

Flat profile:

Each sample counts as 0.01 seconds.

%	cumulative	self	self	self	total	
time	seconds	seconds	calls	ms/call	ms/call	name
36.65	0.37	0.37	187749717	0.00	0.00	Color3d::operator()(int)
22.78	0.60	0.23	67711110	0.00	0.00	operator*(cv::Mat const&, Color3d&)
13.37	0.74	0.14	60939990	0.00	0.00	double const& cv::Mat::at<double>(int, int) const
11.89	0.86	0.12				main
4.95	0.91	0.05	14413379	0.00	0.00	Color3d::operator=(Color3d const&)
3.96	0.95	0.04	13156175	0.00	0.00	Color3d& cv::Mat::at<Color3d>(int, int)
1.98	0.97	0.02	7543200	0.00	0.00	double& cv::Mat::at<double>(int, int)
0.99	0.98	0.01	13156184	0.00	0.00	Color3d::Color3d()
0.99	0.99	0.01	2128357	0.00	0.00	Color3d::operator*(Color3d const&)
0.99	1.00	0.01				frame_dummy
0.50	1.00	0.01	4256710	0.00	0.00	Color3d::operator+(Color3d const&)
0.50	1.01	0.01	1	5.00	5.00	
						cvflann::anyimpl::big_any_policy<cvflann::anyimpl::empty_any>::big_any_policy()
0.50	1.01	0.01				Color3d::Color3d(Color3d const&)
0.00	1.01	0.00	44	0.00	0.00	cv::Mat::release()
0.00	1.01	0.00	17	0.00	0.00	cv::_InputArray::init(int, void const*)
0.00	1.01	0.00	14	0.00	0.00	cv::Mat::~Mat()
0.00	1.01	0.00	11	0.00	0.00	cv::_InputArray::~~_InputArray()
0.00	1.01	0.00	11	0.00	0.00	cv::Size_<int>::Size_()
0.00	1.01	0.00	9	0.00	0.00	
						cvflann::anyimpl::base_any_policy::base_any_policy()
0.00	1.01	0.00	9	0.00	0.00	
						cvflann::anyimpl::base_any_policy::~~base_any_policy()
0.00	1.01	0.00	6	0.00	0.00	cv::_InputArray::_InputArray()
0.00	1.01	0.00	6	0.00	0.00	cv::_OutputArray::_OutputArray(cv::Mat&)
0.00	1.01	0.00	6	0.00	0.00	cv::_OutputArray::~~_OutputArray()
0.00	1.01	0.00	6	0.00	0.00	cv::MatSize::MatSize(int*)
0.00	1.01	0.00	6	0.00	0.00	cv::MatStep::MatStep()
0.00	1.01	0.00	5	0.00	0.00	cv::_InputArray::_InputArray(cv::Mat const&)
0.00	1.01	0.00	5	0.00	0.00	cv::String::String(char const*)
0.00	1.01	0.00	5	0.00	0.00	cv::String::~~String()
0.00	1.01	0.00	4	0.00	0.00	cv::Mat::create(int, int, int)
0.00	1.01	0.00	4	0.00	0.00	cv::Mat::Mat(int, int, int)
0.00	1.01	0.00	4	0.00	0.00	Color3d::divide(double)
0.00	1.01	0.00	4	0.00	0.00	Color3d::Color3d(double, double, double)
0.00	1.01	0.00	2	0.00	0.00	cv::Mat::Mat()
0.00	1.01	0.00	2	0.00	0.00	cv::MatExpr::~~MatExpr()
0.00	1.01	0.00	2	0.00	0.00	Color3d::operator-(Color3d const&)
0.00	1.01	0.00	2	0.00	0.00	cv::Mat::empty() const
0.00	1.01	0.00	2	0.00	0.00	cv::Mat::total() const
0.00	1.01	0.00	2	0.00	0.00	cv::MatExpr::operator cv::Mat() const
0.00	1.01	0.00	1	0.00	5.00	_GLOBAL__sub_I_ZmlRKN2cv3MatER7Color3d
0.00	1.01	0.00	1	0.00	5.00	
						__static_initialization_and_destruction_0(int, int)
0.00	1.01	0.00	1	0.00	0.00	
						cvflann::anyimpl::big_any_policy<cv::String>::big_any_policy()

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0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::big_any_policy<cvflann::flann_algorithm_t>::big_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::big_any_policy<cvflann::flann_centers_init_t>::big_any_policy()
0.00      1.01      0.00          1      0.00      0.00  cvflann::anyimpl::small_any_policy<char
const*>::small_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::small_any_policy<bool>::small_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::small_any_policy<float>::small_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::small_any_policy<int>::small_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::small_any_policy<unsigned int>::small_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<cv::String>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<cv::String>::~~typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<cvflann::anyimpl::empty_any>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<cvflann::anyimpl::empty_any>::~~typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_algorithm_t>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_algorithm_t>::~~typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_centers_init_t>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_centers_init_t>::~~typed_base_any_policy(
)
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<char const*>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<char const*>::~~typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<bool>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<bool>::~~typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<float>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<float>::~~typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<int>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<int>::~~typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<unsigned int>::typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
cvflann::anyimpl::typed_base_any_policy<unsigned int>::~~typed_base_any_policy()
0.00      1.01      0.00          1      0.00      0.00
__gnu_cxx::new_allocator<int>::new_allocator()

