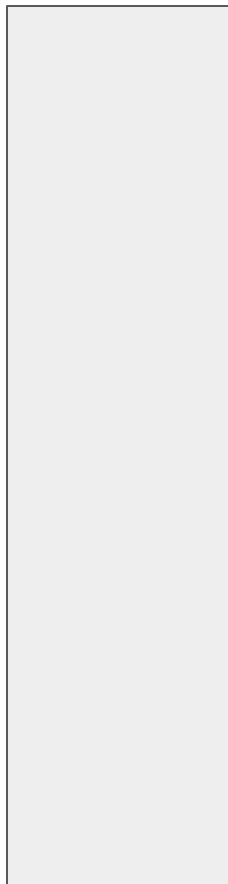
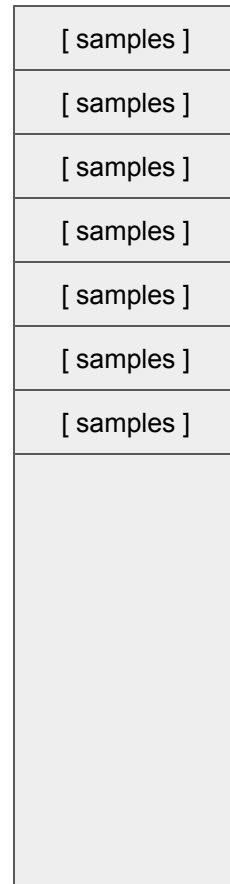


