Abstract

Representative image compression image goes to a more code form efficient or fairish smaller of size in origin, without remove essential meaning of image content in origin. In image compression tech, reduce image becomes main problem. Image compression is attributed to reduce laid up image which redundan or merepresentasikan is back that image bulk into more form efficient deep capacity facet. There is tech even image compression is differentiated as two base teches which is lossy compression and lossless compression.

AIC'S method constituting compression method draws that combine is algorithm second, which is H.264 and JPEG'S default. Aught compression result is expected better from JPEG and JPEG 2000. Clear that resulting method by a long shot complex instead of JPEG. Source code is aught shall maximal for clarity and readability. For version speed problem standart whatever available has was faster be appealed JPEG Codec in a general way, and faster than JPEG 2000 software references. Image purpose on webbed very absolute, even can be assessed as parameter of main. Therefore needed by development to existing method, one that points at a speed image access and that image quality is alone. Both of that thing has balance. AIC'S method is expected can meet the need current aught image compression.

Base result morphologicaling to compression system performance testing that is made gets to be gleaned from that transformasi DCT on JPEG and AIC just can utilize *Lossy Compression.* In common, AIC'S performance on better image compression system compared with by JPEG.

Keyword : AIC, H.264, JPEG, JPEG-2000