Q-Imaging to SITK® for LabVIEW Transition VI's

Transition
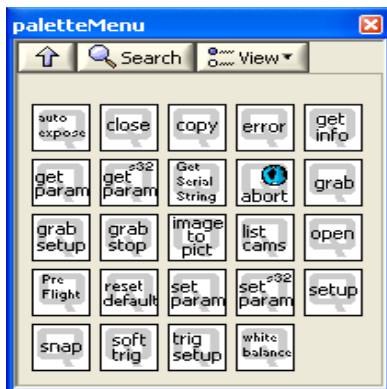
⦿ Each old Qcam VI has been replaced with a new SITK® VI. The icons are similar and they have the same inputs and outputs to allow for ease of replacement. They are also able to be used seamlessly with the core SITK® VI's.

⦿ The old Qcam examples will work with the new Vis with only two changes necessary. One needed the data size to be 16 bit unsigned integer instead of 8 bit.

⦿ In the trigger example, trigger setup must come before the standard setup. This is the only sequence change needed.

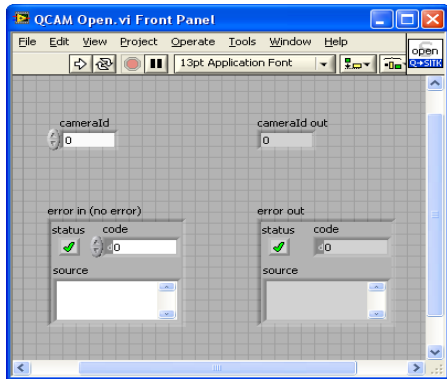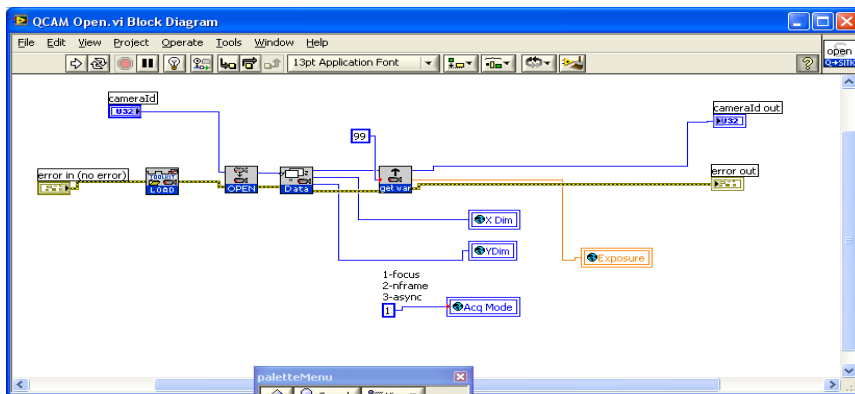New camera **palette** and old camera **palette.**

New

Old

QCAM Open.vi front panel. (same as old VI)

