

# Using Simple Macro

```
(define a 1)  
(define b 2)  
(swap a b)  
(println a)  
(println b)
```



# Using Simple Macro

macro as find-and-replace

x ← a

y ← b

```
(macro (swap x y)
  (let ([tmp x])
    (set! x y)
    (set! y tmp)))
```

```
(define a 1)
```

```
(define b 2)
```

```
...
```

```
(println a)
```

```
(println b)
```

→  
→  
→ 2

→  
→  
→ 1

```
(let ([tmp a])
  (set! a b)
  (set! b tmp)))
```

