

```
% update notifications log
gui_notify(['executing ' mfilename '.m'],gui_handles.disp_note);

% clear memory
clearvars -except gui_handles expmt trackDat

% get image handle
imh = findobj(gui_handles.axes_handle, '-depth', 3, 'Type', 'image');

% properties of the tracked objects to be recorded
trackDat.fields={'Centroid'; 'Time'; 'Stimulus'};

% initialize labels, files, and cam/video
[trackDat, expmt] = autoInitialize(trackDat, expmt, gui_handles);

% lastFrame = false until last frame of the last video file is reached
trackDat.lastFrame = false;

% ----- %
% insert custom initialization here %
% ----- %

trackDat.Stimulus = false(expmt.ROI.n, 1);
trackDat.CenterDistance = NaN(expmt.ROI.n, 1);
```