Function	Calls	MCycles	Avg	Self MCycles	Self Avg
⭐ /Main	1	23662.3189 (100%)	23662.3189	281.0967	281.0967
⊟ loop	301	23381.2222 (99%)	77.6785	2.1955	0.0073
wait key	300	12457.9704 (53%)	41.5266	12457.9704	41.5266
⊟ void Window::update(...)	300	7908.6178 (33%)	26.3621	2.1153	0.0071
⊟ void Pulse::onFrame(...)	300	4858.2785 (21%)	16.1943	0.6606	0.0022
⊟ previously detected faces	270	4128.2891 (17%)	15.2900	0.6873	0.0025
⊟ void Pulse::onFace(...)	261	4127.6018 (17%)	15.8146	2.6709	0.0102
⊟ void EvmGdownIIR::onFrame(...)	261	2143.9723 (9%)	8.2145	0.9199	0.0035
convert to 8 bit	261	942.6609 (4%)	3.6117	942.6609	3.6117
pyrDown	261	426.8611 (2%)	1.6355	426.8611	1.6355
pyrUp	261	312.9743 (1%)	1.1991	312.9743	1.1991
convert to float	261	305.0777 (1%)	1.1689	305.0777	1.1689
add back to original frame	261	144.4573 (1%)	0.5535	144.4573	0.5535
temporal filter	261	10.3946 (0%)	0.0398	10.3946	0.0398
amplify	261	0.6265 (0%)	0.0024	0.6265	0.0024
void cv::detrend(...)	261	1391.6119 (6%)	5.3318	1391.6119	5.3318
resize and draw face box back to frame	261	259.3229 (1%)	0.9936	259.3229	0.9936
resize face box	261	163.0081 (1%)	0.6246	163.0081	0.6246
void Pulse::draw(...)	261	103.9643 (0%)	0.3983	103.9643	0.3983
void cv::meanFilter(...)	261	28.0939 (0%)	0.1076	28.0939	0.1076
push back raw and timestamp	261	18.7002 (0%)	0.0716	18.7002	0.0716
void Pulse::peaks(...)	261	6.5398 (0%)	0.0251	6.5398	0.0251
void cv::normalization(...)	261	4.5289 (0%)	0.0174	4.5289	0.0174
void Pulse::bpm(...)	88	3.3012 (0%)	0.0375	3.3012	0.0375
shift raw and timestamp	171	1.8873 (0%)	0.0110	1.8873	0.0110
⊟ equal or more boxes than faces	30	441.1246 (2%)	14.7042	0.1775	0.0059
⊟ void Pulse::onFace(...)	30	440.8805 (2%)	14.6960	0.2918	0.0097
⊟ void EvmGdownIIR::onFrame(...)	30	226.4437 (1%)	7.5481	0.1201	0.0040
convert to 8 bit	29	99.2055 (0%)	3.4209	99.2055	3.4209
pyrDown	30	44.8945 (0%)	1.4965	44.8945	1.4965
convert to float	30	33.2546 (0%)	1.1085	33.2546	1.1085
pyrUp	29	32.3243 (0%)	1.1146	32.3243	1.1146
add back to original frame	29	15.4714 (0%)	0.5335	15.4714	0.5335
temporal filter	29	1.0718 (0%)	0.0370	1.0718	0.0370
amplify	29	0.0639 (0%)	0.0022	0.0639	0.0022
first	1	0.0376 (0%)	0.0376	0.0376	0.0376
void cv::detrend(...)	30	152.0189 (1%)	5.0673	152.0189	5.0673
resize and draw face box back to frame	30	24.7377 (0%)	0.8246	24.7377	0.8246
resize face box	30	18.3197 (0%)	0.6107	18.3197	0.6107
void Pulse::draw(...)	30	11.7584 (0%)	0.3919	11.7584	0.3919
void cv::meanFilter(...)	30	3.1375 (0%)	0.1046	3.1375	0.1046
push back raw and timestamp	30	2.0556 (0%)	0.0685	2.0556	0.0685
void Pulse::peaks(...)	30	0.7357 (0%)	0.0245	0.7357	0.0245

void Pulse::peaks(...)	30	0.7357 (0%)	0.0245	0.7357	0.0245
void cv::normalization(...)	30	0.6113 (0%)	0.0204	0.6113	0.0204
