lib/main/ordered-list_unittest.ath

```
1  # Unit tests of ordered-lists.ath
2
3  load-file "ordered-list"
4
5  assert (theory-axioms SWO.theory)
6
7  define order-ops := no-renaming
8
9  #(set-debug-mode "rewriting")
10 (!prove-property SWO.<EL.left-transitive order-ops SWO.theory)
11
12 (!prove-property SWO.<EL.before-all-implies-before-first order-ops SWO.theory)
13 (!prove-property SWO.<EL.append order-ops SWO.theory)
14 (!prove-property SWO.<EL.append-2 order-ops SWO.theory)
15
16 (!prove-property SWO.ordered.head order-ops SWO.theory)
17 (!prove-property SWO.ordered.tail order-ops SWO.theory)
18
19 (!prove-property SWO.ordered.first-to-rest-relation order-ops SWO.theory)
20 (!prove-property SWO.ordered.cons order-ops SWO.theory)
21 (!prove-property SWO.ordered.append order-ops SWO.theory)
22 (!prove-property SWO.ordered.append-2 order-ops SWO.theory)
23
24 ()
```