start_task(*task_id*)

Start a task.

Starts a task (used when calculating elapsed time). You may need to call this manually, if you called `add_task` with `start=False`.

Parameters
task_id (*TaskID*) – ID of task.

Return type
None

stop()

Stop the progress display.

Return type
None

stop_task(*task_id*)

Stop a task.

This will freeze the elapsed time on the task.

Parameters
task_id (*TaskID*) – ID of task.

Return type
None

property task_ids: List[TaskID]

A list of task IDs.

property tasks: List[*Task*]

Get a list of Task instances.

track(*sequence*, *total=None*, *completed=0*, *task_id=None*, *description='Working...'*, *update_period=0.1*)

Track progress by iterating over a sequence.

You can also track progress of an iterable, which might require that you additionally specify `total`.

Parameters

- **sequence** (*Iterable[ProgressType]*) – Values you want to iterate over and track progress.
- **total** (*float | None*) – (float, optional): Total number of steps. Default is len(sequence).
- **completed** (*int, optional*) – Number of steps completed so far. Defaults to 0.
- **task_id** (*TaskID | None*) – (TaskID): Task to track. Default is new task.
- **description** (*str*) – (str, optional): Description of task, if new task is created.
- **update_period** (*float, optional*) – Minimum time (in seconds) between calls to update(). Defaults to 0.1.

Returns
An iterable of values taken from the provided sequence.

Return type
Iterable[ProgressType]