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0.00      1.01      0.00          1      0.00      0.00
__gnu_cxx::new_allocator<int>::~new_allocator()
0.00      1.01      0.00          1      0.00      0.00  std::allocator<int>::allocator()
0.00      1.01      0.00          1      0.00      0.00  std::allocator<int>::~allocator()
0.00      1.01      0.00          1      0.00      0.00  void
std::_Destroy_aux<true>::_destroy<int*>(int*, int*)
0.00      1.01      0.00          1      0.00      0.00  std::_Vector_base<int,
std::allocator<int> >::_Vector_impl::_Vector_impl()
0.00      1.01      0.00          1      0.00      0.00  std::_Vector_base<int,
std::allocator<int> >::_Vector_impl::~~Vector_impl()
0.00      1.01      0.00          1      0.00      0.00  std::_Vector_base<int,
std::allocator<int> >::_M_deallocate(int*, unsigned long)
0.00      1.01      0.00          1      0.00      0.00  std::_Vector_base<int,
std::allocator<int> >::_M_get_Tp_allocator()
0.00      1.01      0.00          1      0.00      0.00  std::_Vector_base<int,
std::allocator<int> >::_Vector_base()
0.00      1.01      0.00          1      0.00      0.00  std::_Vector_base<int,
std::allocator<int> >::~~Vector_base()
0.00      1.01      0.00          1      0.00      0.00  std::vector<int, std::allocator<int>
>::vector()
0.00      1.01      0.00          1      0.00      0.00  std::vector<int, std::allocator<int>
>::~~vector()
0.00      1.01      0.00          1      0.00      0.00  void std::_Destroy<int*>(int*, int*)
0.00      1.01      0.00          1      0.00      0.00  void std::_Destroy<int*, int>(int*, int*,
std::allocator<int>&)

```

% the percentage of the total running time of the  
time program used by this function.

cumulative a running sum of the number of seconds accounted  
seconds for by this function and those listed above it.

self the number of seconds accounted for by this  
seconds function alone. This is the major sort for this  
listing.

calls the number of times this function was invoked, if  
this function is profiled, else blank.

self the average number of milliseconds spent in this  
ms/call function per call, if this function is profiled,  
else blank.

total the average number of milliseconds spent in this  
ms/call function and its descendents per call, if this  
function is profiled, else blank.

name the name of the function. This is the minor sort  
for this listing. The index shows the location of  
the function in the gprof listing. If the index is  
in parenthesis it shows where it would appear in  
the gprof listing if it were to be printed.

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Call graph (explanation follows)

granularity: each sample hit covers 2 byte(s) for 0.99% of 1.01 seconds

index	% time	self	children	called	name
					<spontaneous>
[1]	98.0	0.12	0.87		main [1]
		0.23	0.42	6771110/6771110	operator*(cv::Mat const&, Color3d&) [2]
		0.09	0.00	45556407/187749717	Color3d::operator()(int) [3]
		0.05	0.00	14413379/14413379	Color3d::operator=(Color3d const&) [5]
		0.04	0.00	13156175/13156175	Color3d& cv::Mat::at<Color3d>(int, int) [6]
		0.02	0.00	7543200/7543200	double& cv::Mat::at<double>(int, int) [7]
		0.01	0.00	2128357/2128357	Color3d::operator*(Color3d const&) [8]
		0.01	0.00	4256710/4256710	Color3d::operator+(Color3d const&) [11]
		0.00	0.00	4/4	Color3d::divide(double) [17]
		0.00	0.00	2/2	Color3d::operator-(Color3d const&) [18]
		0.00	0.00	1/13156184	Color3d::Color3d() [10]
		0.00	0.00	8/14	cv::Mat::~~Mat() [26]
		0.00	0.00	6/6	cv::_OutputArray::_OutputArray(cv::Mat&) [32]
		0.00	0.00	6/6	cv::_OutputArray::~~_OutputArray() [33]
		0.00	0.00	5/5	cv::String::String(char const*) [37]
		0.00	0.00	5/5	cv::String::~~String() [38]
		0.00	0.00	5/5	cv::_InputArray::_InputArray(cv::Mat const&)
				[36]	
		0.00	0.00	5/11	cv::_InputArray::~~_InputArray() [27]
		0.00	0.00	4/4	cv::Mat::Mat(int, int, int) [40]
		0.00	0.00	4/4	Color3d::Color3d(double, double, double) [41]
		0.00	0.00	2/2	cv::Mat::empty() const [44]
		0.00	0.00	2/2	cv::MatExpr::operator cv::Mat() const [46]
		0.00	0.00	2/2	cv::MatExpr::~~MatExpr() [43]
		0.00	0.00	1/1	std::vector<int, std::allocator<int>
				>::vector() [84]	
		0.00	0.00	1/1	std::vector<int, std::allocator<int>
				>::~~vector() [85]	
-----					
		0.23	0.42	6771110/6771110	main [1]
[2]	64.4	0.23	0.42	6771110	operator*(cv::Mat const&, Color3d&) [2]
		0.28	0.00	142193310/187749717	Color3d::operator()(int) [3]
		0.14	0.00	60939990/60939990	double const& cv::Mat::at<double>(int, int)
				const [4]	
		0.01	0.00	6771110/13156184	Color3d::Color3d() [10]
-----					
		0.09	0.00	45556407/187749717	main [1]
		0.28	0.00	142193310/187749717	operator*(cv::Mat const&, Color3d&) [2]
[3]	36.6	0.37	0.00	187749717	Color3d::operator()(int) [3]
-----					

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[4]      13.4    0.14    0.00 60939990/60939990    operator*(cv::Mat const&, Color3d&) [2]
[4]      13.4    0.14    0.00 60939990    double const& cv::Mat::at<double>(int, int) const
[4]
-----
[5]      5.0     0.05    0.00 14413379/14413379    main [1]
[5]      5.0     0.05    0.00 14413379    Color3d::operator=(Color3d const&) [5]
-----
[6]      4.0     0.04    0.00 13156175/13156175    main [1]
[6]      4.0     0.04    0.00 13156175    Color3d& cv::Mat::at<Color3d>(int, int) [6]
-----
[7]      2.0     0.02    0.00 7543200/7543200     main [1]
[7]      2.0     0.02    0.00 7543200     double& cv::Mat::at<double>(int, int) [7]
-----
[8]      1.2     0.01    0.00 2128357/2128357     main [1]
[8]      1.2     0.01    0.00 2128357     Color3d::operator*(Color3d const&) [8]
[8]      1.2     0.00    0.00 2128357/13156184   Color3d::Color3d() [10]
-----
[9]      1.0     0.01    0.00                <spontaneous>
[9]      1.0     0.01    0.00                frame_dummy [9]
-----
[10]     1.0     0.01    0.00 1/13156184         main [1]
[10]     1.0     0.01    0.00 2/13156184         Color3d::operator-(Color3d const&) [18]
[10]     1.0     0.01    0.00 4/13156184         Color3d::divide(double) [17]
[10]     1.0     0.01    0.00 2128357/13156184   Color3d::operator*(Color3d const&) [8]
[10]     1.0     0.01    0.00 4256710/13156184   Color3d::operator+(Color3d const&) [11]
[10]     1.0     0.01    0.00 6771110/13156184   operator*(cv::Mat const&, Color3d&) [2]
[10]     1.0     0.01    0.00 13156184           Color3d::Color3d() [10]
-----
[11]     0.8     0.01    0.00 4256710/4256710     main [1]
[11]     0.8     0.01    0.00 4256710           Color3d::operator+(Color3d const&) [11]
[11]     0.8     0.00    0.00 4256710/13156184   Color3d::Color3d() [10]
-----
[12]     0.5     0.00    0.01 1/1                __libc_csu_init [16]
[12]     0.5     0.00    0.01 1                _GLOBAL__sub_I_ZmlRKN2cv3MatER7Color3d [12]
[12]     0.5     0.00    0.01 1/1                __static_initialization_and_destruction_0(int,
int) [13]
-----
[13]     0.5     0.00    0.01 1/1                _GLOBAL__sub_I_ZmlRKN2cv3MatER7Color3d [12]
[13]     0.5     0.00    0.01 1                __static_initialization_and_destruction_0(int,
int) [13]
[13]     0.5     0.01    0.00 1/1                cvflann::anyimpl::big_any_policy<cvflann::anyimpl::empty_any>::big_any_policy()
[14]
[13]     0.5     0.00    0.00 1/1                cvflann::anyimpl::small_any_policy<char
const*>::small_any_policy() [50]
[13]     0.5     0.00    0.00 1/1                cvflann::anyimpl::small_any_policy<int>::small_any_policy() [53]
[13]     0.5     0.00    0.00 1/1                cvflann::anyimpl::small_any_policy<float>::small_any_policy() [52]
[13]     0.5     0.00    0.00 1/1                cvflann::anyimpl::small_any_policy<bool>::small_any_policy() [51]
[13]     0.5     0.00    0.00 1/1                cvflann::anyimpl::big_any_policy<cvflann::flann_algorithm_t>::big_any_policy()

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[48]
0.00 0.00 1/1
cvflann::anyimpl::big_any_policy<cvflann::flann_centers_init_t>::big_any_policy()
[49]
0.00 0.00 1/1 cvflann::anyimpl::small_any_policy<unsigned
int>::small_any_policy() [54]
0.00 0.00 1/1
cvflann::anyimpl::big_any_policy<cv::String>::big_any_policy() [47]
-----
0.01 0.00 1/1 __static_initialization_and_destruction_0(int,
int) [13]
[14] 0.5 0.01 0.00 1
cvflann::anyimpl::big_any_policy<cvflann::anyimpl::empty_any>::big_any_policy() [14]
0.00 0.00 1/1
cvflann::anyimpl::typed_base_any_policy<cvflann::anyimpl::empty_any>::typed_base_
any_policy() [57]
-----
<spontaneous>
[15] 0.5 0.01 0.00 Color3d::Color3d(Color3d const&) [15]
-----
<spontaneous>
[16] 0.5 0.00 0.01 __libc_csu_init [16]
0.00 0.01 1/1 _GLOBAL__sub_I_ZmlRKN2cv3MatER7Color3d [12]
-----
0.00 0.00 4/4 main [1]
[17] 0.0 0.00 0.00 4 Color3d::divide(double) [17]
0.00 0.00 4/13156184 Color3d::Color3d() [10]
-----
0.00 0.00 2/2 main [1]
[18] 0.0 0.00 0.00 2 Color3d::operator-(Color3d const&) [18]
0.00 0.00 2/13156184 Color3d::Color3d() [10]
-----
0.00 0.00 44/44 cv::Mat::~~Mat() [26]
[24] 0.0 0.00 0.00 44 cv::Mat::release() [24]
-----
0.00 0.00 5/17 cv::_InputArray::_InputArray(cv::Mat const&)
[36]
0.00 0.00 6/17 cv::_InputArray::_InputArray() [31]
0.00 0.00 6/17 cv::_OutputArray::_OutputArray(cv::Mat&) [32]
[25] 0.0 0.00 0.00 17 cv::_InputArray::init(int, void const*) [25]
-----
0.00 0.00 6/14 cv::MatExpr::~~MatExpr() [43]
0.00 0.00 8/14 main [1]
[26] 0.0 0.00 0.00 14 cv::Mat::~~Mat() [26]
0.00 0.00 44/44 cv::Mat::release() [24]
-----
0.00 0.00 5/11 main [1]
0.00 0.00 6/11 cv::_OutputArray::~~_OutputArray() [33]
[27] 0.0 0.00 0.00 11 cv::_InputArray::~~_InputArray() [27]
-----
0.00 0.00 5/11 cv::_InputArray::_InputArray(cv::Mat const&)
[36]
0.00 0.00 6/11 cv::_InputArray::_InputArray() [31]

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[28]      0.0    0.00    0.00      11      cv::Size_<int>::Size_() [28]
-----
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<cvflann::anyimpl::empty_any>::typed_base_
any_policy() [57]
      0.00    0.00      1/9      cvflann::anyimpl::typed_base_any_policy<char
const*>::typed_base_any_policy() [63]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<int>::typed_base_any_policy() [69]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<float>::typed_base_any_policy() [67]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<bool>::typed_base_any_policy() [65]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_algorithm_t>::typed_base_a
ny_policy() [59]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_centers_init_t>::typed_bas
e_any_policy() [61]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<unsigned int>::typed_base_any_policy()
[71]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<cv::String>::typed_base_any_policy() [55]
[29]      0.0    0.00    0.00      9
cvflann::anyimpl::base_any_policy::base_any_policy() [29]
-----
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<cvflann::anyimpl::empty_any>::~~typed_base
_any_policy() [58]
      0.00    0.00      1/9      cvflann::anyimpl::typed_base_any_policy<char
const*>::~~typed_base_any_policy() [64]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<int>::~~typed_base_any_policy() [70]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<float>::~~typed_base_any_policy() [68]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<bool>::~~typed_base_any_policy() [66]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_algorithm_t>::~~typed_base_
any_policy() [60]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_centers_init_t>::~~typed_ba
se_any_policy() [62]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<unsigned int>::~~typed_base_any_policy()
[72]
      0.00    0.00      1/9
cvflann::anyimpl::typed_base_any_policy<cv::String>::~~typed_base_any_policy()
[56]
[30]      0.0    0.00    0.00      9
cvflann::anyimpl::base_any_policy::~~base_any_policy() [30]
-----

