

Project #4 Inverted File Indexing

Due April 14, 2014 5:00pm

Description

Your team now had all the code and library to build the representation for an image. In this project, your team is requested to build the program for inverted file indexing.

- Please carefully study the course slides on the two examples of inverted file indexing.
- Your team is asked to clearly define the data structure for inverted file indexing and implement them using the programming language chosen by your team.
- You may use the LabelMe dataset as your testing dataset. Downloadable at (<http://new-labelme.csail.mit.edu/Release3.0/browserTools/php/dataset.php>)
- Now, your team needs to start thinking about the interface between the first 4 projects and how you can build an end-to-end image search engine.

What to turn in?

You should make a team report in a PDF file and name it as:

[lastname1]_ [lastname2]_ [lastname3]_ [lastname4]_ [lastname5]_ PROJ4.pdf

For your program, you may use any programming language. However, your submission should include the executable, the source code, and a detailed README file on how to run it. You should have a detailed report in the written part of your project on what you have tested and what are the results you obtained. Be sure to include your own analysis. Please make sure you packed additional dependent libraries, if any, used in your program. If your program cannot run, you lose 0.5 point automatically.

Package your PDF file with the code and supplementary README file in a single ZIP file as:

[lastname1]_ [lastname2]_ [lastname3]_ [lastname4]_ [lastname5]_ PROJ4.zip

and please submit it through the Moodle system.

Grade: 10% with bonus

Late submission policy applies universally with no exception.

If you have a compelling excuse, you must inform me at least 2 days before the due date. I don't accept excuses such as **"I am overloaded by other courses"**.