

Software Application for Working with DICOM Medical Images in Java Programming Language

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Abstract

In this paper is presented a software application made in Java, which provides access to medical images in DICOM standard for viewing, displaying the useful information incorporated in the files, saving technical data, storing in a medical database and searching facilities according to diverse criteria. All these facilities are integrated in a Graphic User Interface (GUI). Also, is presented an inventory of the toolkits that work with DICOM images and an inventory of software products for creating a GUI in Java.