

Conceptos 28/4/8

137

[num V

[expr V (expr CFAE/L?)

(env Env?)

(cache boxed-boolean/CFAE/L-VALUE?)

```
(define (boxed-boolean (CFAE? /L-value? V)
  (and (box? V)
    (or (boolean? (unbox V))
      (num V? (unbox V))
      (closure V? (unbox V))
    )
  )
)
```

```
(define (strict e)
  (type-case (CFAE/L-value? e)
    [expr V? (expr env cache)
      (if (boolean? (unbox cache))
        (local [(define v (strict
          interp expr env))]
          (begin
```

```
(begin
  expr v) (printf "Forçando expr1 ~ a com ~a~n"
           (set-loc! cache v)
           v)
)
(begin
  cache)) (printf "Usando o valor ~a" (unloc
  cache))
)
]
[ else e ]
)
```