Common Errors Involving Lists and Their Functions

Avoid, avoid, avoid!

"Crash!"

Giving `append` a non-list as an argument:

Why isn't anything coming out?

shake shake

append

L1

`cons`-ing a list to a non-list (i.e. second argument isn't a list):

?!

(non-list <u>first</u> arg is ok)

cons

L1

wobble wobble

L1

WHUNK!

L1
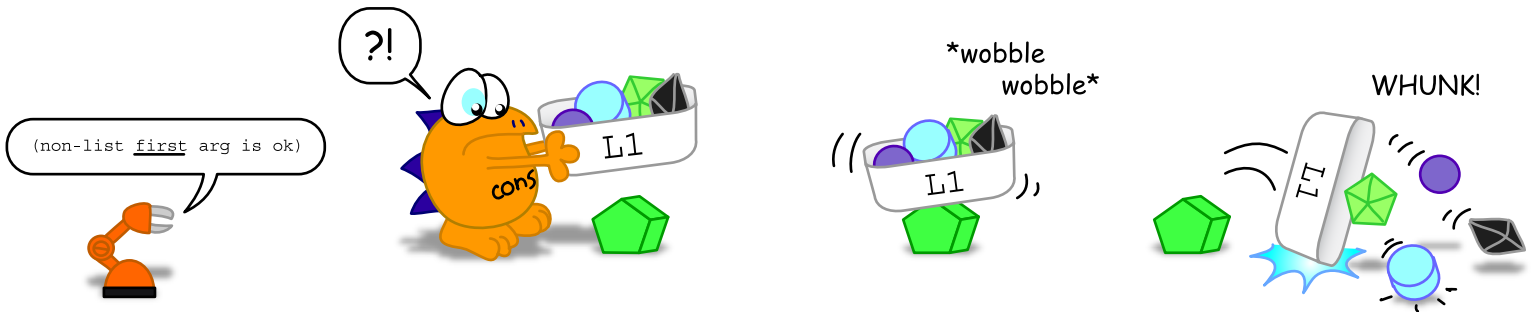
Using list selectors on non-lists:

?

car

?

cdr
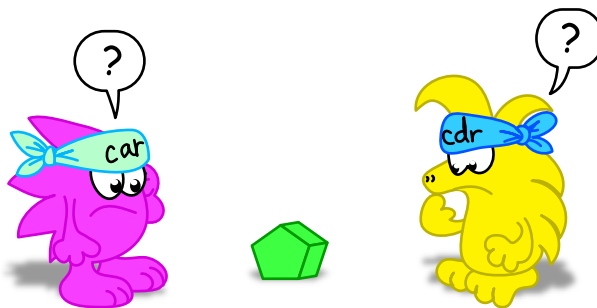
Using word and sentence selectors on lists (i.e. data abstraction faux pas):

```
> (works? this)
#t
> '(but it is not
good programming
style)
```

```
> "so..."
> (do? this)
#f!
```

first

L1

butfirst

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