```

```

0.00 0.00 6/6 cv::_OutputArray::_OutputArray(cv::Mat&) [32]
[31] 0.0 0.00 0.00 6 cv::_InputArray::_InputArray() [31]
0.00 0.00 6/11 cv::Size_<int>::Size_() [28]
0.00 0.00 6/17 cv::_InputArray::init(int, void const*) [25]
-----
0.00 0.00 6/6 main [1]
[32] 0.0 0.00 0.00 6 cv::_OutputArray::_OutputArray(cv::Mat&) [32]
0.00 0.00 6/6 cv::_InputArray::_InputArray() [31]
0.00 0.00 6/17 cv::_InputArray::init(int, void const*) [25]
-----
0.00 0.00 6/6 main [1]
[33] 0.0 0.00 0.00 6 cv::_OutputArray::~~_OutputArray() [33]
0.00 0.00 6/11 cv::_InputArray::~~_InputArray() [27]
-----
0.00 0.00 2/6 cv::Mat::Mat() [42]
0.00 0.00 4/6 cv::Mat::Mat(int, int, int) [40]
[34] 0.0 0.00 0.00 6 cv::MatSize::MatSize(int*) [34]
-----
0.00 0.00 2/6 cv::Mat::Mat() [42]
0.00 0.00 4/6 cv::Mat::Mat(int, int, int) [40]
[35] 0.0 0.00 0.00 6 cv::MatStep::MatStep() [35]
-----
0.00 0.00 5/5 main [1]
[36] 0.0 0.00 0.00 5 cv::_InputArray::_InputArray(cv::Mat const&) [36]
0.00 0.00 5/11 cv::Size_<int>::Size_() [28]
0.00 0.00 5/17 cv::_InputArray::init(int, void const*) [25]
-----
0.00 0.00 5/5 main [1]
[37] 0.0 0.00 0.00 5 cv::String::String(char const*) [37]
-----
0.00 0.00 5/5 main [1]
[38] 0.0 0.00 0.00 5 cv::String::~~String() [38]
-----
0.00 0.00 4/4 cv::Mat::Mat(int, int, int) [40]
[39] 0.0 0.00 0.00 4 cv::Mat::create(int, int, int) [39]
-----
0.00 0.00 4/4 main [1]
[40] 0.0 0.00 0.00 4 cv::Mat::Mat(int, int, int) [40]
0.00 0.00 4/6 cv::MatSize::MatSize(int*) [34]
0.00 0.00 4/6 cv::MatStep::MatStep() [35]
0.00 0.00 4/4 cv::Mat::create(int, int, int) [39]
-----
0.00 0.00 4/4 main [1]
[41] 0.0 0.00 0.00 4 Color3d::Color3d(double, double, double) [41]
-----
0.00 0.00 2/2 cv::MatExpr::operator cv::Mat() const [46]
[42] 0.0 0.00 0.00 2 cv::Mat::Mat() [42]
0.00 0.00 2/6 cv::MatSize::MatSize(int*) [34]
0.00 0.00 2/6 cv::MatStep::MatStep() [35]
-----
0.00 0.00 2/2 main [1]
[43] 0.0 0.00 0.00 2 cv::MatExpr::~~MatExpr() [43]
0.00 0.00 6/14 cv::Mat::~~Mat() [26]

