

outputtxt.m

Outputs the text from the shape recognition and color recognition into a text file

```
fileIDs = {'OAGC.tif'; 't.tif'; 'ncsu_N.jpg'};

t_ID = [1:numel(fileIDs)];
shapes = {'square'; 'circle'; 'triangle'; 'hexagon'; 'pentagon'; 'cross'; 'star'; 'square'};
colors = {'red'; 'orange'; 'yellow'; 'green'; 'blue'; 'purple'; 'black'; 'white'};
alphas = [];
confs = []; % confidence value for that letter

for i = t_ID
    ID = char(fileIDs(i));
    [txt conf] = alpha_rec(ID);
    alphas = [alphas; txt];
    confs = [confs; conf];
end
targID = t_ID.';
T = table(targID, alphas, confs);
writetable(T, 'ENEE.txt', 'Delimiter', '\t', 'WriteRowNames', true);
```