Opening Discussion

- Minute essay comments:
  - Networking options. Not all projects have to include it.
- Everything moved back.
- Solutions to the IcP.
Networked Code

- I want to write some networked code.
- Telnet based chat.
- Sending drawings over the network.
To date, when things go wrong our programs just crash.

You can use try/catch to try code that might fail and catch exceptions.

```java
try {
    ...
} catch {
    case ...
} 

Finally block will always happen.
You can also throw your own exceptions with "throw" keyword.

You can make your own exceptions if they extend java.lang.Throwable.

- Better to use existing exceptions if possible.
- Make your exceptions informative.
RMI

- Makes life easier for large programs.
- Get hold of remote objects and just call methods on them.

Steps:

- Make trait that extends java.rmi.Remote. No data or method implementations allowed.
- Make class that inherits from java.rmi.server.UnicastRemoteObject with the trait.
- Run rmiregistry somewhere so it can see Scala libraries.
- Using java.rmi.Naming to bind and lookup.
With any time that remains we can write an example of code with RMI.

It has a higher “start-up” cost for the programmer, but scales very easily after that.

JVM only.

Automatically introduces multithreading.
We leave networking now. What questions do you have about it?

Everything on the schedule moved back one class.

Chapter 18 now has instructions for CVS.