```



```

-----
      0.00  0.00  2/2  main [1]
[44]  0.0  0.00  0.00  2  cv::Mat::empty() const [44]
      0.00  0.00  2/2  cv::Mat::total() const [45]
-----
      0.00  0.00  2/2  cv::Mat::empty() const [44]
[45]  0.0  0.00  0.00  2  cv::Mat::total() const [45]
-----
      0.00  0.00  2/2  main [1]
[46]  0.0  0.00  0.00  2  cv::MatExpr::operator cv::Mat() const [46]
      0.00  0.00  2/2  cv::Mat::Mat() [42]
-----
      0.00  0.00  1/1  __static_initialization_and_destruction_0(int,
int) [13]
[47]  0.0  0.00  0.00  1
cvflann::anyimpl::big_any_policy<cv::String>::big_any_policy() [47]
      0.00  0.00  1/1
      cvflann::anyimpl::typed_base_any_policy<cv::String>::typed_base_any_policy() [55]
-----
      0.00  0.00  1/1  __static_initialization_and_destruction_0(int,
int) [13]
[48]  0.0  0.00  0.00  1
cvflann::anyimpl::big_any_policy<cvflann::flann_algorithm_t>::big_any_policy() [48]
      0.00  0.00  1/1
      cvflann::anyimpl::typed_base_any_policy<cvflann::flann_algorithm_t>::typed_base_a
ny_policy() [59]
-----
      0.00  0.00  1/1  __static_initialization_and_destruction_0(int,
int) [13]
[49]  0.0  0.00  0.00  1
cvflann::anyimpl::big_any_policy<cvflann::flann_centers_init_t>::big_any_policy() [49]
      0.00  0.00  1/1
      cvflann::anyimpl::typed_base_any_policy<cvflann::flann_centers_init_t>::typed_bas
e_any_policy() [61]
-----
      0.00  0.00  1/1  __static_initialization_and_destruction_0(int,
int) [13]
[50]  0.0  0.00  0.00  1  cvflann::anyimpl::small_any_policy<char
const*>::small_any_policy() [50]
      0.00  0.00  1/1  cvflann::anyimpl::typed_base_any_policy<char
const*>::typed_base_any_policy() [63]
-----
      0.00  0.00  1/1  __static_initialization_and_destruction_0(int,
int) [13]
[51]  0.0  0.00  0.00  1
cvflann::anyimpl::small_any_policy<bool>::small_any_policy() [51]
      0.00  0.00  1/1
      cvflann::anyimpl::typed_base_any_policy<bool>::typed_base_any_policy() [65]
-----
      0.00  0.00  1/1  __static_initialization_and_destruction_0(int,
int) [13]
[52]  0.0  0.00  0.00  1
cvflann::anyimpl::small_any_policy<float>::small_any_policy() [52]

