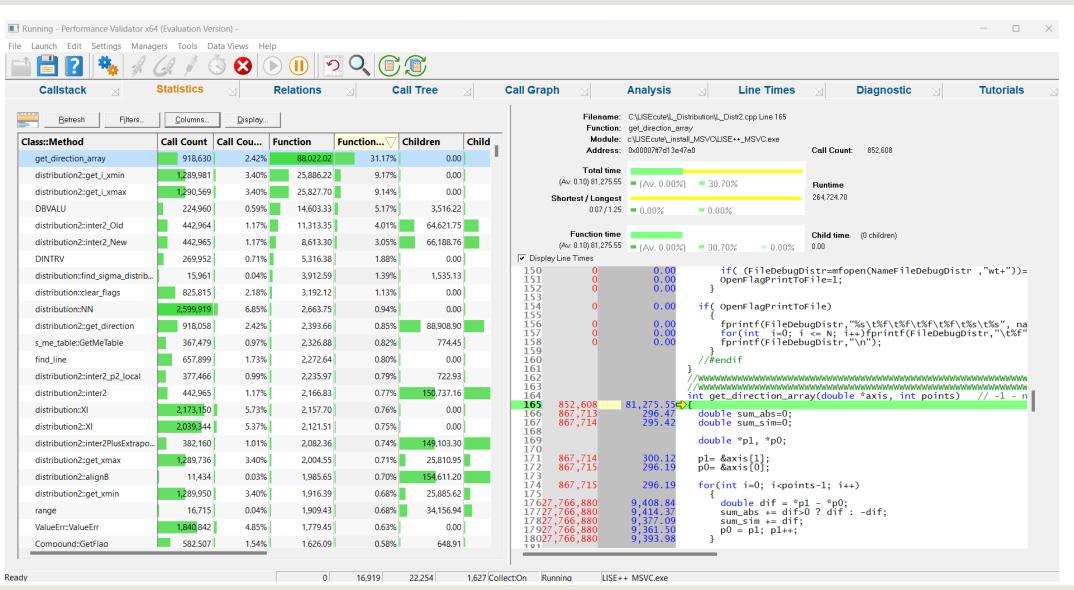
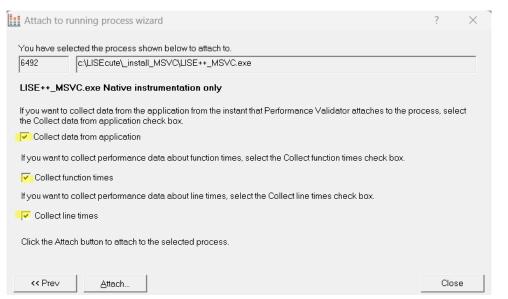
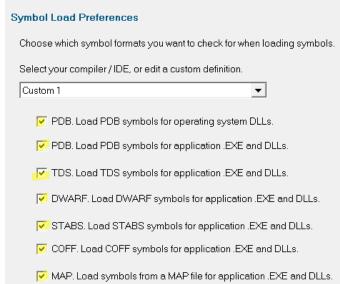
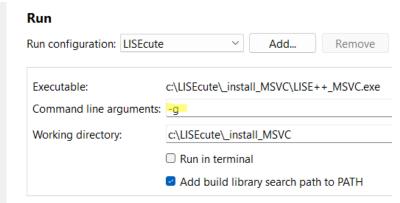
### **Performance Validator**



