23.12 rich.logging

class rich.logging.**RichHandler**(*level=0*, *console=None*, ***, *show_time=True*, *omit_repeated_times=True*,
show_level=True, *show_path=True*, *enable_link_path=True*,
highlighter=None, *markup=False*, *rich_tracebacks=False*,
tracebacks_width=None, *tracebacks_code_width=88*,
tracebacks_extra_lines=3, *tracebacks_theme=None*,
tracebacks_word_wrap=True, *tracebacks_show_locals=False*,
tracebacks_suppress=(), *tracebacks_max_frames=100*,
locals_max_length=10, *locals_max_string=80*, *log_time_format='[%x
%X]'*, *keywords=None*)

A logging handler that renders output with Rich. The time / level / message and file are displayed in columns. The level is color coded, and the message is syntax highlighted.

> **ℹ Note**
>
> Be careful when enabling console markup in log messages if you have configured logging for libraries not under your control. If a dependency writes messages containing square brackets, it may not produce the intended output.

Parameters

- **level** (*Union[int, str], optional*) – Log level. Defaults to logging.NOTSET.
- **console** (*Console*, optional) – Optional console instance to write logs. Default will use a global console instance writing to stdout.
- **show_time** (*bool, optional*) – Show a column for the time. Defaults to True.
- **omit_repeated_times** (*bool, optional*) – Omit repetition of the same time. Defaults to True.
- **show_level** (*bool, optional*) – Show a column for the level. Defaults to True.
- **show_path** (*bool, optional*) – Show the path to the original log call. Defaults to True.
- **enable_link_path** (*bool, optional*) – Enable terminal link of path column to file. Defaults to True.
- **highlighter** (*Highlighter, optional*) – Highlighter to style log messages, or None to use ReprHighlighter. Defaults to None.
- **markup** (*bool, optional*) – Enable console markup in log messages. Defaults to False.
- **rich_tracebacks** (*bool, optional*) – Enable rich tracebacks with syntax highlighting and formatting. Defaults to False.
- **tracebacks_width** (*Optional[int], optional*) – Number of characters used to render tracebacks, or None for full width. Defaults to None.
- **tracebacks_code_width** (*int, optional*) – Number of code characters used to render tracebacks, or None for full width. Defaults to 88.
- **tracebacks_extra_lines** (*int, optional*) – Additional lines of code to render tracebacks, or None for full width. Defaults to None.
- **tracebacks_theme** (*str, optional*) – Override pygments theme used in traceback.
- **tracebacks_word_wrap** (*bool, optional*) – Enable word wrapping of long tracebacks lines. Defaults to True.