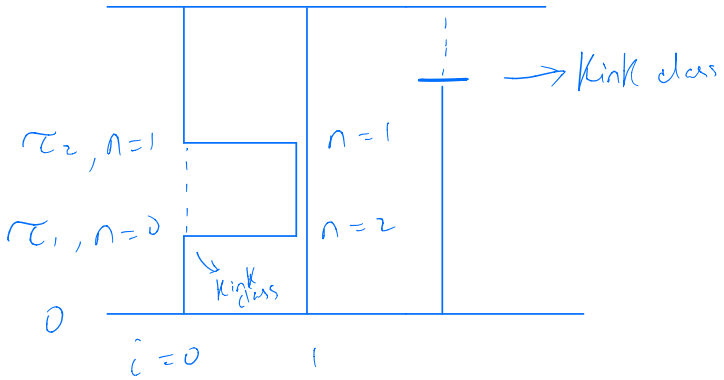



```
data_struct = np.array( DoublyLinkedList(),   ↗ for site=0   ↗ Worldline class
                        DoublyLinkedList() )
                                              ↳ for site=1   ↳ Worldline class
```

Node.τ_{aux}

Node.n

Node.src

Node.dest

Make kink a class

Worldline class:

Wl.firstKink

Wl.lastKink

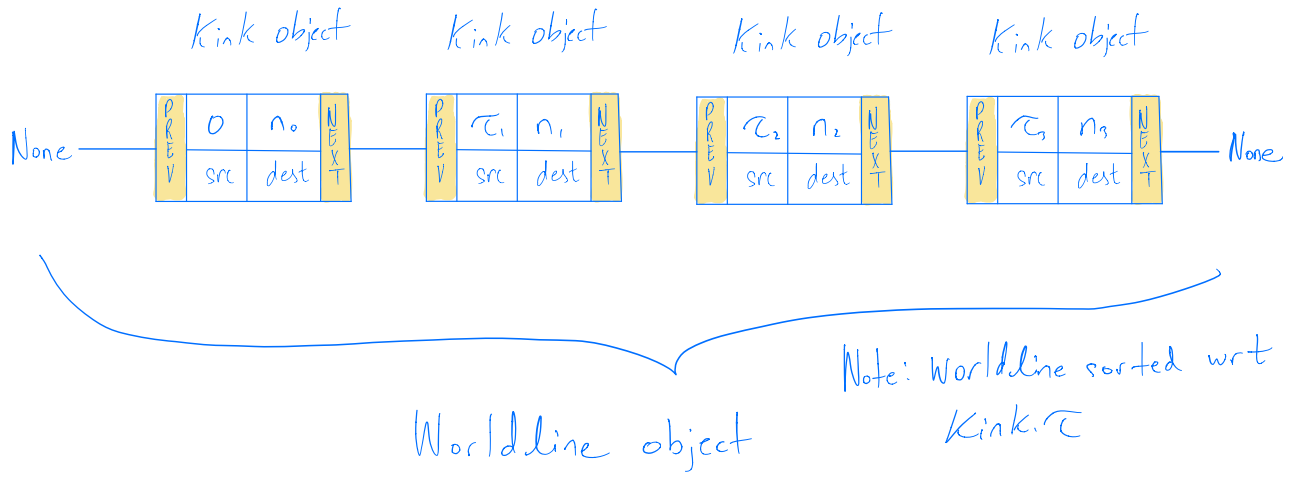
Wl.insertion

Wl.removal

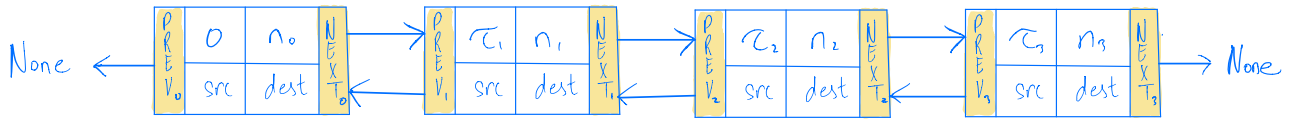
Wl.traversal

firstKink.prev

- Do random insertions & removals ToDo!
- Plot old version vs new data structure & compare time.



Want: Remove τ_2

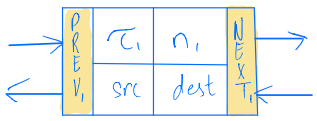


When curr_kink.τ == $\tau_1 < \tau_2$:

prev_kink = curr_kink

curr_kink = curr_kink.next

We get out of loop & have: prev_kink =



curr_kink =

Set prev_kink.next = curr.kink.next: