



Análisis comparativo de algoritmos de compresión de imágenes [

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text (article)

Analítica

The present investigation analyzes different techniques of image compression algorithms that are applied to them for their later storage, use, manipulation, visualization and transmission in an effective way, it is required that the images be present at first sight, in addition to the fact that they have been acquired. servers for which storage in the cloud is ruled out, instead when using the image compression algorithm these are saved directly on the server with a lower weight and preserving their quality, for which image compression algorithms were analyzed. With the use of field and documentary research techniques, they were analyzed in the first instance, a sample of 170 images was taken, which were separated by intervals determined by their weight in Mb, the images were compressed with compression algorithms with loss and without lost, when comparing them with image quality parameters such as: resolution, luminosity, color channel, web compatibility, supported extension, compressed image extension, loading time (seconds) and weight in (megabits), parameters considered important for ensure image integrity. Each parameter is evaluated in detail to reduce the loss of information, it was possible to verify that by using an image compression algorithm it allows the improvement of management of a web platform, in the optimization of storage disk space in 2.08 TB of a total of 500,000 images that constitutes 36%, and the display loading time of 0.2528 seconds

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Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es