void Pulse::bpm(...)	13	0.5683 (0%)	0.0437	0.5683	0.0437
shift raw and timestamp	20	0.2019 (0%)	0.0101	0.2019	0.0101
void Pulse::Face::updateBox(...)	30	0.0489 (0%)	0.0016	0.0461	0.0015
void cv::interpolate(...)	30	0.0028 (0%)	0.0001	0.0028	0.0001
int Pulse::Face::nearestBox(...)	29	0.0177 (0%)	0.0006	0.0177	0.0006
detect faces	30	288.2041 (1%)	9.6068	288.2041	9.6068
imshow	300	2381.7817 (10%)	7.9393	2381.7817	7.9393
bgr2rgb	300	330.7533 (1%)	1.1025	330.7533	1.1025
rgb2bgr	300	328.7334 (1%)	1.0958	328.7334	1.0958
void Window::drawFps(...)	300	6.9556 (0%)	0.0232	0.7007	0.0023
fps drawing	300	5.9878 (0%)	0.0200	5.9878	0.0200
fps string	10	0.1634 (0%)	0.0163	0.1634	0.0163
bool Window::Fps::update()	300	0.1038 (0%)	0.0003	0.0987	0.0003
fps tick	10	0.0051 (0%)	0.0005	0.0051	0.0005
capture	301	2161.6192 (9%)	7.1815	2161.6192	7.1815
flip	300	850.8193 (4%)	2.8361	850.8193	2.8361

Function	Calls	Self MCycles	Self Avg
⭐ Functions sorted by self time			
wait key	300	12457.9704 (53%)	41.5266
imshow	300	2381.7817 (10%)	7.9393
capture	301	2161.6192 (9%)	7.1815
void cv::detrend(...)	291	1543.6308 (7%)	5.3046
convert to 8 bit	290	1041.8665 (4%)	3.5926
flip	300	850.8193 (4%)	2.8361
pyrDown	291	471.7555 (2%)	1.6212
pyrUp	290	345.2985 (1%)	1.1907
convert to float	291	338.3323 (1%)	1.1627
bgr2rgb	300	330.7533 (1%)	1.1025
rgb2bgr	300	328.7334 (1%)	1.0958
detect faces	30	288.2041 (1%)	9.6068
resize and draw face box back to frame	291	284.0606 (1%)	0.9762
/Main	1	281.0967 (1%)	281.0967
resize face box	291	181.3279 (1%)	0.6231
add back to original frame	290	159.9287 (1%)	0.5515
void Pulse::draw(...)	291	115.7227 (0%)	0.3977
void cv::meanFilter(...)	291	31.2314 (0%)	0.1073
push back raw and timestamp	291	20.7558 (0%)	0.0713
temporal filter	290	11.4665 (0%)	0.0395
void Pulse::peaks(...)	291	7.2755 (0%)	0.0250
fps drawing	300	5.9878 (0%)	0.0200
void cv::normalization(...)	291	5.1403 (0%)	0.0177
void Pulse::bpm(...)	101	3.8695 (0%)	0.0383
void Pulse::onFace(...)	291	2.9628 (0%)	0.0102
loop	301	2.1955 (0%)	0.0073
void Window::update(...)	300	2.1153 (0%)	0.0071
shift raw and timestamp	191	2.0891 (0%)	0.0109
void EvmGdownIIR::onFrame(...)	291	1.0400 (0%)	0.0036
void Window::drawFps(...)	300	0.7007 (0%)	0.0023
amplify	290	0.6904 (0%)	0.0024
previously detected faces	270	0.6873 (0%)	0.0025
void Pulse::onFrame(...)	300	0.6606 (0%)	0.0022
equal or more boxes than faces	30	0.1775 (0%)	0.0059
fps string	10	0.1634 (0%)	0.0163
bool Window::Fps::update()	300	0.0987 (0%)	0.0003
void Pulse::Face::updateBox(...)	30	0.0461 (0%)	0.0015
first	1	0.0376 (0%)	0.0376
int Pulse::Face::nearestBox(...)	29	0.0177 (0%)	0.0006
fps tick	10	0.0051 (0%)	0.0005
void cv::interpolate(...)	30	0.0028 (0%)	0.0001