

- **justify** (*str, optional*) – Justify method: “default”, “left”, “right”, “center”, or “full”. Defaults to `None`.
- **overflow** (*str, optional*) – Overflow method: “ignore”, “crop”, “fold”, or “ellipsis”. Defaults to `None`.
- **no\_wrap** (*Optional[bool], optional*) – Disable word wrapping. Defaults to `None`.
- **emoji** (*Optional[bool], optional*) – Enable emoji code, or `None` to use console default. Defaults to `None`.
- **markup** (*Optional[bool], optional*) – Enable markup, or `None` to use console default. Defaults to `None`.
- **highlight** (*Optional[bool], optional*) – Enable automatic highlighting, or `None` to use console default. Defaults to `None`.
- **width** (*Optional[int], optional*) – Width of output, or `None` to auto-detect. Defaults to `None`.
- **crop** (*Optional[bool], optional*) – Crop output to width of terminal. Defaults to `True`.
- **soft\_wrap** (*bool, optional*) – Enable soft wrap mode which disables word wrapping and cropping of text or `None` for Console default. Defaults to `None`.
- **new\_line\_start** (*bool, False*) – Insert a new line at the start if the output contains more than one line. Defaults to `False`.
- **height** (*int / None*)

**Return type**`None`

```
print_exception(*, width=100, extra_lines=3, theme=None, word_wrap=False, show_locals=False,
                  suppress=(), max_frames=100)
```

Prints a rich render of the last exception and traceback.

**Parameters**

- **width** (*Optional[int], optional*) – Number of characters used to render code. Defaults to 100.
- **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`.
- **show\_locals** (*bool, optional*) – Enable display of local variables. 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.

**Return type**`None`

```
print_json(json=None, *, data=None, indent=2, highlight=True, skip_keys=False, ensure_ascii=False,
            check_circular=True, allow_nan=True, default=None, sort_keys=False)
```

Pretty prints JSON. Output will be valid JSON.

**Parameters**