2.2 Java for Image Applications.

In this project you will study the image-related capabilities of the Java language by focusing on the 2D, 3D, or/and advanced imaging APIs. You are required to develop a Java applet that demonstrates (some of) the above, present the code used, and write a report describing your work. The suggested steps for proceeding in this project are:

Develop a very simple functioning applet and put it up on the web.

Download one of the APIs (e.g. advanced imaging) and test one simple new function from this API.

Enhance the original applet by adding a functionality for displaying an image and interactively testing more of the functionalities of the API.

If time allows you can, e.g.:

- Add more image functionalities to your applet

- Try downloading and testing other APIs (e.g. 2D & 3D)

- Add practical functionality to the applet (e.g. estimation of percentages of different compounds in microscopic images of metals based on variable-value thresholding)

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