

Last login: Mon Apr 10 15:35:53 on ttys005
carbon:SamplePrograms\$ cd Sec_10_3\:35pm/
carbon:Sec_10_3:35pm\$ utop

Welcome to utop version 1.14 (using OCaml version 4.01.0)!

Type #utop_help for help about using utop.

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-( 18:00:00 )-< command 0 >-----{ counter: 0 }-
utop # #use "wolf.ml";;
val is_not_elem : 'a list -> 'a -> bool = <fun>
val run : 'a -> unit = <fun>
val is_elem : 'a -> 'a list -> bool = <fun>
type loc = L | R
type state = loc * loc * loc * loc
val ok_state : state -> bool = <fun>
val final : loc * loc * loc * loc -> bool = <fun>
val other_side : loc -> loc = <fun>
val moves : state -> state list = <fun>
-( 16:10:35 )-< command 1 >-----{ counter: 0 }-
utop # moves (L,L,L,L) ;;
- : state list = [(R, L, R, L)]
-( 16:10:39 )-< command 2 >-----{ counter: 0 }-
utop # List.map ok_state (moves (L,L,L,L)) ;;
- : bool list = [true]
-( 16:10:47 )-< command 3 >-----{ counter: 0 }-
utop # List.map final (moves (L,L,L,L)) ;;
- : bool list = [false]
-( 16:11:30 )-< command 4 >-----{ counter: 0 }-
utop # #use "wolf.ml";;
val is_not_elem : 'a list -> 'a -> bool = <fun>
val run : 'a -> unit = <fun>
val is_elem : 'a -> 'a list -> bool = <fun>
type loc = L | R
type state = loc * loc * loc * loc
val ok_state : state -> bool = <fun>
val final : loc * loc * loc * loc -> bool = <fun>
val other_side : loc -> loc = <fun>
val moves : state -> state list = <fun>
val crossing_v1 : unit -> state list option = <fun>
-( 16:11:42 )-< command 5 >-----{ counter: 0 }-
utop # crossing_v1 () ;;
- : state list option =
Some
  [(L, L, L, L); (R, L, R, L); (L, L, R, L); (R, R, R, L); (L, R, L, L);
   (R, R, L, R); (L, R, L, R); (R, R, R, R)]
-( 16:18:12 )-< command 6 >-----{ counter: 0 }-
utop # #use "wolf.ml";;
val is_not_elem : 'a list -> 'a -> bool = <fun>
val run : 'a -> unit = <fun>
val is_elem : 'a -> 'a list -> bool = <fun>
type loc = L | R
type state = loc * loc * loc * loc
val ok_state : state -> bool = <fun>
val final : loc * loc * loc * loc -> bool = <fun>
val other_side : loc -> loc = <fun>
val moves : state -> state list = <fun>
val crossing_v1 : unit -> state list option = <fun>
exception FoundPath of (loc * loc * loc * loc) list
val crossing_v2 : unit -> (loc * loc * loc * loc) list option = <fun>
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-( 16:18:42 )-< command 7 >-----{ counter: 0 }-
utop # crossing_v2 () ;;
- : (loc * loc * loc * loc) list option =
Some
  [(L, L, L, L); (R, L, R, L); (L, L, R, L); (R, R, R, L); (L, R, L, L);
   (R, R, L, R); (L, R, L, R); (R, R, R, R)]
-( 16:20:46 )-< command 8 >-----{ counter: 0 }-
utop # #use "wolf.ml";;
val explode : string -> char list = <fun>
val is_not_elem : 'a list -> 'a -> bool = <fun>
val run : 'a -> unit = <fun>
val is_elem : 'a -> 'a list -> bool = <fun>
type loc = L | R
type state = loc * loc * loc * loc
val ok_state : state -> bool = <fun>
val final : loc * loc * loc * loc -> bool = <fun>
val other_side : loc -> loc = <fun>
val moves : state -> state list = <fun>
val crossing_v1 : unit -> state list option = <fun>
exception FoundPath of (loc * loc * loc * loc) list
val crossing_v2 : unit -> (loc * loc * loc * loc) list option = <fun>
exception KeepLooking
val process_solution_exn : ('a -> string) -> 'a -> 'a option = <fun>
val show_list : ('a -> string) -> 'a list -> string = <fun>
val show_loc : loc -> string = <fun>
val show_state : loc * loc * loc * loc -> string = <fun>
val show_path : (loc * loc * loc * loc) list -> string = <fun>
val crossing_v3 : unit -> state list option = <fun>
-( 16:20:52 )-< command 9 >-----{ counter: 0 }-
utop # crossing_v3 () ;;
Here is a solution:
[ (L, L, L, L); (R, L, R, L); (L, L, R, L); (R, R, R, L); (L, R, L, L); (R, R, L, R); (L,
R, L, R); (R, R, R, R) ]
Do you like it?
n
Here is a solution:
[ (L, L, L, L); (R, L, R, L); (L, L, R, L); (R, L, R, R); (L, L, L, R); (R, R, L, R); (L,
R, L, R); (R, R, R, R) ]
Do you like it?
n
- : state list option = None
-( 16:23:18 )-< command 10 >-----{ counter: 0 }-
utop #

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Arg	Arith_status	Array	ArrayLabels	Assert_failure	Big_int	Bigarray	Buffer	Callback	Camli
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