```

```
0.00 0.00 1/1
cvflann::anyimpl::typed_base_any_policy<float>::typed_base_any_policy() [67]
```

```
-----
0.00 0.00 1/1      __static_initialization_and_destruction_0(int,
int) [13]
```

```
[53] 0.0 0.00 0.00 1
cvflann::anyimpl::small_any_policy<int>::small_any_policy() [53]
```

```
0.00 0.00 1/1
cvflann::anyimpl::typed_base_any_policy<int>::typed_base_any_policy() [69]
```

```
-----
0.00 0.00 1/1      __static_initialization_and_destruction_0(int,
int) [13]
```

```
[54] 0.0 0.00 0.00 1      cvflann::anyimpl::small_any_policy<unsigned
int>::small_any_policy() [54]
```

```
0.00 0.00 1/1
cvflann::anyimpl::typed_base_any_policy<unsigned int>::typed_base_any_policy()
[71]
```

```
-----
0.00 0.00 1/1
cvflann::anyimpl::big_any_policy<cv::String>::big_any_policy() [47]
```

```
[55] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<cv::String>::typed_base_any_policy() [55]
```

```
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::base_any_policy() [29]
```

```
-----
0.00 0.00 1/1
cvflann::anyimpl::big_any_policy<cv::String>::~~big_any_policy() [99]
```

```
[56] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<cv::String>::~~typed_base_any_policy() [56]
```

```
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::~~base_any_policy() [30]
```

```
-----
0.00 0.00 1/1
cvflann::anyimpl::big_any_policy<cvflann::anyimpl::empty_any>::big_any_policy()
[14]
```

```
[57] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<cvflann::anyimpl::empty_any>::typed_base_any_policy()
[57]
```

```
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::base_any_policy() [29]
```

```
-----
0.00 0.00 1/1
cvflann::anyimpl::big_any_policy<cvflann::anyimpl::empty_any>::~~big_any_policy()
[108]
```

```
[58] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<cvflann::anyimpl::empty_any>::~~typed_base_any_policy()
[58]
```

```
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::~~base_any_policy() [30]
```

```
-----
0.00 0.00 1/1
cvflann::anyimpl::big_any_policy<cvflann::flann_algorithm_t>::big_any_policy()
[48]
```

```

[59]      0.0    0.00    0.00      1
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_algorithm_t>::typed_base_any_policy() [59]
          0.00    0.00      1/9
          cvflann::anyimpl::base_any_policy::base_any_policy() [29]
-----
          0.00    0.00      1/1
          cvflann::anyimpl::big_any_policy<cvflann::flann_algorithm_t>::~big_any_policy()
          [117]
[60]      0.0    0.00    0.00      1
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_algorithm_t>::~typed_base_any_policy()
[60]
          0.00    0.00      1/9
          cvflann::anyimpl::base_any_policy::~base_any_policy() [30]
-----
          0.00    0.00      1/1
          cvflann::anyimpl::big_any_policy<cvflann::flann_centers_init_t>::big_any_policy()
          [49]
[61]      0.0    0.00    0.00      1
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_centers_init_t>::typed_base_any_policy()
[61]
          0.00    0.00      1/9
          cvflann::anyimpl::base_any_policy::base_any_policy() [29]
-----
          0.00    0.00      1/1
          cvflann::anyimpl::big_any_policy<cvflann::flann_centers_init_t>::~big_any_policy(
          ) [126]
[62]      0.0    0.00    0.00      1
cvflann::anyimpl::typed_base_any_policy<cvflann::flann_centers_init_t>::~typed_base_any_policy()
[62]
          0.00    0.00      1/9
          cvflann::anyimpl::base_any_policy::~base_any_policy() [30]
-----
          0.00    0.00      1/1          cvflann::anyimpl::small_any_policy<char
          const*>::small_any_policy() [50]
[63]      0.0    0.00    0.00      1          cvflann::anyimpl::typed_base_any_policy<char
          const*>::typed_base_any_policy() [63]
          0.00    0.00      1/9
          cvflann::anyimpl::base_any_policy::base_any_policy() [29]
-----
          0.00    0.00      1/1          cvflann::anyimpl::small_any_policy<char
          const*>::~small_any_policy() [136]
[64]      0.0    0.00    0.00      1          cvflann::anyimpl::typed_base_any_policy<char
          const*>::~typed_base_any_policy() [64]
          0.00    0.00      1/9
          cvflann::anyimpl::base_any_policy::~base_any_policy() [30]
-----
          0.00    0.00      1/1
          cvflann::anyimpl::small_any_policy<bool>::small_any_policy() [51]
[65]      0.0    0.00    0.00      1
cvflann::anyimpl::typed_base_any_policy<bool>::typed_base_any_policy() [65]
          0.00    0.00      1/9
          cvflann::anyimpl::base_any_policy::base_any_policy() [29]
-----

