CRC UMI

TcMatGui

Gets video information from user.

Makes and holdes Video objects.

Displays image data that it receives
from analysis algorithms in Matlab.

Passes user input to Matlab algorithms.

Note: in lieu of a better idea, I am treating the entirety of the Matlab portion of this project as a Class in my formal design.

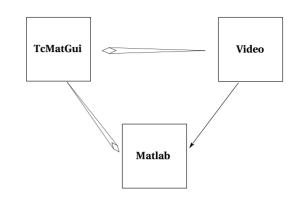
Video

Matlab



Carries out image processing, cell detection, cell tracking, and feature extraction.

Constructs TcMatGui object.
Passes image data to TcMatGui.
Receives user input from TcMatGui.
Receives video information from Video object.



State

