# Example: Reading Email Headers

# Email Messages

- We will read an email message from a file.
    - … and decode it.
- General format of a message:

```
message headers


message body
```
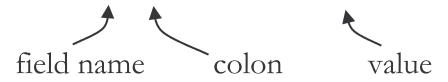
blank line

# Headers

- A message header looks like this:

  ```
  From: somebody@sfu.ca
  ```

  field name     colon     value

- A long value can be split across multiple lines:

  ```
  To: person1@sfu.ca, person2@sfu.ca,
      person3@sfu.ca
  ```

  some whitespace starts subsequent line(s)

# The Problem

- Our job: capture & separate the header fields and values. Separate that from the message body.

- The message will be in a file.

  - … but we should be able to easily adapt to any `Reader` instance.