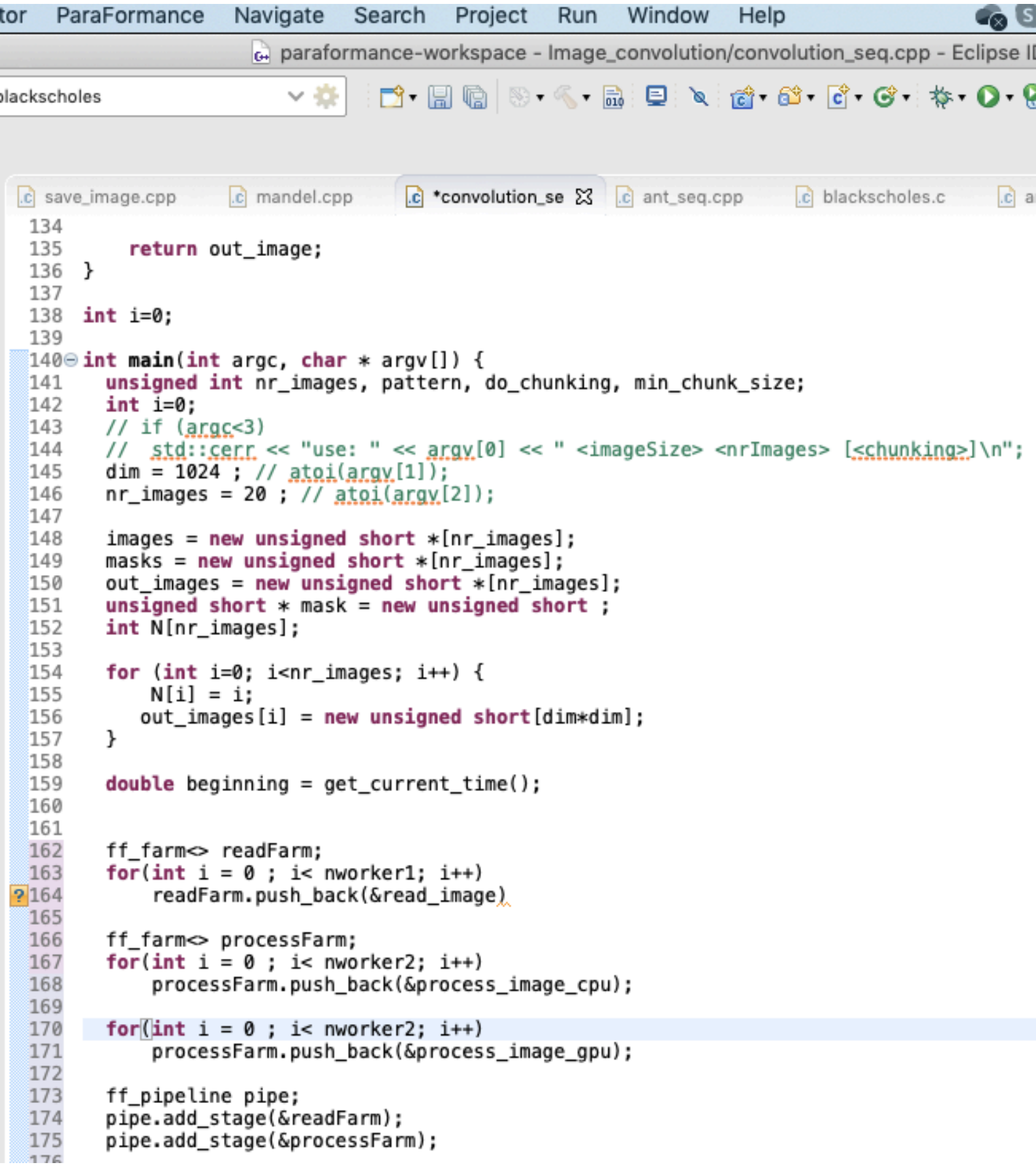
tor ParaFormance Navigate Search Project Run Window Help
paraformance-workspace - Image_convolution/convolution_seq.cpp - Eclipse I
blackscholes
save_image.cpp
mandel.cpp
*convolution_se
ant_seq.cpp
blackscholes.c
134
135 return out_image;
136 }
137
138 int i=0;
139
140 int main(int argc, char * argv[]) {
141 unsigned int nr_images, pattern, do_chunking, min_chunk_size;
142 int i=0;
143 // if (argc<3)
144 // std::cerr << "use: " << argv[0] << " <imageSize> <nrImages> [<chunking>]\n";
145 dim = 1024 ; // atoi(argv[1]);
146 nr_images = 20 ; // atoi(argv[2]);
147
148 images = new unsigned short *[nr_images];
149 masks = new unsigned short *[nr_images];
150 out_images = new unsigned short *[nr_images];
151 unsigned short * mask = new unsigned short ;
152 int N[nr_images];
153
154 for (int i=0; i<nr_images; i++) {
155 N[i] = i;
156 out_images[i] = new unsigned short[dim*dim];
157 }
158
159 double beginning = get_current_time();
160
161
162 ff_farm<> readFarm;
163 for(int i = 0 ; i< nworker1; i++)
164 readFarm.push_back(&read_image)
165
166 ff_farm<> processFarm;
167 for(int i = 0 ; i< nworker2; i++)
168 processFarm.push_back(&process_image_cpu);
169
170 for(int i = 0 ; i< nworker2; i++)
171 processFarm.push_back(&process_image_gpu);
172
173 ff_pipeline pipe;
174 pipe.add_stage(&readFarm);
175 pipe.add_stage(&processFarm);