

# Source Syntax

Version 8.17

May 14, 2025

```
(require syntax/source-syntax)      package: source-syntax

(recover-source-syntax orig
  expanded
  [#:traverse-now? now?])
→ (-> syntax? (or/c syntax? #f))
   orig : syntax?
   expanded : syntax?
   now? : boolean? = #f
```

Returns a procedure that accepts a syntax object from *expanded* and returns the outermost syntax object in *orig* that has the same location as the given syntax object. If no syntax object in *orig* has the same location as the given syntax object, the procedure repeats with the parent of the given syntax object.

Example:

```
> (let* ([orig #'(λ (x [y 0]) (+ x y))]
  [expanded (expand orig)]
  [recovered ((recover-source-syntax orig expanded) expanded)])
  (syntax? recovered))
#t
```