

# **INF 141: Information Retrieval**

Discussion Session

Week 1 – Winter 2008

TA: Yasser Ganjisaffar

# Contact Information

Yasser Ganjisaffar

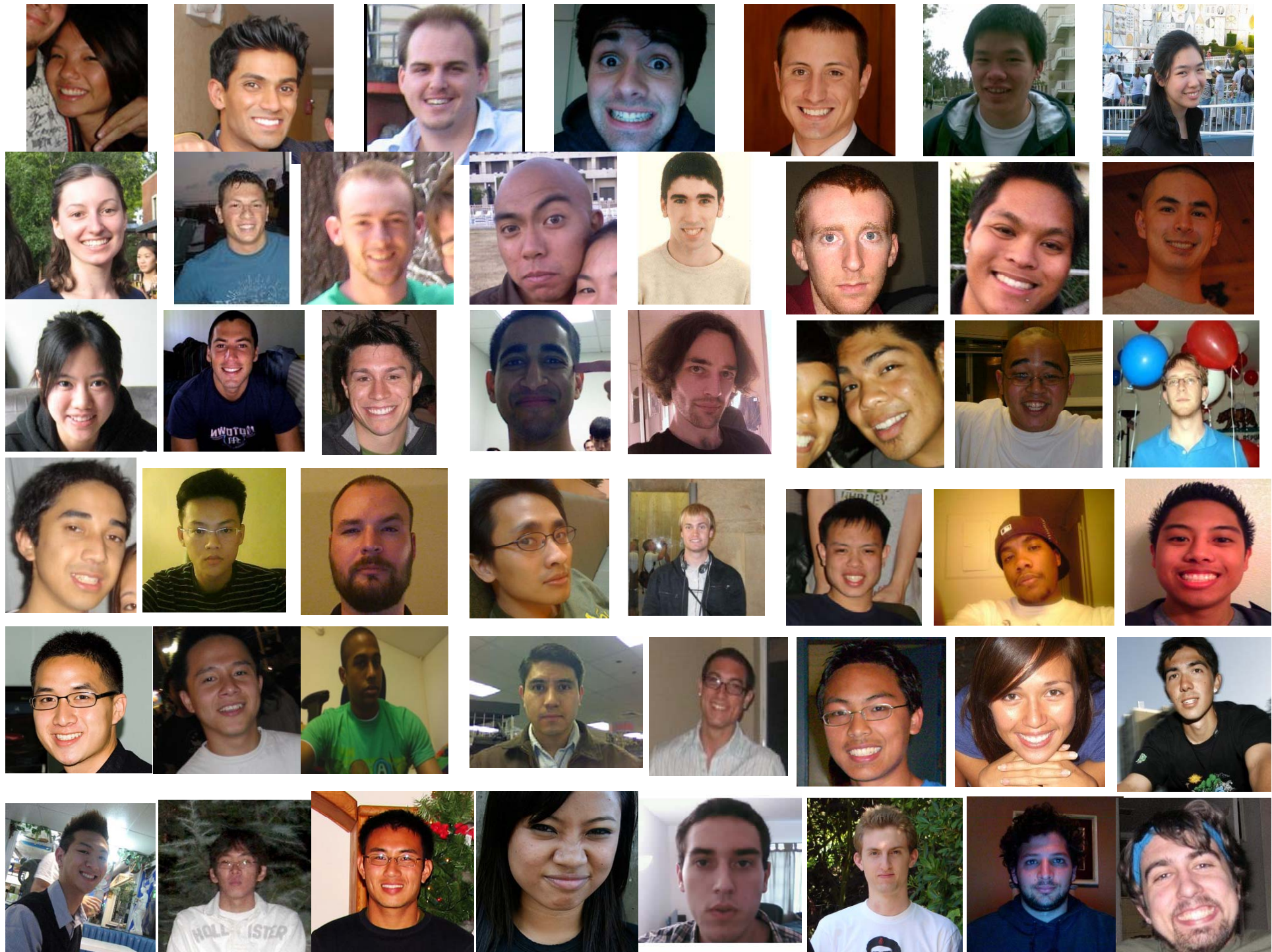
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# Policies

