

Unified for Loops

Version 7.2

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```
(require unified-for)      package: unified-for
```

This package unifies the various flavors of for iteration constructs—`for`, `for/list`, `for/vector`—into a single `for` macro.

```
(for maybe-accumulator (for-clause ...) body ...)  
  
maybe-accumulator =  
    | accumulator-expr  
    | (accumulator-expr arg-expr ...)  
  
for-clause = [pattern ... iterator-expr]  
  
accumulator-expr : Accumulator?  
iterator-expr : Iterator?
```

```
(struct Accumulator (empty insert collect))  
empty : collection?  
insert : (-> collection? element? collection?)  
collect : (-> collection? collection?)
```

```
(struct Iterator (take drop not-empty? collection))  
take : (-> collection? element?)  
drop : (-> collection? collection?)  
not-empty? : (-> collection? boolean?)  
collection : collection?
```

```
collection? : any/c  
element? : any/c
```