

## **Process Description:**

Speckle tracking links speckles from frame to frame and closes gaps.

## **Parameter Descriptions:**

### **Input Channels:**

This allows you to select which channels you want to perform speckle tracking on. This should be applied to all channels that are going to be used for calculating the noise parameters. Select the channels by clicking on them in the "Available Input Channels" box and then clicking "Select>" to move them to the "Selected Channels" box. You can unselect a channel by clicking the "Delete" button

### **Search radius (pixels):**

This value sets the range of the pixel search from frame to frame.

### **Hierarchical tracking:**

If selected, the tracker uses the results of the first linking step as an initializer. This option is strongly recommended if the flow tracking has not been performed on the movie.

### **Correlation length:**

This value sets the correlation length used when the algorithm interpolates the tracks to initialize the hierarchical tracking.