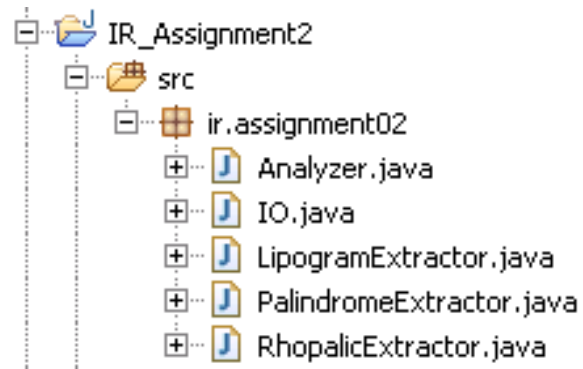
- Discussion
  - Attendance is not mandatory but highly recommended (we will discuss good practices in doing projects).
  - Attendance will be recorded.
- Questions
  - GetSatisfaction.com, Email (if it is something personal).
- Assignments
  - No late assignments.
  - Bring questions about the assignment to the discussion session.
  - Questions sent in the last 12 hours before an assignment's deadline will not receive answers from the teaching staff.

# Policies

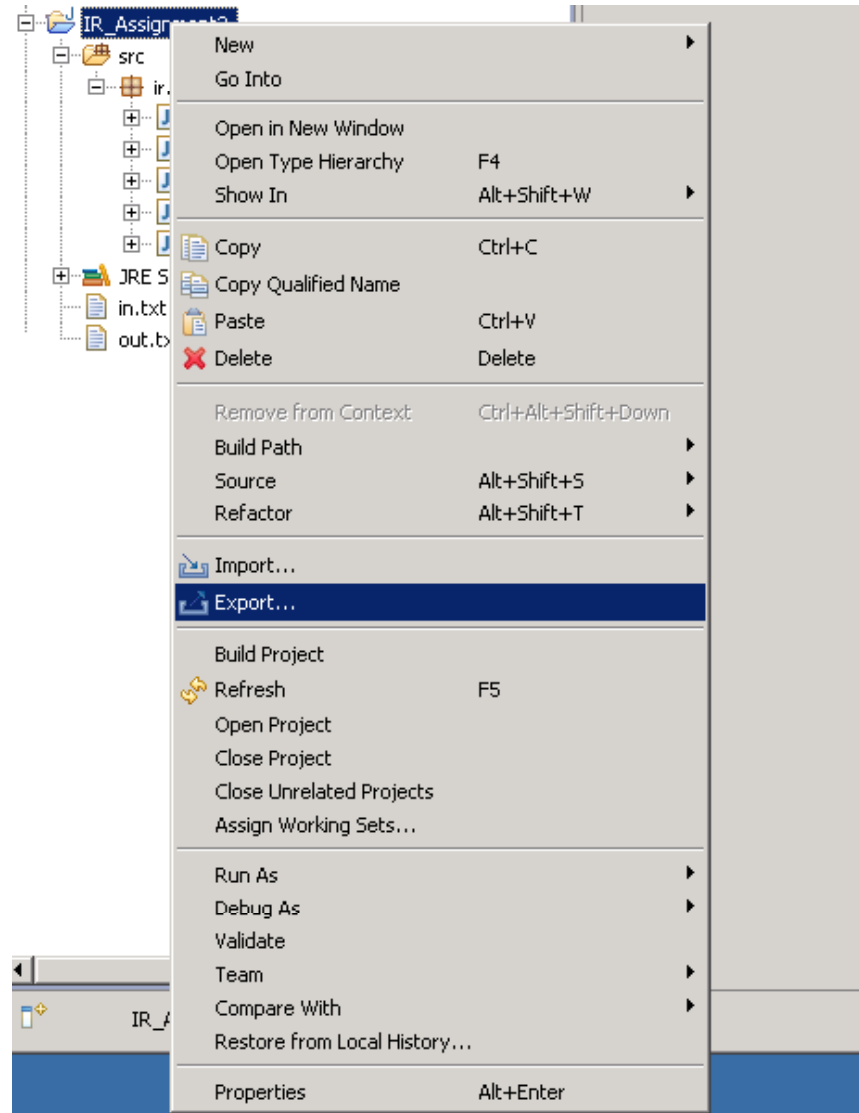
- Grading
  - If you have questions, please talk to the TA first, then with the instructor.
- Re-grade
  - Double check before you bring it.
  - Within 1 week, accompanied by a clear explanation of what needs to be reconsidered and why.



