

eventlist^{11,40}

```
eventlist(pred?; e)
≡def if first(e) then cons(e; []) else append(eventlist(pred?; pred(e)); cons(e; [])) fi
```

clarification:

```
eventlist(pred?; e)
≡def if first(pred?;e)
      then cons(e; [])
      else append(eventlist(pred?; pred(pred?;e)); cons(e; []))
      fi
(recursive)
```