```
1    #lang typed/racket
2    (module untyped racket
3      (define A% (class object% (super-new)
4                 (define/public (foo) "hello")
5                 (define/public (bar) (send this foo))))
6      (define (gen) (make-object A%))
7      (provide gen))
8
9    (define-type A (Class [foo (-> Integer)] [bar (-> Integer)]))
10   (require/typed 'untyped [gen (-> (Instance A))])
11   (send (gen) bar)
12
```