

Image Retrieval Based on Color Content

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Abstract

Content-based image retrieval (CBIR) is the uses of visual features of the image, such as color, texture, shape, match the query image and database, return similar image to the user. Color is the most significant feature of the visual image, is also the main perceptual features of people to identify the image, and has received extensive attention and research of in image retrieval. This paper describes Image Retrieval based on image content feature especially in color. The image content of RGB color values are stored in database and compute with Euclidean distance by comparing the color values of the query image to that of each image values in the database. This system shows the resulted images according to the predefined threshold values in sorted order. This system is implemented by using C#.NET and it is test by using 200 images from standard image database.