length of containers before abbreviating, or None for no abbreviation. Defaults to 10.
- **locals\_max\_string** (`int`, *optional*) – Maximum length of string before truncating, or None to disable. Defaults to 80.
- **locals\_hide\_dunder** (`bool`, *optional*) – Hide locals prefixed with double underscore. Defaults to True.
- **locals\_hide\_sunder** (`bool`, *optional*) – Hide locals prefixed with single underscore. Defaults to False.
- **\_visited\_exceptions** (`Set[BaseException] / None`)

#### Returns

A `Trace` instance which you can use to construct a `Traceback`.

#### Return type

`Trace`

```
classmethod from_exception(exc_type, exc_value, traceback, *, width=100, code_width=88,
                           extra_lines=3, theme=None, word_wrap=False, show_locals=False,
                           locals_max_length=10, locals_max_string=80, locals_hide_dunder=True,
                           locals_hide_sunder=False, indent_guides=True, suppress=(),
                           max_frames=100)
```

Create a traceback from exception info

#### Parameters

- **exc\_type** (`Type[BaseException]`) – Exception type.
- **exc\_value** (`BaseException`) – Exception value.
- **traceback** (`TracebackType`) – Python Traceback object.
- **width** (`Optional[int]`, *optional*) – Number of characters used to traceback. Defaults to 100.
- **code\_width** (`Optional[int]`, *optional*) – Number of code characters used to traceback. Defaults to 88.
- **extra\_lines** (`int`, *optional*) – Additional lines of code to render. Defaults to 3.
- **theme** (`str`, *optional*) – Override pygments theme used in traceback.
- **word\_wrap** (`bool`, *optional*) – Enable word wrapping of long lines. Defaults to False.