function fig = togglefig(name, clearfig)

if ~nargin

tmp = get(findall(0,'type','figure'),'name');

if isempty(tmp)

tmp = 0;

elseif ischar(tmp) %one match

tmp = 1;

else %should be a cell array of matches

tmp = sum(cell2mat(regexp(tmp,'untitled')));

end

name = ['untitled',num2str(tmp+1)];

clearfig = 0;

elseif nargin == 1

clearfig = 0;

end

fig = findall(0,'type','figure','name',name);

if isempty(fig)

fig = figure('numbertitle','off','name',name);shg;

%tofront(name);

else

%figure(fig);

set(0,'currentfigure',fig)

end

drawnow; %This is necessary in R14b+ because graphics changes no longer ensure that events are complete before the figure is called

%shg;

figure(fig)

if clearfig

clf

end

% If no output was requested, none should be generated

if ~nargout

clear fig

end

end