All the new vi's have the same input and output terminals as the old VI's but since they have SITK®
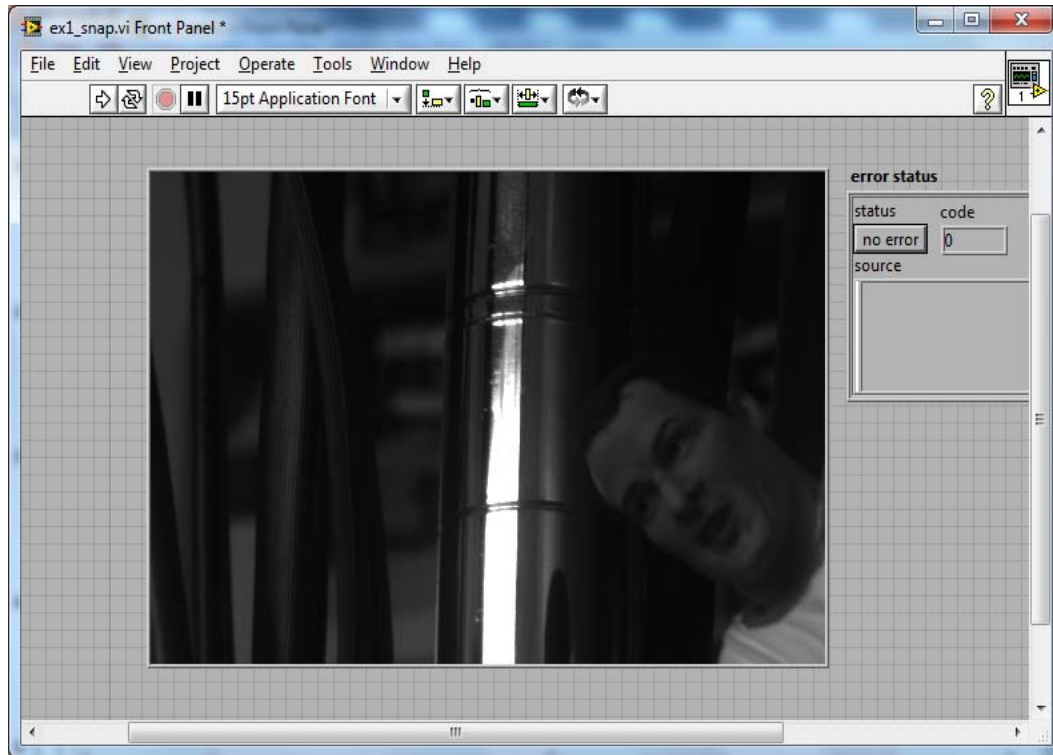handles internally, they can be used seamlessly with the SITK® core VI's.

