cmake\_minimum\_required(VERSION 2.8.3)

project(yocs\_velocity\_smoother)

find\_package(catkin REQUIRED COMPONENTS roscpp pluginlib nodelet ecl\_threads dynamic\_reconfigure geometry\_msgs nav\_msgs)

# Dynamic reconfigure support

generate\_dynamic\_reconfigure\_options(cfg/params.cfg)

catkin\_package(

INCLUDE\_DIRS include

LIBRARIES ${PROJECT\_NAME}\_nodelet

CATKIN\_DEPENDS roscpp pluginlib nodelet ecl\_threads dynamic\_reconfigure geometry\_msgs nav\_msgs

)

set(CMAKE\_CXX\_FLAGS "${CMAKE\_CXX\_FLAGS} -std=c++11")

include\_directories(include ${catkin\_INCLUDE\_DIRS})

# Nodelet library

add\_library(${PROJECT\_NAME}\_nodelet src/velocity\_smoother\_nodelet.cpp)

target\_link\_libraries(${PROJECT\_NAME}\_nodelet ${catkin\_LIBRARIES})

add\_dependencies(${PROJECT\_NAME}\_nodelet ${PROJECT\_NAME}\_gencfg)

install(TARGETS ${PROJECT\_NAME}\_nodelet

DESTINATION ${CATKIN\_PACKAGE\_LIB\_DESTINATION}

)

install(DIRECTORY include/${PROJECT\_NAME}/

DESTINATION ${CATKIN\_PACKAGE\_INCLUDE\_DESTINATION}

)

install(DIRECTORY plugins

DESTINATION ${CATKIN\_PACKAGE\_SHARE\_DESTINATION}

)

install(DIRECTORY launch

DESTINATION ${CATKIN\_PACKAGE\_SHARE\_DESTINATION}

)

install(DIRECTORY param

DESTINATION ${CATKIN\_PACKAGE\_SHARE\_DESTINATION}

)