

05-编译及运行问题收集

问题：执行kdtree搜索时报错

- 详情：执行kdtree搜索时报错如下

```
undefined reference to  
`pcl::search::Search<pcl::PointXYZ>::getName[abi:cxx11]() const'
```

- 解决：

添加如下include在文件开头

```
#include <pcl/search/impl/search.hpp>
```

问题：编译boost相关工程时报错

- 详情：

```
/usr/bin/ld: CMakeFiles/CalibrationCamera_ex.dir  
/CalibrationCamera_ex.cpp.o: undefined reference to symbol  
'_ZN5boost10filesystem6detail13dir_itr_closeERPvS3_'  
//usr/lib/x86_64-linux-gnu/libboost_filesystem.so.1.58.0: error  
adding symbols: DSO missing from command line  
collect2: error: ld returned 1 exit status  
src/CMakeFiles/CalibrationCamera_ex.dir/build.make:129: recipe for  
target '../build/debug/bin/CalibrationCamera_ex' failed
```

- 解决：

添加boost_filesystem在target_link_libraries

```
add_executable(CalibrationCamera_ex CalibrationCamera_ex.cpp )  
target_link_libraries(CalibrationCamera_ex ${OpenCV_LIBRARIES}  
boost_filesystem)
```