

**set\_spinner**(*spinner\_name*, *spinner\_style*='progress.spinner', *speed*=1.0)

Set a new spinner.

#### Parameters

- **spinner\_name** (*str*) – Spinner name, see `python -m rich.spinner`.
- **spinner\_style** (*Optional[StyleType]*, *optional*) – Spinner style. Defaults to “progress.spinner”.
- **speed** (*float*, *optional*) – Speed factor of spinner. Defaults to 1.0.

#### Return type

None

**class rich.progress.Task**(*id*, *description*, *total*, *completed*, *\_get\_time*, *finished\_time*=None, *visible*=True, *fields*=<factory>, *finished\_speed*=None, *\_lock*=<factory>)

Information regarding a progress task.

This object should be considered read-only outside of the `Progress` class.

#### Parameters

- **id** (*TaskID*)
- **description** (*str*)
- **total** (*float* | *None*)
- **completed** (*float*)
- **\_get\_time** (*Callable[[], float]*)
- **finished\_time** (*float* | *None*)
- **visible** (*bool*)
- **fields** (*Dict[str, Any]*)
- **finished\_speed** (*float* | *None*)
- **\_lock** (*RLock*)

**completed:** *float*

Number of steps completed

#### Type

*float*

**description:** *str*

Description of the task.

#### Type

*str*

**property elapsed:** *float* | *None*

Time elapsed since task was started, or None if the task hasn’t started.

#### Type

*Optional[float]*

**fields:** *Dict[str, Any]*

Arbitrary fields passed in via `Progress.update`.

#### Type

*dict*