

In most cases this file will not exist. If it doesn't exist, you can create it by:

```
$ touch .venv/lib/python3.9/site-packages/sitecustomize.py
```

Add the following code to the file:

```
from rich.traceback import install
install(show_locals=True)
```

At this point, the traceback will be installed for any code that is run within the virtual environment.

Note

If you plan on sharing your code, it is probably best to include the traceback install in your main entry point module.

9.3 Suppressing Frames

If you are working with a framework (click, django etc), you may only be interested in seeing the code from your own application within the traceback. You can exclude framework code by setting the *suppress* argument on *Traceback*, *install*, *Console.print_exception*, and *RichHandler*, which should be a list of modules or str paths.

Here's how you would exclude `click` from Rich exceptions:

```
import click
from rich.traceback import install
install(suppress=[click])
```

Suppressed frames will show the line and file only, without any code.

9.4 Max Frames

A recursion error can generate very large tracebacks that take a while to render and contain a lot of repetitive frames. Rich guards against this with a *max_frames* argument, which defaults to 100. If a traceback contains more than 100 frames then only the first 50, and last 50 will be shown. You can disable this feature by setting *max_frames* to 0.

Here's an example of printing a recursive error:

```
from rich.console import Console

def foo(n):
    return bar(n)

def bar(n):
    return foo(n)

console = Console()

try:
    foo(1)
```

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