

```
(define-struct foo (l nxts))  
;; Foo is (make-foo String ListOfBar)  
;; ListOfBar is one of:  
;; - empty  
;; - (cons Bar ListOfBar)  
  
(define-struct bar (f nxt))  
;; Bar is (make-bar Frotz Foo)  
  
(define-struct link (c f))  
;; Frotz is one of  
;; - false  
;; - (make-link Color Frotz)
```

Handwritten annotations: A points to 'ListOfBar', B points to 'bar', C points to 'ListOfBar' in the second definition, D points to 'link', E is a large circle around the first two definitions, and F is a circle around the 'Frotz' definition.

```
(define (fn-for-foo f)  
  (... (foo-l f)  
        (... (fn-for-lob (foo-nxts f)))))  
  
(define (fn-for-lob lob)  
  (cond [(empty? lob) (...)]  
        [else  
         (... (fn-for-bar (first lob))  
              (fn-for-lob (rest lob)))]))  
  
(define (fn-for-bar b)  
  (... (fn-for-frotz (bar-f b))  
        (fn-for-foo (bar-nxt b))))  
  
(define (fn-for-frotz f)  
  (cond [(false? f) (...)]  
        [else  
         (... (link-c f)  
              (fn-for-frotz (link-f f)))]))
```

Handwritten annotations: 1 points to 'fn-for-lob', 2 points to 'fn-for-lob' in the second definition, 3 is a circle around the 'fn-for-lob' definition, 4 points to 'fn-for-bar', 5 is a large circle around the 'fn-for-lob' and 'fn-for-bar' definitions, and 6 is a circle around the 'fn-for-frotz' definition.