
Subject: IQM Image processing tool

Posted by [helaha](#) on Thu, 09 Sep 2004 12:46:05 GMT

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Hi all,

I have developed an interactive image processing tool based on IDL (see <http://www.uni-graz.at/people/ahammer/IQM/index.htm>) and there is a stand alone *.sav file too. If you are interested, I can send you the sav file (see download page).

Some text out of the tutorial:

"IQM (Interactive Quantitative Morphology) for W2000 or XP.....

IQM is an image processing application based on the IDL (Interactive Data Language, RSI) language. It is developed and programmed by the author and is for scientific purposes free of charge.....

Single images or image sequences or an image stack can be processed in an interchangeable manner. Image processing settings can be easily adapted to a set of images with an image manager and the final processing for all images can be done without any additional programming steps. Most of the image processing widgets can be opened several times and allow therefore a rapid comparison between different image processing settings.

The main features are:

Support of .tif, .jpg, .png images, image sequences or .tif stacks.

Support of 8bit grey level images or 24bit RGB color images.....

Implemented Image filtering, calculation, alignment, histogram adjustment, segmentation, thresholding, fractal analysis.....

Many features are implemented for grey level images as well as RGB images. Some features (such as statistical texture features) are implemented in this version only for grey level images, some other features (such as RGB relative) are implemented only for RGB color images.

Support of the IDL interactive tools functionality ROI, "iImage" and "iVolume".

.....

IQM needs the installation of IDL Virtual machine, which is included since IDL6.0."

Regards,
Helmut Ahammer