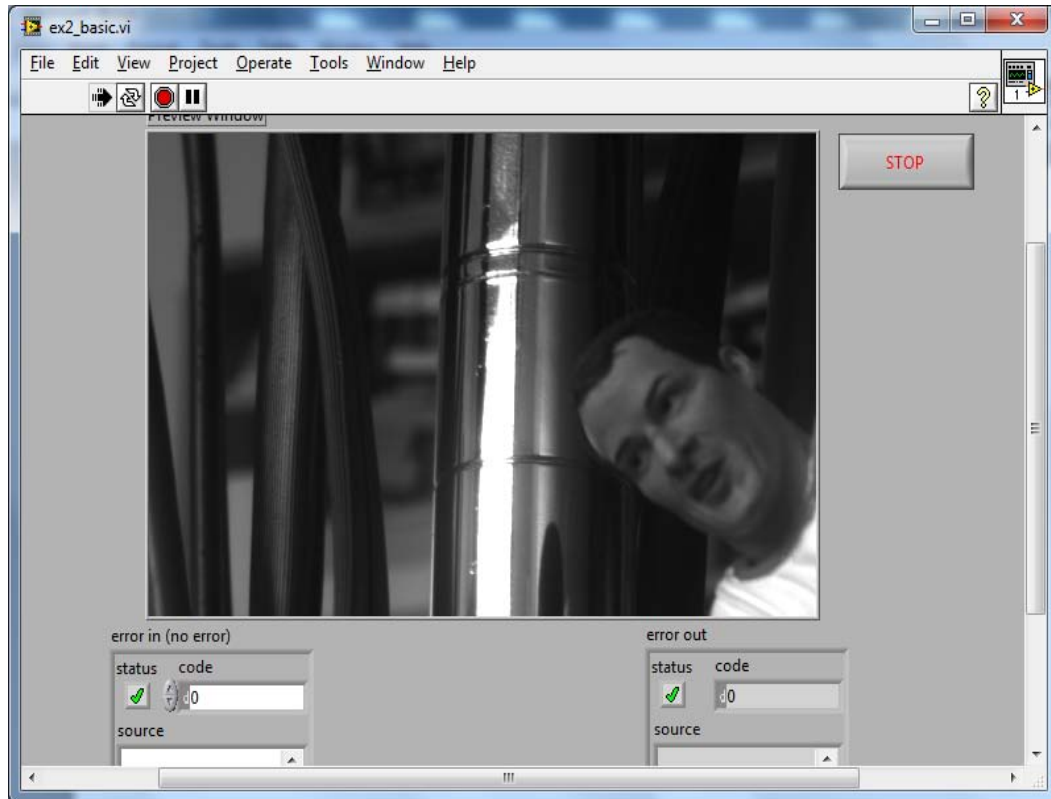Example of what the VI looks like on the outside.
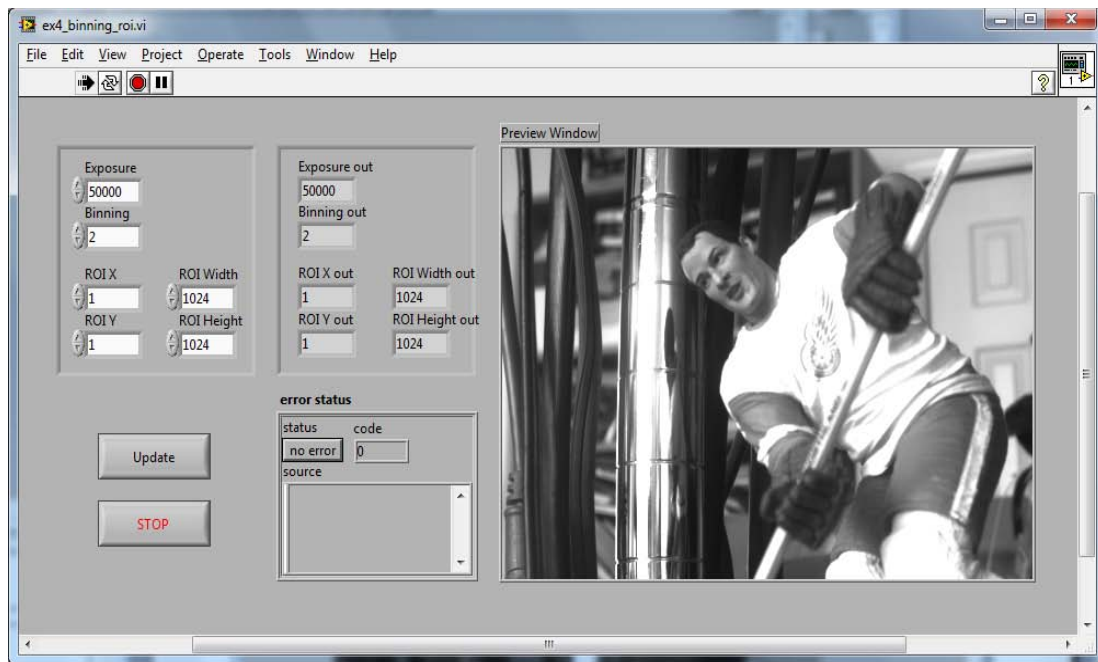

