Abstract

Digital Imaging and Communications in Medicine (DICOM) standard is an image archive system which allows itself to serve as an image manager that control the acquisition, retrieval, and distributions of medical images within entire picture archiving and communication systems (PACS). The DICOM technology is suitable when sending images between different departments within hospitals or/and other hospitals, and consultants. However, some hospitals lack the DICOM system. In this paper proposed algorithm view and converts .dcm image files into bmp, png, jpeg standard image, whereby the image should be viewable, with common image viewing programs and its size should be small.

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Index Terms

Computer Science Digital Imaging

Keywords

PACS Imaging standard NEMA Dataset Metadata