

Thread First

```
(-> "Mark Bastian"  
  cs/lower-case  
  cs/trim  
  (cs/replace #"\\s+" "_")  
  (str "!")  
  keyword)
```

Thread First (->)

- Each element in the form is successively placed in the first position (just after the function) of the following form.
- Parens are optional for one-argument functions.
- Object-manipulating functions conventionally place the object in the first position and arguments in the later position so are suitable for ->.
- Examples:

```
(-> "Mark Bastian"  
  cs/lower-case  
  cs/trim  
  (cs/replace #"\s+" "-")  
  (str "!")  
  keyword)
```

```
(-> { :name "Bob" :age 20 }  
  (assoc :favorite-food :pizza)  
  (update :age inc))
```