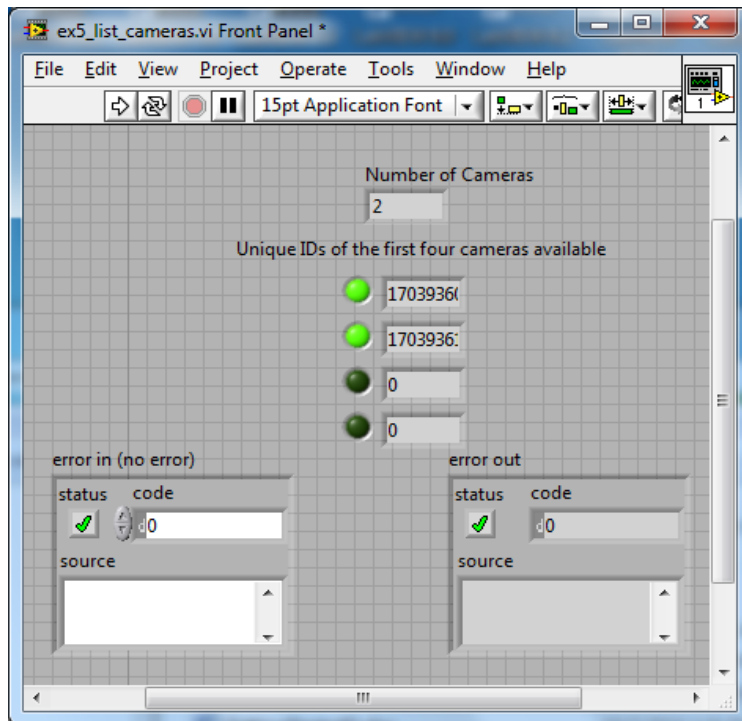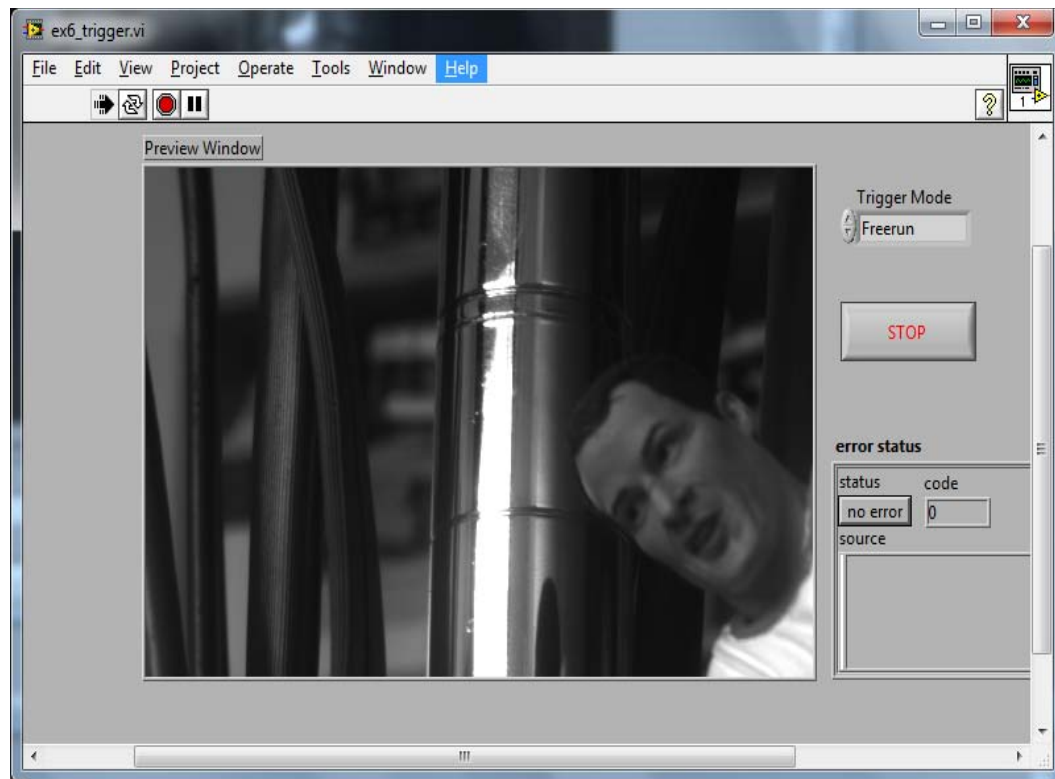The same VI showing the block diagram view.