```

```

0.00 0.00 1/1
cvflann::anyimpl::small_any_policy<bool>::~~small_any_policy() [145]
[66] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<bool>::~~typed_base_any_policy() [66]
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::~~base_any_policy() [30]
-----
0.00 0.00 1/1
cvflann::anyimpl::small_any_policy<float>::~small_any_policy() [52]
[67] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<float>::~typed_base_any_policy() [67]
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::base_any_policy() [29]
-----
0.00 0.00 1/1
cvflann::anyimpl::small_any_policy<float>::~~small_any_policy() [154]
[68] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<float>::~~typed_base_any_policy() [68]
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::~~base_any_policy() [30]
-----
0.00 0.00 1/1
cvflann::anyimpl::small_any_policy<int>::~small_any_policy() [53]
[69] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<int>::~typed_base_any_policy() [69]
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::base_any_policy() [29]
-----
0.00 0.00 1/1
cvflann::anyimpl::small_any_policy<int>::~~small_any_policy() [163]
[70] 0.0 0.00 0.00 1
cvflann::anyimpl::typed_base_any_policy<int>::~~typed_base_any_policy() [70]
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::~~base_any_policy() [30]
-----
0.00 0.00 1/1 cvflann::anyimpl::small_any_policy<unsigned
int>::~small_any_policy() [54]
[71] 0.0 0.00 0.00 1 cvflann::anyimpl::typed_base_any_policy<unsigned
int>::~typed_base_any_policy() [71]
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::base_any_policy() [29]
-----
0.00 0.00 1/1 cvflann::anyimpl::small_any_policy<unsigned
int>::~~small_any_policy() [172]
[72] 0.0 0.00 0.00 1 cvflann::anyimpl::typed_base_any_policy<unsigned
int>::~~typed_base_any_policy() [72]
0.00 0.00 1/9
cvflann::anyimpl::base_any_policy::~~base_any_policy() [30]
-----
0.00 0.00 1/1 std::allocator<int>::allocator() [75]
[73] 0.0 0.00 0.00 1 __gnu_cxx::new_allocator<int>::new_allocator() [73]
-----
0.00 0.00 1/1 std::allocator<int>::~~allocator() [76]