## Set Up

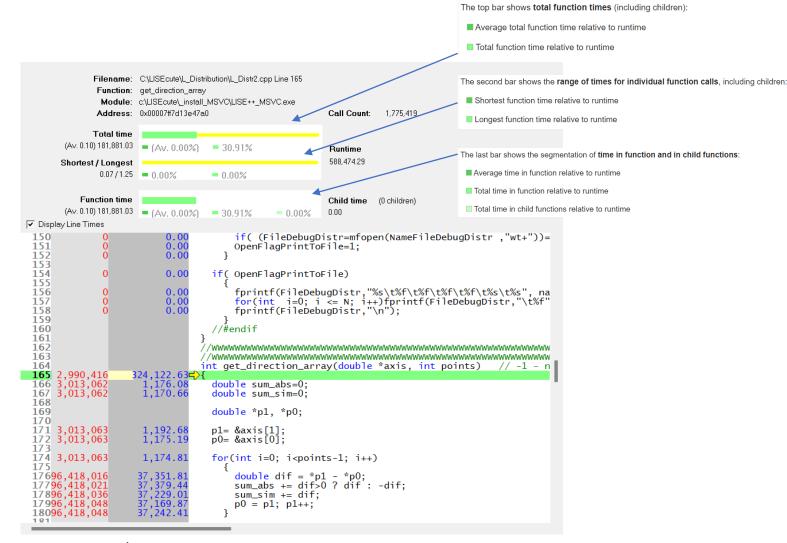






## Statistics + Source Code View

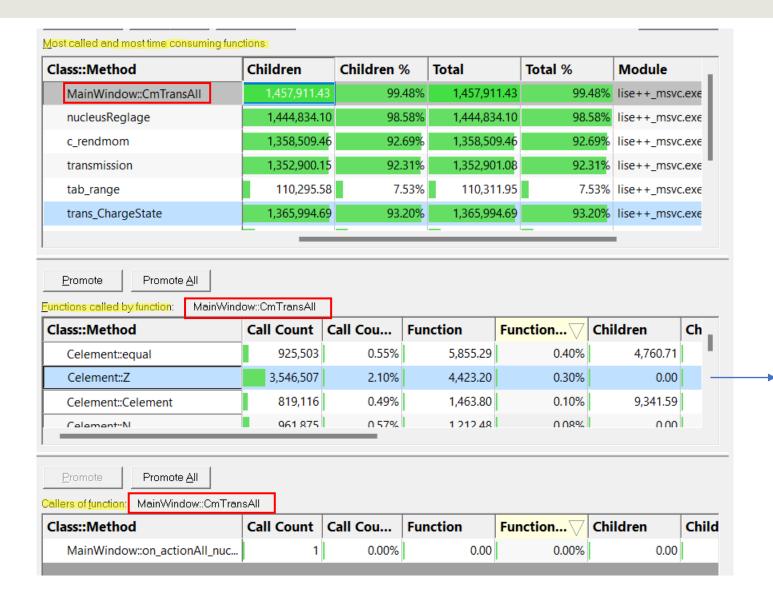
Num Av Func	Av Fu   Av Total   Av Tot   Call C   Call Cou			
Attribute	Description			
Num Children	# of child functions			
Av Function	Average time a function takes to execute			
Av Total	Average total time a function + child functions takes to execute			
Call Count	# of times a function is called			
Function	Time it takes a function to execute			
Children	Time a function's child functions take to execute			
Total	Time a function + child functions take to execute			
Longest	Longest time a function + child functions take to execute			
Shortest	Shortest time a function + child functions take to execute			



Visit count | Time



## Relations

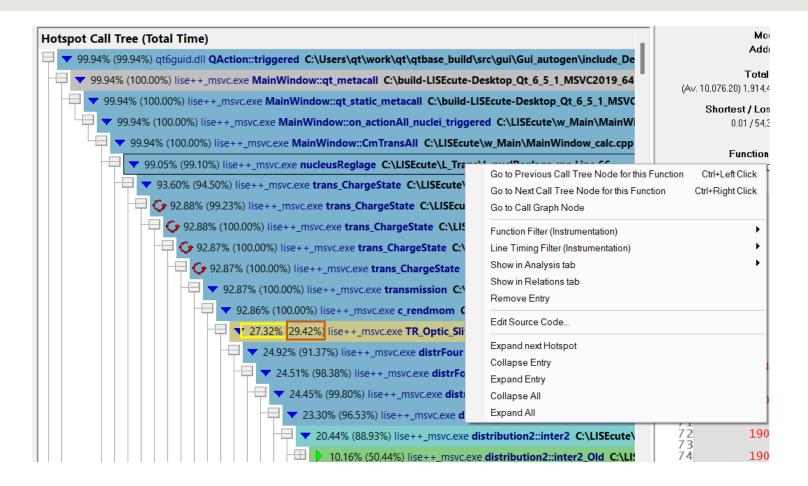


### Display:

Av. Total Time	•			
Call Count				
Function Time				
Total Time				
Av. Total Time				
Av. Func Time				

