Opticks Open Source Programming Contest

Win a PS3 or Nintendo Wii!!

The contest is to write an Opticks extension. Opticks is an expandable remote sensing and imagery analysis workbench. Learn more about Opticks at: http://opticks.org/

Extensions are written in C++, Python and IDL (Interactive Data Language).

Possible Ideas

1. Basic synthetic aperture RADAR (SAR) processing tools such as FFT analysis, image formation, and sub-aperture processing.
2. Video processing and object tracking tools such as background suppression, optical flow tracking, and shape recognition tracking.
3. Hyperspectral data point clustering and classification. (supervised or unsupervised)
4. Astronomical image processing tools such as noise removal and point source intensity classification.
5. Index all data in a directory or directories and place markers on a globe view (NASA World Wind, KDE marble, etc.) such that the user can click them to load the data.

Last Day for Submission is June 4, 2010
Contest Results Announced on June 18, 2010

The full contest announcement, rules and FAQ on-line at:
http://bit.ly/2I4bcs

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