

Image processing for Cellular tomography using soft X-rays

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Abstract

We present an example of how to use ImageJ as a set of useful libraries for visualization in C++. C++ classes can be exposed in Java through JNI and a hybrid Java-C++ application can be developed exploiting the visualization capabilities of ImageJ. In this case, ImageJ is used as an external library instead of as the main program. In this way, ImageJ classes can be integrated into visualization components providing extended functionalities.