

# z\_\*OBSOLETE\* Saving data

**\*\*\* OBSOLETE, DO NOT USE \*\*\***

## Saving Digitizing Data

**Please do this frequently. It is easy to reload data, and if MATLAB crashes or you accidentally quit it, you will lose your data.**

The Save Data button in DLTdvBrown acts like a Save As command. Entering the same prefix from session to session is generally desirable and will write over data from a previous digitizing session. Selecting a new prefix will establish an archive of your sessions.

Saving your data creates five files, all with the prefix that you have selected. These are:

- \*offsets.csv: lists the offsets for each frame
- \*xypts.csv: lists the raw digitized xy coordinates for each camera view in each frame
- \*xyzpts.csv: lists the 3D xyz coordinates for each frame once the DLT coefficients have been applied to the 2D data from each camera
- \*xyzres.csv: lists the DLT residuals for each marker point in every frame
- \*markerDistances.csv: lists the pair-wise distances between all points

When the merged DLT has been modified, Shift R will recalculate the xyz coordinates from the xy data. To recalculate data, save with a different file name or discard the old xyz and res files.