{ 'attack': 100 }

UI Thread



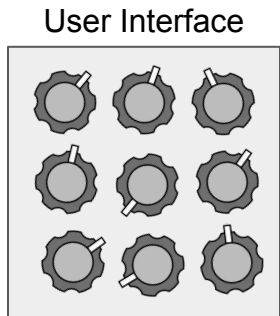
Realtime Thread



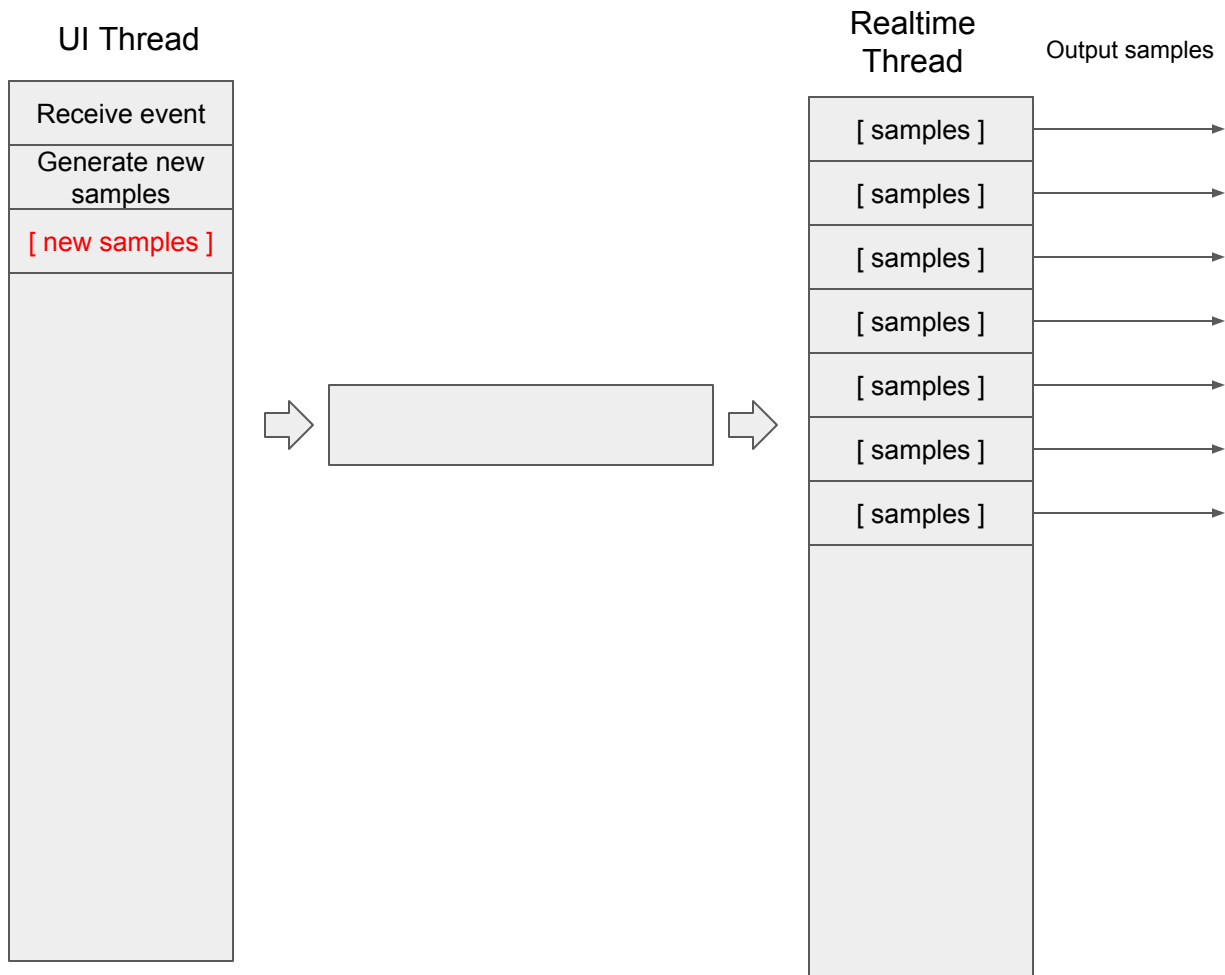
Output samples

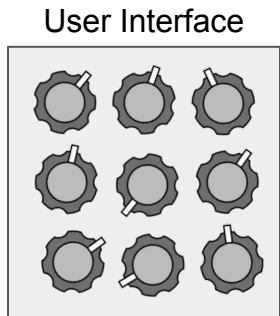


First, the UI tells the UI thread that something happened

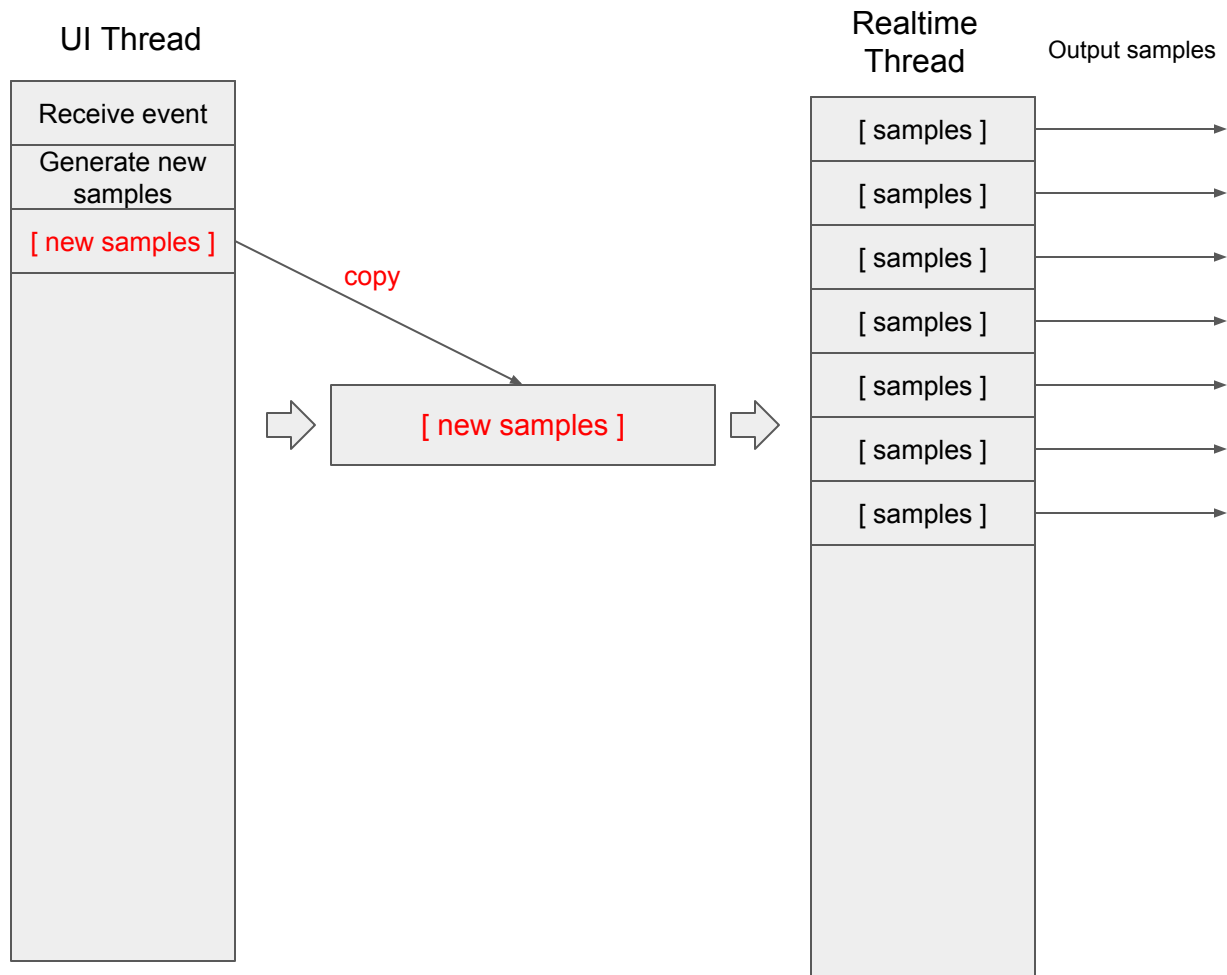


Next, the UI thread  
generates a new list of  
samples



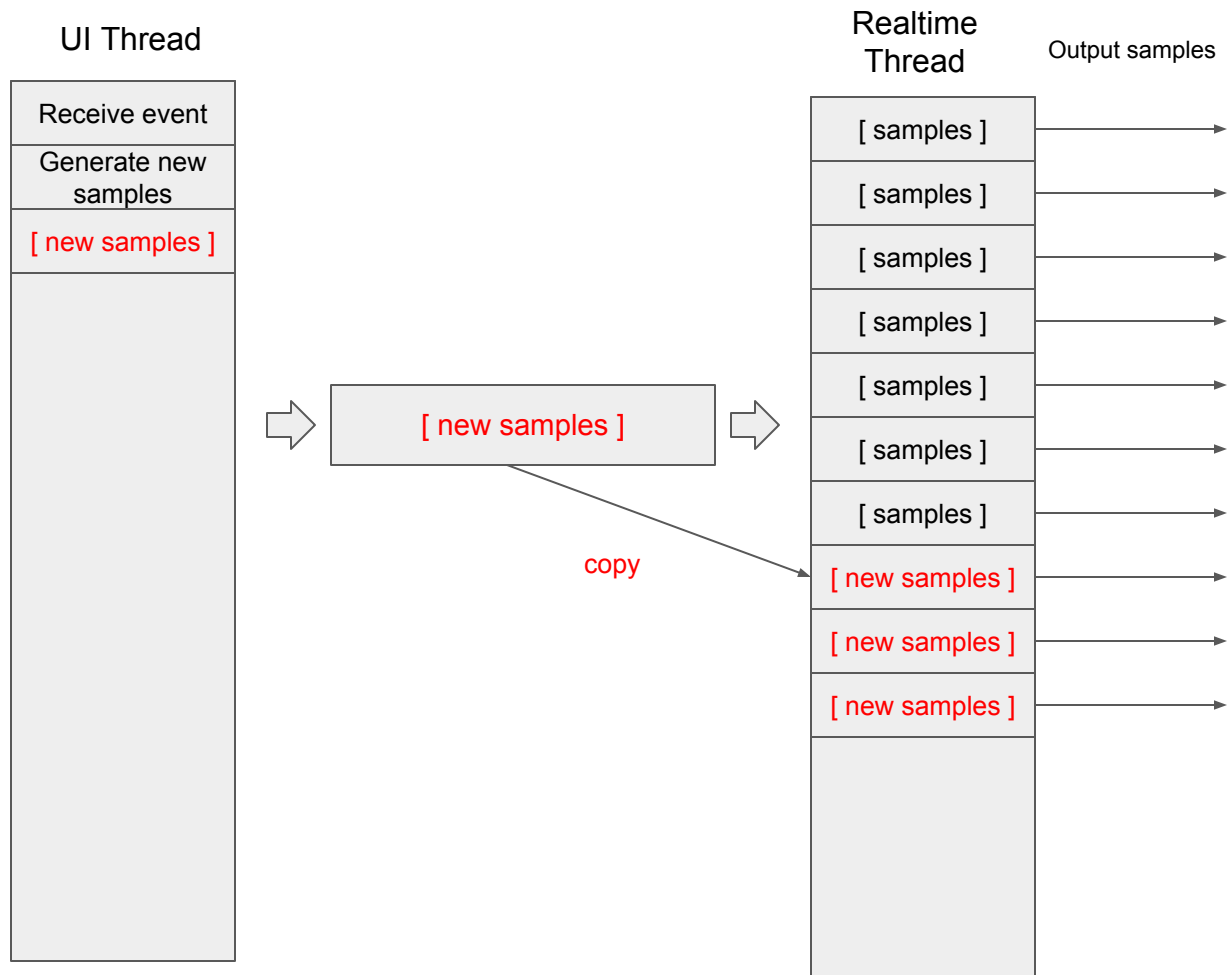


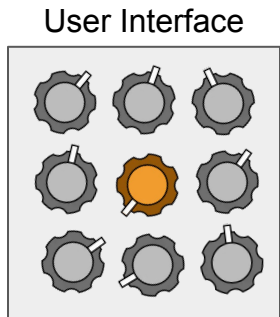
The UI thread copies the samples into the preallocated slot on the queue



The realtime thread notices that there queue has a new message and copies the samples into its local storage.

It will continue to send the new samples until it receives another message

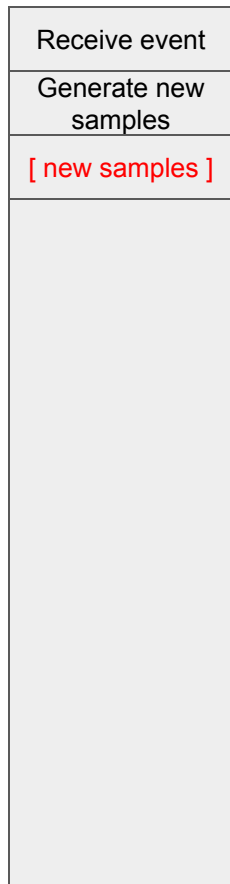




{ 'attack': 200 }



## UI Thread



## Realtime Thread

