



Title	Clustering GeoTagged Photos
Description	<p>GeoTagged photos are photos that contain location annotation. The longitude and latitude in which the photo is taken is stored within the photo meta data. Ipad, most smart phones, and many new cameras have the capability of shooting Geotagged photos. The simply attach the GPS coordinates to the photo, once the photo is taken.</p> <p>The idea of this project is to develop a program that will cluster the photos by location. That is, it will divide the photos into groups, each of which was taken in the same place. The program should then make a sub folder for every group. This program is useful for organizing photos.</p> <p>The goal of this project is to develop a program for clustering GeoTagged photos by location. The program should provide the following functionality:</p> <ul style="list-style-type: none"> - allow the user to select multiple folders, and scan them and their sub folders. - extract the location information from the photos' meta data, and show them on a map (you can use google maps). - cluster the photos, and create a special sub folder for every group. - the program should be able to deal with the major image types: <p>You are free to choose the programming language.</p>
Group size	4 – 5 members.
Deliverables	<p>1- A program doing the specified task.</p> <p>2- A short (1 page) user manual.</p>
Bonus extensions	- Automatically generate a movie / presentation of all photos sorted by time, and switching between the photos and the map / trajectory views.
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Notes	