

Interrogation Caml 1

29 janvier 2011

Premiers pas

```
# let a = 113 in a * a * a;;
- : int = 1442897

# let var = ref 1.717;;
var : float ref = ref 1.717

# var := !var *. !var;;
- : unit = ()

# var;;
- : float ref = ref 2.948089

# let f x y = 2 * x - 3 * y;;
f : int -> int -> int = <fun>

# f 1 1;;
- : int = -1

# let rec dernier = function
    | [] -> failwith "liste vide"
    | [a] -> a
    | a :: q -> dernier q;;
dernier : 'a list -> 'a = <fun>

# dernier [3; 4];;
- : int = 4

# dernier [];;
Uncaught exception: Failure "liste vide"

# make_vect;;
- : int -> 'a -> 'a vect = <fun>

# let retourne_tableau t =
    let k = vect_length t in
    let t' = make_vect k t.(0) in
    for i = 0 to k - 1 do t'.(i) <- t.(k - 1 - i) done;
    t';;
retourne_tableau : 'a vect -> 'a vect = <fun>

# retourne_tableau [|1; 2; 3; 4; 5|];;
- : int vect = [|5; 4; 3; 2; 1|]
```