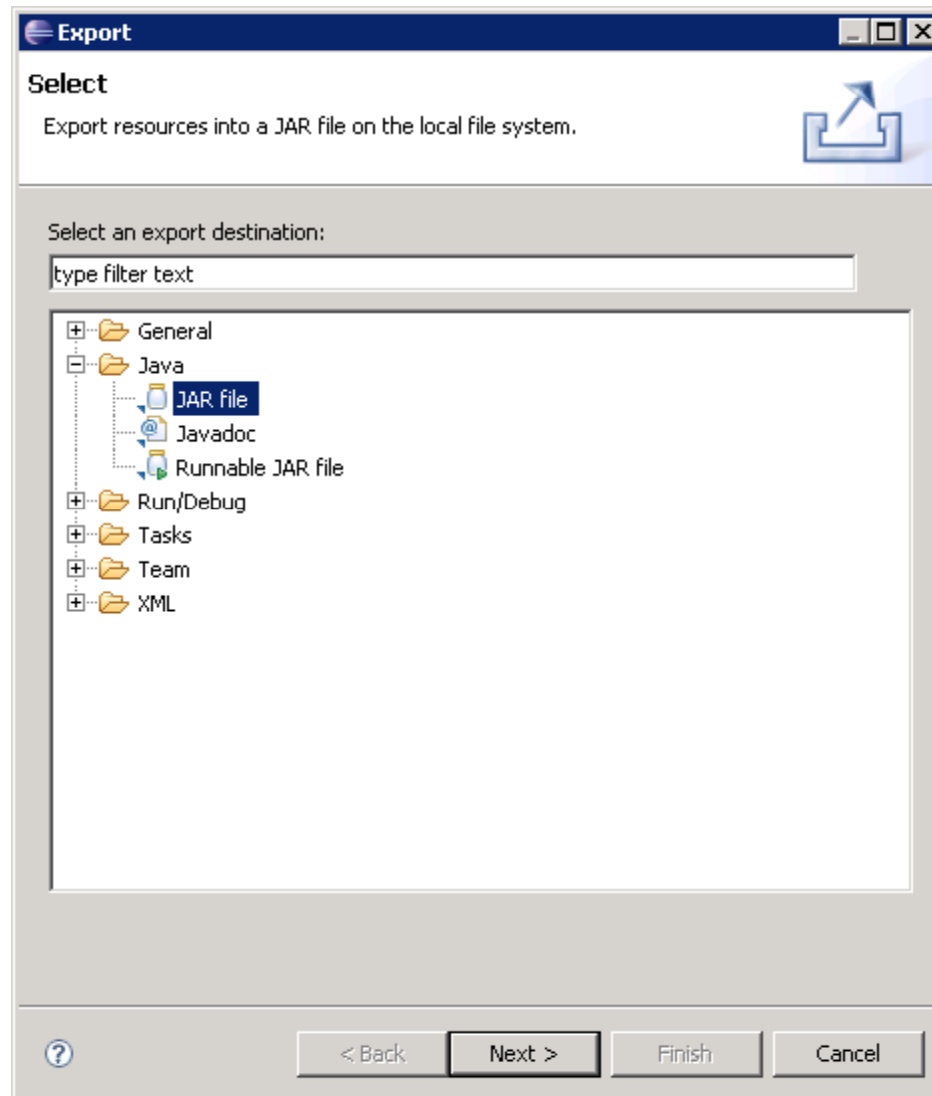
# Assignment 02



# How to Build a .jar File? (1/6)

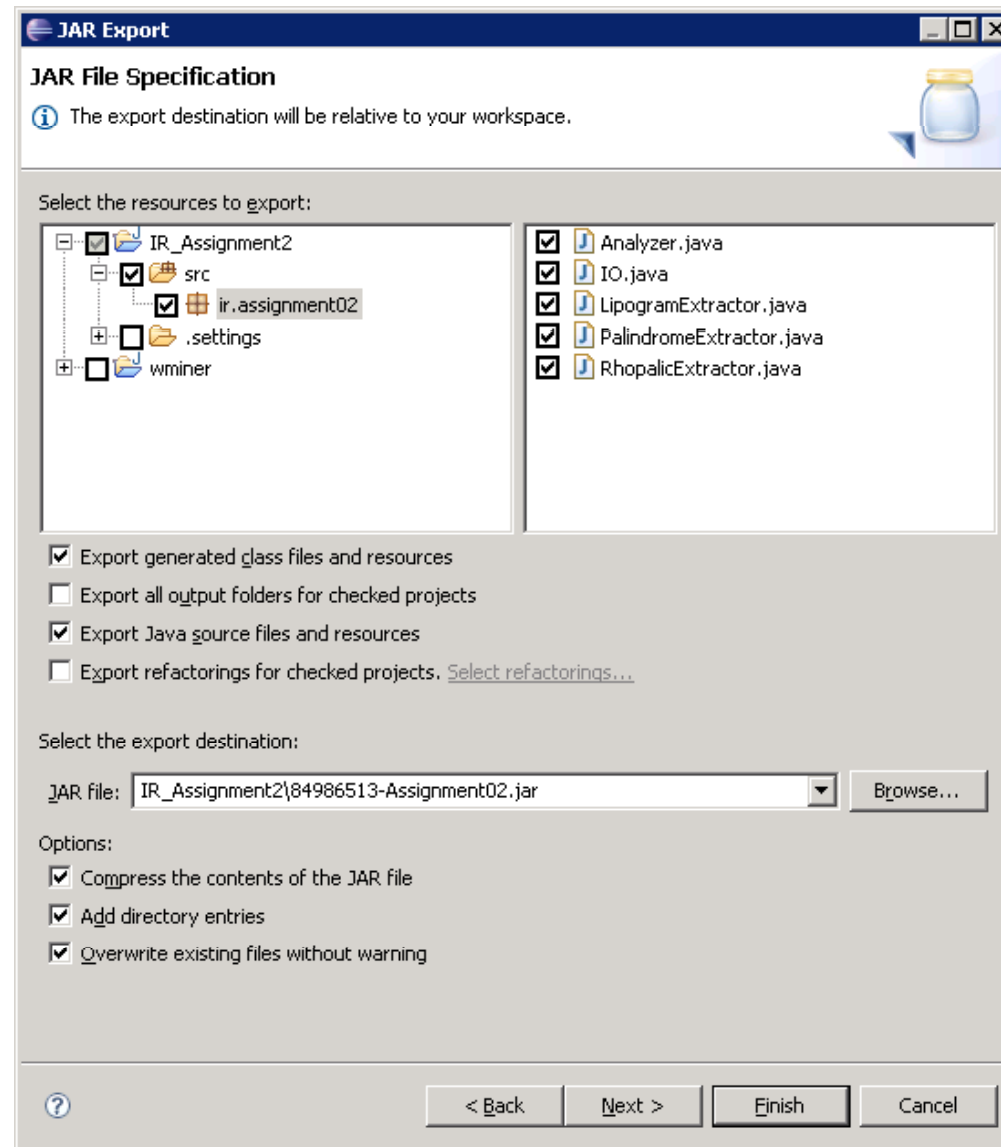


# How to Build a .jar File? (2/6)

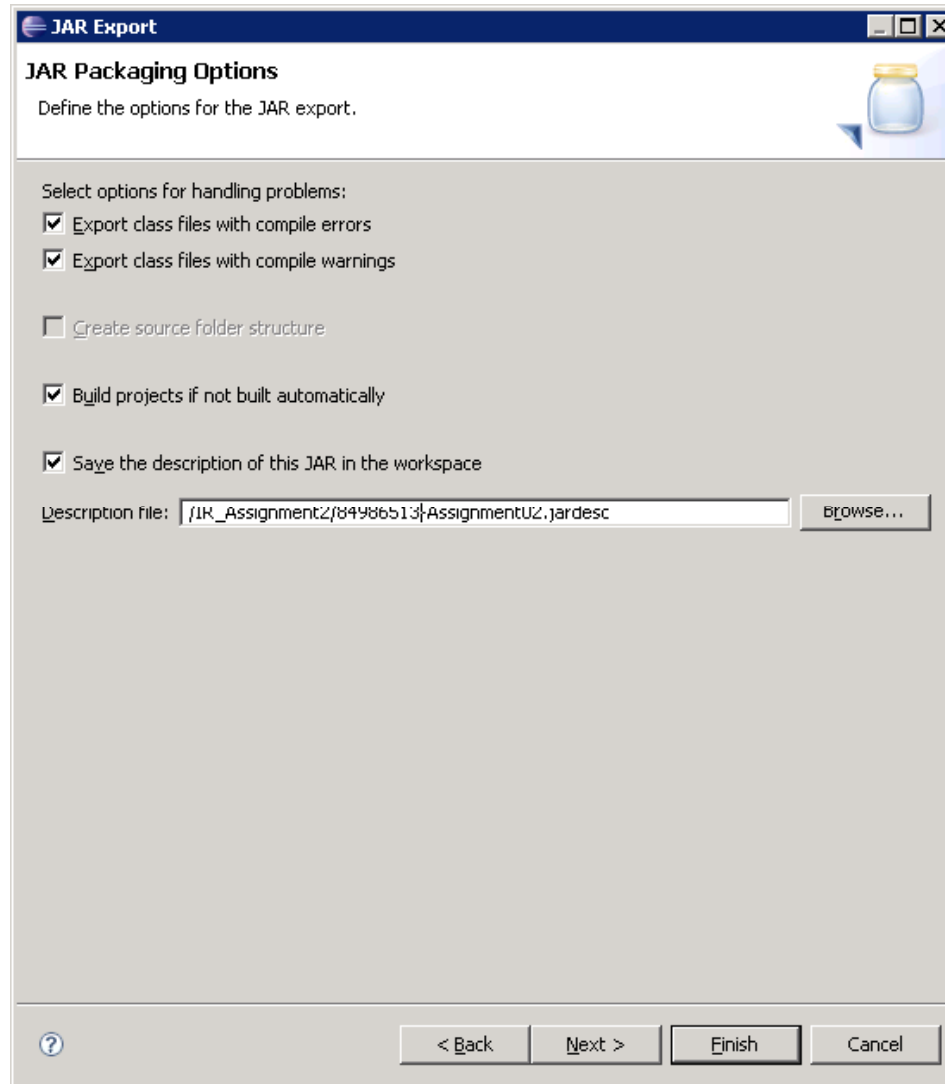




# How to Build a .jar File? (3/6)



# How to Build a .jar File? (4/6)



# How to Build a .jar File? (5/6)

**JAR Export**

**JAR Manifest Specification**  
Customize the manifest file for the JAR file.

Specify the manifest:

**Generate the manifest file**

Save the manifest in the workspace

Use the saved manifest in the generated JAR description file

Manifest file:

**Use existing manifest from workspace**

Manifest file:

Seal contents:

