

Class ExpSeqBase

Properties:

- **curTime**
The time within the sequence where the next step will be added by “default”.

Methods:

- **addStep(<time_params>)**
Add a step or subsequence at **curTime** and forward **curTime**. Returns **TimeSeq**.
- **addBackground(<time_params>)**
Add a step or subsequence at **curTime** without forwarding **curTime**. Returns **TimeSeq**.
- **addAt(time_point, <time_params>)**
Add a step or subsequence at **time_point** without updating **curTime**. Returns **TimeSeq**.
- **addFloating(<time_params>)**
Add a step or subsequence at unspecified time without updating **curTime**. Returns **TimeSeq**.
- **wait(t)**
Wait for time **t**.
- **waitAll()**
Wait for all children **TimeSeq** to finish.
- **waitBackground()**
Wait for all **TimeSeq** added directly via **addBackground** to finish.
- **waitFor(seqs, offset=0)**
Wait for **seqs** to finish.
- **totalTime()**
Returns the total length of the sequence.

Class TimeSeq

Methods:

- **setTime(time_point, time_ratio=0, offset=0)**
Set the time for a **TimeSeq** with unspecified time (added with **addFloating**).

Class TimeStep

Methods:

- **add(channel_name, output)**
Generate output on **channel_name**.

Class TimePoint

Constructor:

- **TimePoint(seq, time_ratio, offset)**
Create a **TimePoint** corresponding to a time within **seq** (class **TimeSeq**).