П	4.00			
	109			
	110	3,546,507	4,423.20 <b>&lt;&gt;&gt;</b>	int Z() const {return z;};
	111	961,875	1,212.48	<pre>int N() const {return n;};</pre>
	112	2,877,644	3,599.48	int A() const {return a;};
	113	142	0.25	int Q() const {return q;};
	114			1777
	115	57,994	71.38	<pre>void ChangeVerify(bool v){Verify=v;};</pre>
	116	57,994	70.30	<pre>bool GetVerify() const {return Verify;};</pre>
	117	-,,55.	, 5.55	(recuir (erriy)))
	118	1,039,689	1,296.14	<pre>double Zd() const {return double(z);};</pre>
	119	4,916	5.92	double Nd() const {return double(n);};
	120	2,209,067	2,709.61	double Ad() const {return double(a);};
	121	71.934	97.18	double Qd() const {return double(q);};
	122	71,554	97.10	double Qu() const (return double(q), ),
	123	517	0.68	<pre>void SetQ(int q_init) {q=q_init;};</pre>
	124	31/	0.08	
		1 210 610	1 613 06	bool IsPrimaryBeam();
	125	1,310,619	1,613.96	bool IsGamma() {return ( $z==0 \& n==0$ );};

## Call Tree



TR\_Optic\_Slit -> Contributed 29.42% of its parent's function time Contributed 27.32% to total run time

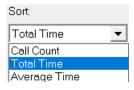


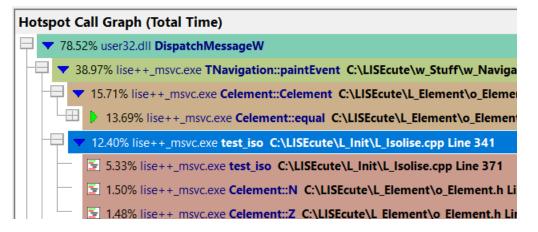
#### Call tree colours

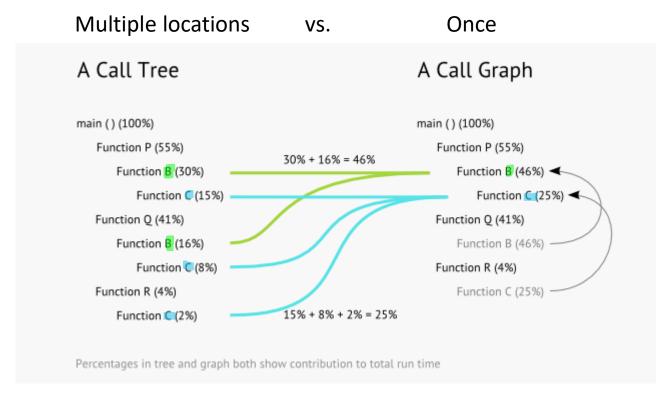
The tree is coloured using the customisable Hotspot Colours settings that range from 100% down to 0%.



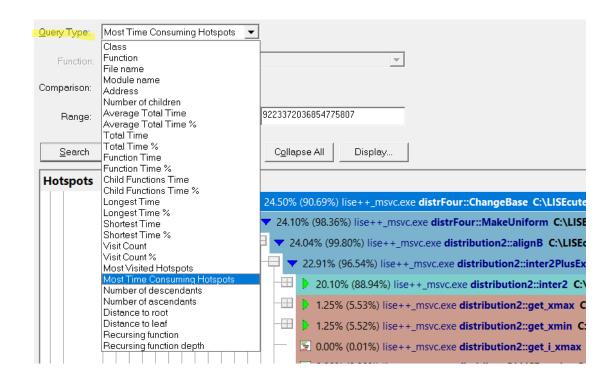
## Call Graph







# **Analysis + Line Times**



File	File		Total
$\Box$	C:\LISEcute\L_Distribution\o_Distr2.h	66	0.68
$\Box$	C:\LISEcute\L_Dbf\d_getrec.cpp	11,820	20.77
$\Box$	C:\LISEcute\L_Dbf\d_getfld.cpp	12,760	7.62
$\Box$	C:\LISEcute\L_Dbf\d_delrec.cpp	0	0.00
$\Box$	C:\LISEcute\L_Dbf\d_cpystr.cpp	0	0.00
$\Box$	C:\LISEcute\L_Dbf\d_addrec.cpp	0	0.00
$\Box$	C:\LISEcute\L_Calise\L_Charges_optimum.cpp	340	0.31
	C:\LISEcute\L_Calise\L_Charges_global.cpp	703	3,006.81