

- **show_locals** (*bool*, *optional*) – Enable display of local variables. Defaults to False.
- **indent_guides** (*bool*, *optional*) – Enable indent guides in code and locals. Defaults to True.
- **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.
- **suppress** (*Iterable[Union[*str*, *ModuleType*]]*) – Optional sequence of modules or paths to exclude from traceback.
- **max_frames** (*int*) – Maximum number of frames to show in a traceback, 0 for no maximum. Defaults to 100.

Returns

A Traceback instance that may be printed.

Return type

Traceback

```
rich.traceback.install(*, console=None, 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=None,
                        indent_guides=True, suppress=(), max_frames=100)
```

Install a rich traceback handler.

Once installed, any tracebacks will be printed with syntax highlighting and rich formatting.

Parameters

- **console** (*Optional[Console]*, *optional*) – Console to write exception to. Default uses internal Console instance.
- **width** (*Optional[int]*, *optional*) – Width (in characters) of traceback. Defaults to 100.
- **code_width** (*Optional[int]*, *optional*) – Code width (in characters) of traceback. Defaults to 88.
- **extra_lines** (*int*, *optional*) – Extra lines of code. Defaults to 3.
- **theme** (*Optional[str]*, *optional*) – Pygments theme to use in traceback. Defaults to None which will pick a theme appropriate for the platform.
- **word_wrap** (*bool*, *optional*) – Enable word wrapping of long lines. Defaults to False.
- **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.