Announcements

• Project #5 has been posted
Complex Example, continued...

Take a look at the three getters in the CDCollectionOwner class.
Let’s draw memory diagrams.
Do any generate memory leaks?
Which one is best?

Now let’s do the same analysis for the RewriteableCDCollectionOwner class.
Using a Debugger

What’s a debugger?

Let’s practice JUnit and learn about the Eclipse debugger by testing and debugging a mutable class called FancyWord. Here is the API:

```java
public FancyWord(String word);
public String toString();
public void reverse();
public void shiftLeft();
public void shiftRight();
public void translateToGamerSpeak();
```