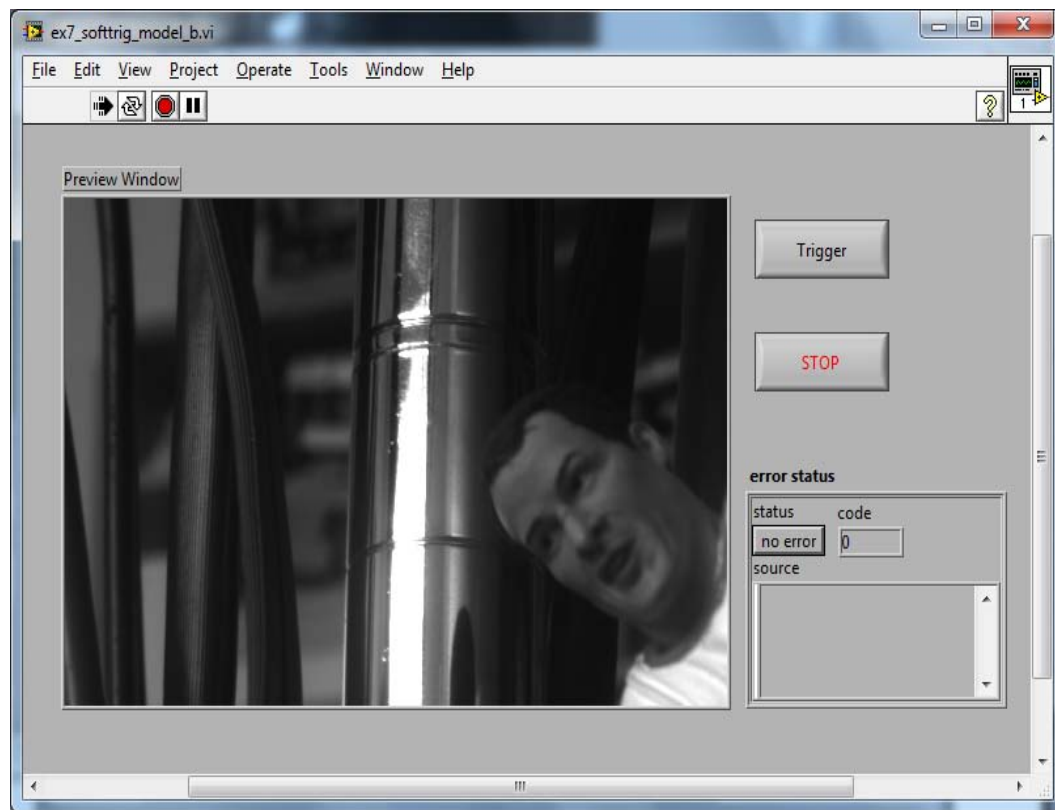Ex1_snap.vi

Ex2_basic.vi

Ex4_binning_roi.vi
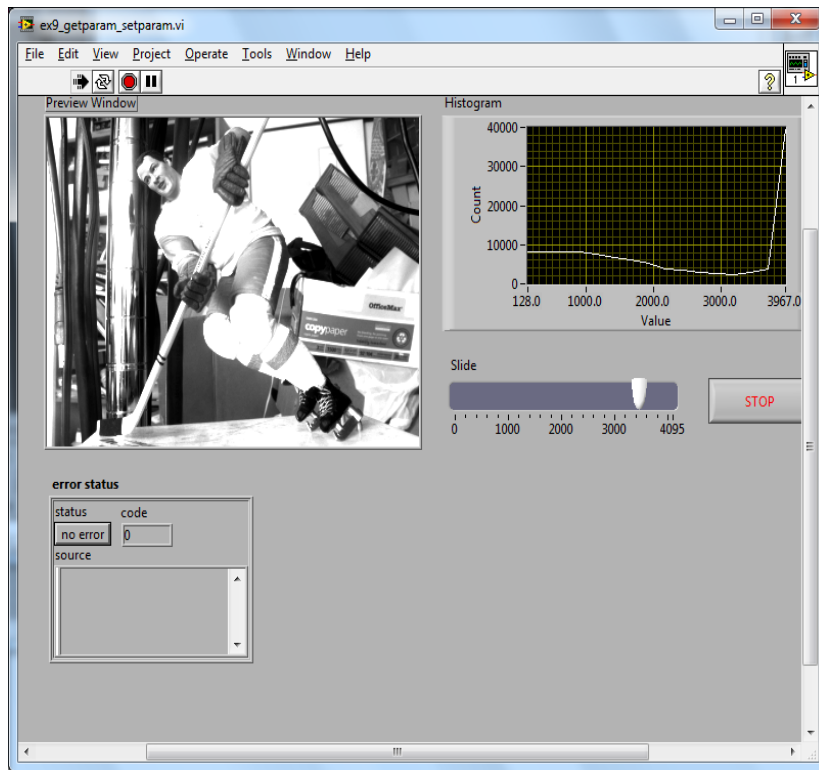
Ex5_list_cameras.vi

Ex6_trigger.vi

Ex7_softtrig_model_b.vi

Ex9_getparam_setparam.vi

Ex10_get_info.vi