```

```

[74]      0.0    0.00    0.00      1      __gnu_cxx::new_allocator<int>::~new_allocator() [74]
-----
          0.00    0.00      1/1          std::_Vector_base<int, std::allocator<int>
>::_Vector_impl::_Vector_impl() [78]
[75]      0.0    0.00    0.00      1      std::allocator<int>::allocator() [75]
          0.00    0.00      1/1          __gnu_cxx::new_allocator<int>::~new_allocator()
[73]
-----
          0.00    0.00      1/1          std::_Vector_base<int, std::allocator<int>
>::_Vector_impl::~~Vector_impl() [79]
[76]      0.0    0.00    0.00      1      std::allocator<int>::~~allocator() [76]
          0.00    0.00      1/1          __gnu_cxx::new_allocator<int>::~~new_allocator() [74]
-----
          0.00    0.00      1/1          void std::_Destroy<int*>(int*, int*) [86]
[77]      0.0    0.00    0.00      1      void
std::_Destroy_aux<true>::_destroy<int*>(int*, int*) [77]
-----
          0.00    0.00      1/1          std::_Vector_base<int, std::allocator<int>
>::_Vector_base() [82]
[78]      0.0    0.00    0.00      1      std::_Vector_base<int, std::allocator<int>
>::_Vector_impl::_Vector_impl() [78]
          0.00    0.00      1/1          std::allocator<int>::allocator() [75]
-----
          0.00    0.00      1/1          std::_Vector_base<int, std::allocator<int>
>::~~Vector_base() [83]
[79]      0.0    0.00    0.00      1      std::_Vector_base<int, std::allocator<int>
>::_Vector_impl::~~Vector_impl() [79]
          0.00    0.00      1/1          std::allocator<int>::~~allocator() [76]
-----
          0.00    0.00      1/1          std::_Vector_base<int, std::allocator<int>
>::~~Vector_base() [83]
[80]      0.0    0.00    0.00      1      std::_Vector_base<int, std::allocator<int>
>::_M_deallocate(int*, unsigned long) [80]
-----
          0.00    0.00      1/1          std::vector<int, std::allocator<int>
>::~~vector() [85]
[81]      0.0    0.00    0.00      1      std::_Vector_base<int, std::allocator<int>
>::_M_get_Tp_allocator() [81]
-----
          0.00    0.00      1/1          std::vector<int, std::allocator<int>
>::vector() [84]
[82]      0.0    0.00    0.00      1      std::_Vector_base<int, std::allocator<int>
>::_Vector_base() [82]
          0.00    0.00      1/1          std::_Vector_base<int, std::allocator<int>
>::_Vector_impl::_Vector_impl() [78]
-----
          0.00    0.00      1/1          std::vector<int, std::allocator<int>
>::~~vector() [85]
[83]      0.0    0.00    0.00      1      std::_Vector_base<int, std::allocator<int>
>::~~Vector_base() [83]
          0.00    0.00      1/1          std::_Vector_base<int, std::allocator<int>
>::_M_deallocate(int*, unsigned long) [80]

