

Return type*Panel*

23.18 rich.pretty

```
class rich.pretty.Node(key_repr='', value_repr='', open_brace='', close_brace='', empty='', last=False,
                      is_tuple=False, is_ntuple=False, children=None, key_separator=':',
                      separator=',')
```

A node in a repr tree. May be atomic or a container.

Parameters

- **key_repr** (*str*)
- **value_repr** (*str*)
- **open_brace** (*str*)
- **close_brace** (*str*)
- **empty** (*str*)
- **last** (*bool*)
- **is_tuple** (*bool*)
- **is_ntuple** (*bool*)
- **children** (*List[Node]* / *None*)
- **key_separator** (*str*)
- **separator** (*str*)

check_length(start_length, max_length)

Check the length fits within a limit.

Parameters

- **start_length** (*int*) – Starting length of the line (indent, prefix, suffix).
- **max_length** (*int*) – Maximum length.

Returns

True if the node can be rendered within max length, otherwise False.

Return type*bool***iter_tokens()**

Generate tokens for this node.

Return type*Iterable[str]***render(max_width=80, indent_size=4, expand_all=False)**

Render the node to a pretty repr.

Parameters

- **max_width** (*int*, *optional*) – Maximum width of the repr. Defaults to 80.
- **indent_size** (*int*, *optional*) – Size of indents. Defaults to 4.
- **expand_all** (*bool*, *optional*) – Expand all levels. Defaults to False.