

- **max_string** (*int*, *optional*) – Maximum length of string before truncating, or None to disable. Defaults to None.
- **max_depth** (*int*, *optional*) – Maximum depth of nested data structures, or None for no maximum. Defaults to None.
- **expand_all** (*bool*, *optional*) – Expand all containers. Defaults to False.
- **max_frames** (*int*) – Maximum number of frames to show in a traceback, 0 for no maximum. Defaults to 100.

Return type

None

`rich.pretty.is_expandable(obj)`

Check if an object may be expanded by pretty print.

Parameters**obj** (*Any*)**Return type***bool*`rich.pretty.pprint(_object, *, console=None, indent_guides=True, max_length=None, max_string=None, max_depth=None, expand_all=False)`

A convenience function for pretty printing.

Parameters

- **_object** (*Any*) – Object to pretty print.
- **console** (*Console*, *optional*) – Console instance, or None to use default. Defaults to None.
- **max_length** (*int*, *optional*) – Maximum length of containers before abbreviating, or None for no abbreviation. Defaults to None.
- **max_string** (*int*, *optional*) – Maximum length of strings before truncating, or None to disable. Defaults to None.
- **max_depth** (*int*, *optional*) – Maximum depth for nested data structures, or None for unlimited depth. Defaults to None.
- **indent_guides** (*bool*, *optional*) – Enable indentation guides. Defaults to True.
- **expand_all** (*bool*, *optional*) – Expand all containers. Defaults to False.

Return type

None

`rich.pretty.pretty_repr(_object, *, max_width=80, indent_size=4, max_length=None, max_string=None, max_depth=None, expand_all=False)`

Prettify repr string by expanding on to new lines to fit within a given width.

Parameters

- **_object** (*Any*) – Object to repr.
- **max_width** (*int*, *optional*) – Desired maximum width of repr string. Defaults to 80.
- **indent_size** (*int*, *optional*) – Number of spaces to indent. Defaults to 4.
- **max_length** (*int*, *optional*) – Maximum length of containers before abbreviating, or None for no abbreviation. Defaults to None.