```

```

0.00  0.00  1/1  std::_Vector_base<int, std::allocator<int>
>::_Vector_impl::~_Vector_impl() [79]
-----
0.00  0.00  1/1  main [1]
[84]  0.0  0.00  0.00  1  std::vector<int, std::allocator<int> >::vector()
[84]
0.00  0.00  1/1  std::_Vector_base<int, std::allocator<int>
>::_Vector_base() [82]
-----
0.00  0.00  1/1  main [1]
[85]  0.0  0.00  0.00  1  std::vector<int, std::allocator<int> >::~~vector()
[85]
0.00  0.00  1/1  std::_Vector_base<int, std::allocator<int>
>::_M_get_Tp_allocator() [81]
0.00  0.00  1/1  void std::_Destroy<int*, int>(int*, int*,
std::allocator<int>&) [87]
0.00  0.00  1/1  std::_Vector_base<int, std::allocator<int>
>::~~_Vector_base() [83]
-----
0.00  0.00  1/1  void std::_Destroy<int*, int>(int*, int*,
std::allocator<int>&) [87]
[86]  0.0  0.00  0.00  1  void std::_Destroy<int*>(int*, int*) [86]
0.00  0.00  1/1  void
std::_Destroy_aux<true>::___destroy<int*>(int*, int*) [77]
-----
0.00  0.00  1/1  std::vector<int, std::allocator<int>
>::~~vector() [85]
[87]  0.0  0.00  0.00  1  void std::_Destroy<int*, int>(int*, int*,
std::allocator<int>&) [87]
0.00  0.00  1/1  void std::_Destroy<int*>(int*, int*) [86]
-----

```

This table describes the call tree of the program, and was sorted by the total amount of time spent in each function and its children.

Each entry in this table consists of several lines. The line with the index number at the left hand margin lists the current function. The lines above it list the functions that called this function, and the lines below it list the functions this one called.

This line lists:

index A unique number given to each element of the table.

Index numbers are sorted numerically.

The index number is printed next to every function name so it is easier to look up where the function is in the table.

% time This is the percentage of the `total' time that was spent in this function and its children. Note that due to different viewpoints, functions excluded by options, etc, these numbers will NOT add up to 100%.

self This is the total amount of time spent in this function.

children This is the total amount of time propagated into this

function by its children.

called This is the number of times the function was called.

If the function called itself recursively, the number only includes non-recursive calls, and is followed by a '+' and the number of recursive calls.

name The name of the current function. The index number is printed after it. If the function is a member of a cycle, the cycle number is printed between the function's name and the index number.

For the function's parents, the fields have the following meanings:

self This is the amount of time that was propagated directly from the function into this parent.

children This is the amount of time that was propagated from the function's children into this parent.

called This is the number of times this parent called the function '/' the total number of times the function was called. Recursive calls to the function are not included in the number after the '/'.

name This is the name of the parent. The parent's index number is printed after it. If the parent is a member of a cycle, the cycle number is printed between the name and the index number.

If the parents of the function cannot be determined, the word '<spontaneous>' is printed in the 'name' field, and all the other fields are blank.

For the function's children, the fields have the following meanings:

self This is the amount of time that was propagated directly from the child into the function.

children This is the amount of time that was propagated from the child's children to the function.

called This is the number of times the function called this child '/' the total number of times the child was called. Recursive calls by the child are not listed in the number after the '/'.

name This is the name of the child. The child's index number is printed after it. If the child is a member of a cycle, the cycle number is printed between the name and the index number.

If there are any cycles (circles) in the call graph, there is an entry for the cycle-as-a-whole. This entry shows who called the cycle (as parents) and the members of the cycle (as children.) The '+' recursive calls entry shows the number of function calls that were internal to the cycle, and the calls entry for each member shows, for that member, how many times it was called from other members of the cycle.



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const&) [69] cvflann::anyimpl::typed_base_any_policy<int>::~typed_base_any_policy()
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[36] cv::_InputArray::_InputArray(cv::Mat const&) [14]
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