Visualization initialization code :

```
QApplication app(argc, argv);
QGoSynchronizedViewManager *ViewManager =
  new QGoSynchronizedViewManager ();
QString ViewName;
```

```
itk::ImageFileReader
itk::RescaleIntensityImageFilter
```

Visualization code (figure 2a illustrates the produced viewer):

```
// Visualisation :
// define a name for this viewer
ViewName = "input Image";
// create it and let the ViewManager
// deal with it
ViewManager->newSynchronizedView
             <InputPixelType>
             (ViewName,
              inputRescaler->GetOutput());
ViewManager->Update();
```

```
itk::CurvatureAnisotropicDiffusionImageFilter
```

Visualization code (figure 2b illustrates the produced viewer) :
Same as for the previous visualization, but ViewName and the image source change.

```
itk::BinaryThresholdImageFilter
```

Visualization code (figure 2c illustrates the produced viewer) :
Same as for the previous visualization, but ViewName and the image source change.

Visualization display code :

```
// display the visualisation
ViewManager->show();
ViewManager->synchronizeOpenSynchronizedViews();
// run the Qt event loop
app.processEvents();
int output = app.exec();
// clean up
delete ViewManager;
```