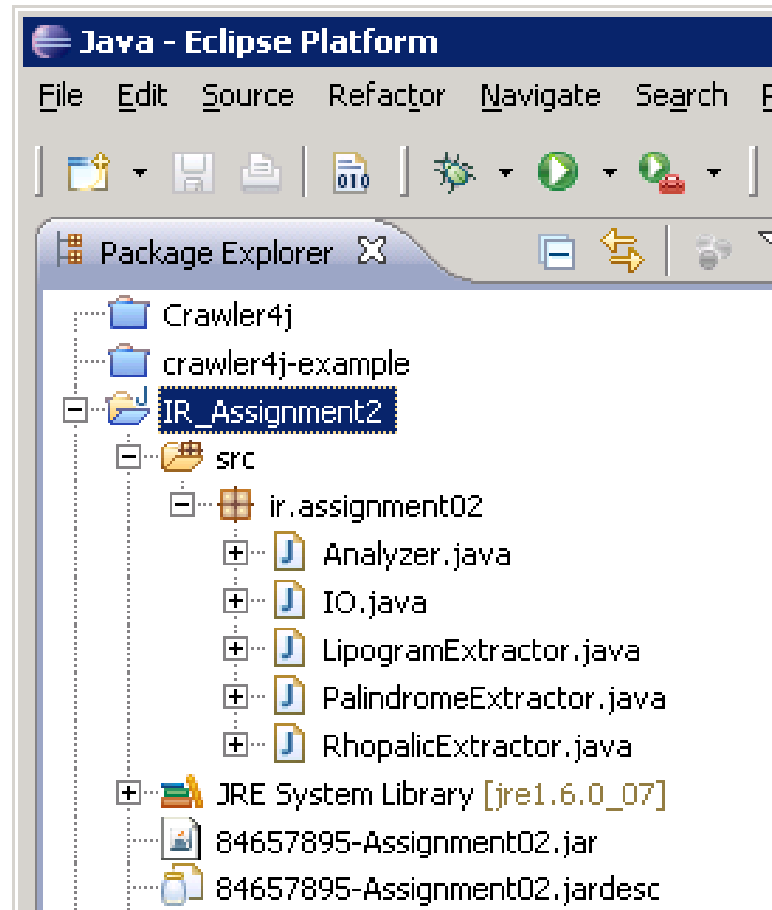
Seal the JAR

Seal some packages Nothing sealed

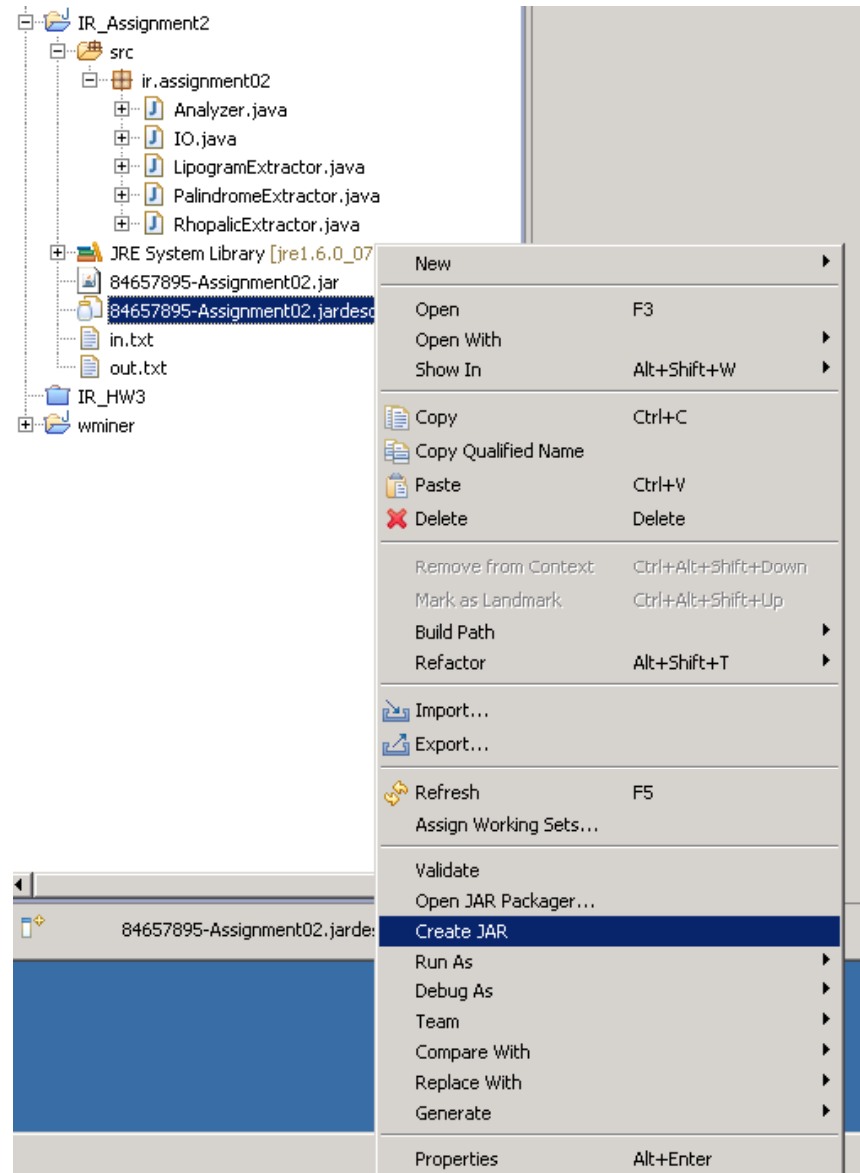
Select the class of the application entry point:

Main class:

# How to Build a .jar File? (6/6)



# Want to recreate it?



# Palindromes

Sewer of denim axes a wide tail a terror recipe  
to hero made manic. I, to resign?

I ? Never! OFT I FELT ITS SENSUOUSNESS title  
fit for evening is erotic; I named a more hot  
epic error retaliated I was examined for ewes

# Extracting Palindromes

- First split the text whenever you see a non-ASCII (>127) character.
- Second strip all punctuation, spaces, symbols and numbers from the text so that only [A-Za-z] remain.
- Convert all characters to upper or lower case.
- Once you identify a palindrome on a page make sure that:
  - At Least 70% of the original text that it came from was in [A-Za-z].
- Report the longest palindrome that you found in text:
  - We will count all of the characters in measuring the length of the string.

# Extracting Palindromes

- How many passes on the text are required?
- There are more optimized solutions!



# Lipograms

- Sample Lipogram for letter "E"/"e"  
r sits rifling a bar of mustard. Lock cans, stack cans  
in rocks, all in rocks, all I snub. Do oft

# Rhopalics

- Sample:

I do not know where family doctors acquired illegibly perplexing handwriting; nevertheless, extraordinary pharmaceutical intellectuality, counterbalancing indecipherability, transcendentalises intercommunications incomprehensibleness

- It can start with different length words.
- Words are separated by at least 1 and no more than 3 spaces, white space, or punctuation.
  - Should we check this?

# Reading: “Stuff I’ve Seen”

- How to search and manage personal collections of electronic information.