- **total** (*Optional[float]*) – (float, optional): Total number of steps. Default is len(sequence).

- **completed** (*int, optional*) – Number of steps completed so far. Defaults to 0.

- **auto_refresh** (*bool, optional*) – Automatic refresh, disable to force a refresh after each iteration. Default is True.

- **transient** (*bool*) – (bool, optional): Clear the progress on exit. Defaults to False.

- **console** (*Console, optional*) – Console to write to. Default creates internal Console instance.

- **refresh_per_second** (*float*) – Number of times per second to refresh the progress information. Defaults to 10.

- **style** (*StyleType, optional*) – Style for the bar background. Defaults to "bar.back".

- **complete_style** (*StyleType, optional*) – Style for the completed bar. Defaults to "bar.complete".

- **finished_style** (*StyleType, optional*) – Style for a finished bar. Defaults to "bar.finished".

- **pulse_style** (*StyleType, optional*) – Style for pulsing bars. Defaults to "bar.pulse".

- **update_period** (*float, optional*) – Minimum time (in seconds) between calls to update(). Defaults to 0.1.

- **disable** (*bool, optional*) – Disable display of progress.

- **show_speed** (*bool, optional*) – Show speed if total isn't known. Defaults to True.

- **get_time** (*Optional[Callable[[], float]]*)

   **Returns**
   An iterable of the values in the sequence.

   **Return type**
   Iterable[ProgressType]

rich.progress.**wrap_file**(*file*, *total*, *\**, *description='Reading...'*, *auto_refresh=True*, *console=None*, *transient=False*, *get_time=None*, *refresh_per_second=10*, *style='bar.back'*, *complete_style='bar.complete'*, *finished_style='bar.finished'*, *pulse_style='bar.pulse'*, *disable=False*)

   Read bytes from a file while tracking progress.

   **Parameters**

- **file** (*Union[str, PathLike[str], BinaryIO]*) – The path to the file to read, or a file-like object in binary mode.

- **total** (*int*) – Total number of bytes to read.

- **description** (*str, optional*) – Description of task show next to progress bar. Defaults to "Reading".

- **auto_refresh** (*bool, optional*) – Automatic refresh, disable to force a refresh after each iteration. Default is True.

- **transient** (*bool*) – (bool, optional): Clear the progress on exit. Defaults to False.

- **console** (*Console, optional*) – Console to write to. Default creates internal Console instance.