untitled (1 call, 77.416 sec)

Generated 27-Oct-2016 17:54:22 using cpu time.
script in file /Users/dominicbraunagel/Desktop/untitled.m
Copy to new window for comparing multiple runs

Refresh

Show parent functions Show busy lines Show child functions
Show Code Analyzer results Show file coverage Show function listing

Parents (calling functions)
No parent

Lines where the most time was spent

Line Number	Code	Calls	Total Time	% Time	Time Plot
50	`M(i)=getframe(gcf);`	381	65.968 s	85.2%	
43	`set(r);`	312	5.665 s	7.3%	
35	`set(f);`	50	0.942 s	1.2%	
42	`r=patch([x_EXTEM_';x_EXTEM_'],...`	312	0.883 s	1.1%	
52	`clearvars l`	381	0.848 s	1.1%	
All other lines			3.109 s	4.0%	
Totals			77.416 s	100%	

Children (called functions)

Function Name	Function Type	Calls	Total Time	% Time	Time Plot
getframe	function	381	65.768 s	85.0%	
hgsetdisp	function	382	6.643 s	8.6%	
clearvars	function	381	0.848 s	1.1%	
subplot	function	382	0.848 s	1.1%	
xlabel	function	20	0.448 s	0.6%	
flipud	function	381	0.330 s	0.4%	
ylabel	function	20	0.330 s	0.4%	
title	function	20	0.306 s	0.4%	
cell2mat	function	764	0.165 s	0.2%	
newplot	function	20	0.094 s	0.1%	
axis	function	20	0.082 s	0.1%	
ishold	function	20	0.012 s	0.0%	
num2cell	function	2	0.012 s	0.0%	
grid	function	20	0 s	0%	

Self time (built-ins, overhead, etc.)			1.531 s	2.0%	
Totals			77.416 s	100%	

Code Analyzer results

Line number	Message
34	Terminate statement with semicolon to suppress output (within a script).
42	Terminate statement with semicolon to suppress output (within a script).
50	The variable 'M' appears to change size on every loop iteration (within a script). Consider preallocating for speed.
51	The variable 'M' appears to change size on every loop iteration (within a script). Consider preallocating for speed.

Coverage results

Show coverage for parent directory

Total lines in function	53
Non-code lines (comments, blank lines)	12
Code lines (lines that can run)	41
Code lines that did run	40
Code lines that did not run	1
Coverage (did run/can run)	97.56 %

Function listing

Color highlight code according to time

time	calls	line	
	1	2	k=1;
		3	
		4	%Skalierung Plot
	1	5	p=65;
		6	
	1	7	clot_EXTEM=num2cell(clot_ex{:,k});
0.01	1	8	time_EXTEM=num2cell(time_ex{:,k});
		9	
	1	10	n=length(clot_EXTEM);
0.02	1	11	for i=1:n
		12	%EXTEM
	382	13	y_cell_EXTEM=clot_EXTEM(1:i);
0.01	382	14	x_cell_EXTEM=time_EXTEM(1:i);
0.09	382	15	y_EXTEM=(cell2mat(y_cell_EXTEM)-1.5);
0.09	382	16	x_EXTEM=cell2mat(x_cell_EXTEM)/60;
		17	
0.01	382	18	if x_EXTEM(end)<=CT_extem(k)/60
0.12	20	19	subplot(2,2,1);
0.12	20	20	f=plot(x_EXTEM,y_EXTEM,'m');

```
','edgecolor','m')




'b','edgecolor','b')
```

```
0.13      20    21      set(f);
0.09      20    22      axis([0 35 -p p]);
0.31      20    23      title('EXTEM');
0.45      20    24      xlabel('time [min]');
0.35      20    25      ylabel('clot [mm]');
          20    26      grid on
          20    27      end
                28
                29       %Ab hier: CLOT
        382     30     if x_EXTEM(end)>(CT_extem(k))/60 && y_EXTEM(end)<=20
         50     31         length_EXTEM_x=length(x_EXTEM);
         50     32         length_EXTEM_y=length(y_EXTEM);
0.12     50     33         subplot(2,2,1)
0.12     50     34         f=patch([x_EXTEM'; x_EXTEM'],[y_EXTEM'; -y_EXTEM'],'m'
0.94     50     35         set(f);
         50     36     end
                37
0.02    382     38     if x_EXTEM(end)>(CT_extem(k))/60 && y_EXTEM(end)>20
        312     39         x_EXTEM_=x_EXTEM(length_EXTEM_x:end);
        312     40         y_EXTEM_=y_EXTEM(length_EXTEM_y:end);
0.64    312     41         subplot(2,2,1)
0.88    312     42         r=patch([x_EXTEM_';x_EXTEM_'],[y_EXTEM_';-y_EXTEM_'],'
5.67    312     43         set(r);
0.01    312     44     end
                45
0.01    382     46         if x_EXTEM(end)>20;
          1     47         break
                48         end
                49
65.97   381     50     M(i)=getframe(gcf);
0.35    381     51     M(i).cdata = flipud(M(i).cdata);
0.85    381     52     clearvars l
                53
0.02    381     54 end
```