

```
function gifmaker(gifname,figlabel,i)
    % Makes a gif, duh
    frame = getframe(figlabel);
    im = frame2im(frame);
    [imind,cm] = rgb2ind(im,256);
    % Write to the GIF File
    if i == 1
        imwrite(imind,cm,gifname,'gif', 'Loopcount',inf,
'WriteMode','overwrite');
    else
        imwrite(imind,cm,gifname,'gif','WriteMode','append');
    end
end
```