

FFRLayer>FFRLayer.containsPhoton (Calls: 143889159, Time: 159.872 s)

Generated 27-Mar-2023 12:56:34 using performance time.
Class method in file /Users/lhess/ffr-photon-simulator-matlab/mask-simulator/FFRLayer.m
[Copy to new window for comparing multiple runs](#)

Parents (calling functions)

Lines that take the most time

Line Number	Code	Calls	Total Time (s)	% Time	Time Plot
71	end	143889159	67.593	42.3%	<div></div>
67	bool = photon.y <= obj.outerBound.bound && phot...	143889159	37.755	23.6%	<div></div>
All other lines			54.524	34.1%	<div></div>
Totals			159.872	100%	

Children (called functions)

No children

Code Analyzer results

No Code Analyzer messages.

Coverage results

[Show coverage for parent folder](#)

Total lines in function	9
Non-code lines (comments, blank lines)	7
Code lines (lines that can run)	2
Code lines that did run	2
Code lines that did not run	0
Coverage (did run/can run)	100.00 %

Function listing

Time	Calls	Line
		63 function bool = containsPhoton(obj, photon)
		64 % Check if a photon is inside this laver.
		65 %outer = obj.outerBound.bound;
		66 %inner = obj.innerBound.bound;
37.755	143889159	67 bool = photon.v <= obj.outerBound.bound && photon.v > obj.innerBound.bound;
		68 %if bool
		69 % Debug.msq("Contains photon at " + Debug.coordToString(photon.getCoords()), 1);
		70 %end
67.593	143889159	71 end

Local functions in this file are not included in this listing.