

make px4fmu-v2\_default

Produced: 22/3/2018 3:04:50 PM

Mode: All

Left file: E:\make\_px4fmu-v2\_default\_4.log

Right file: E:\make\_px4fmu-v2\_default\_7.log

1	[make px4fmu-v2_default]	<>	1	[make distclean + make submodulesclean then make px4fmu-v2_default]
2		=	2	
3	Submodule 'src/lib/ecl' (https://github.com/PX4/ecl.git) registered for path 'src/lib/ecl'	+-		
4	Submodule path 'src/lib/ecl': checked out '78e983073a87c853d7e248f6f69a053af8a9e383'			
5	Submodule path 'src/lib/ecl/matrix': checked out 'e595ebb9a704c24aeae990dac768d26949fcaee0'			
6	Submodule 'src/lib/matrix' (https://github.com/PX4/Matrix.git) registered for path 'src/lib/matrix'			
7	Submodule path 'src/lib/matrix': checked out 'e595ebb9a704c24aeae990dac768d26949fcaee0'			
8	-- Build Type: MinSizeRel	=	3	-- Build Type: MinSizeRel
9	-- PX4 VERSION: v1.7.3-459-g623e16e		4	-- PX4 VERSION: v1.7.3-459-g623e16e
10	-- CONFIG: nuttx_px4fmu-v2_default		5	-- CONFIG: nuttx_px4fmu-v2_default
11	-- Build Type: MinSizeRel		6	-- Build Type: MinSizeRel
12	CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:79 (message):		7	CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:79 (message):
13	The CMAKE_FORCE_C_COMPILER macro is deprecated. Instead just set		8	The CMAKE_FORCE_C_COMPILER macro is deprecated. Instead just set
14	CMAKE_C_COMPILER and allow CMake to identify the compiler.		9	CMAKE_C_COMPILER and allow CMake to identify the compiler.
15	Call Stack (most recent call first):		10	Call Stack (most recent call first):
16	cmake/toolchains/Toolchain-arm-none-eabi.cmake:31 (cmake_force_c_compiler)		11	cmake/toolchains/Toolchain-arm-none-eabi.cmake:31 (cmake_force_c_compiler)
17	/usr/share/cmake3/Modules/CMakeDetermineSystem.cmake:98 (include)		12	/usr/share/cmake3/Modules/CMakeDetermineSystem.cmake:98 (include)
18	CMakeLists.txt:194 (project)		13	CMakeLists.txt:194 (project)
19			14	
20			15	
21	CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:93 (message):		16	CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:93 (message):
22	The CMAKE_FORCE_CXX_COMPILER macro is deprecated. Instead just set		17	The CMAKE_FORCE_CXX_COMPILER macro is deprecated. Instead just set
23	CMAKE_CXX_COMPILER and allow CMake to identify the compiler.		18	CMAKE_CXX_COMPILER and allow CMake to identify the compiler.
24	Call Stack (most recent call first):		19	Call Stack (most recent call first):
25	cmake/toolchains/Toolchain-arm-none-eabi.cmake:37 (cmake_force_cxx_compiler)		20	cmake/toolchains/Toolchain-arm-none-eabi.cmake:37 (cmake_force_cxx_compiler)

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26 /usr/share/cmake3/Modules/CMakeDetermineSystem.cmake:98
(include)
27   CMakeLists.txt:194 (project)
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(message):
31   The CMAKE_FORCE_C_COMPILER macro is deprecated.
Instead just set
32   CMAKE_C_COMPILER and allow CMake to identify the
compiler.
33 Call Stack (most recent call first):
34   cmake/toolchains/Toolchain-arm-none-eabi.cmake:31
(cmake_force_c_compiler)
35   build/px4fmu-
v2_default/CMakeFiles/3.6.3/CMakeSystem.cmake:6
(include)
36   CMakeLists.txt:194 (project)
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39 CMake Deprecation Warning at
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Instead just set
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44   build/px4fmu-
v2_default/CMakeFiles/3.6.3/CMakeSystem.cmake:6
(include)
45   CMakeLists.txt:194 (project)
46
47
48 -- The ASM compiler identification is GNU
49 -- Found assembler: /home/user/gcc-arm-none-eabi-7-
2017-q4-major/bin/arm-none-eabi-gcc
50 -- Found PythonInterp: /usr/bin/python (found version
"2.7.5")
51 -- Found PY_jinja2: /usr/lib/python2.7/site-
packages/jinja2
52 -- C compiler: arm-none-eabi-gcc (GNU Tools for Arm
Embedded Processors 7-2017-q4-major) 7.2.1 20170904
(release) [ARM/embedded-7-branch revision 255204]
53 -- C++ compiler: arm-none-eabi-g++ (GNU Tools for Arm
Embedded Processors 7-2017-q4-major) 7.2.1 20170904
(release) [ARM/embedded-7-branch revision 255204]
54 You need to run this command from the toplevel of the

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21 /usr/share/cmake3/Modules/CMakeDetermineSystem.cmake:98 (include)
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25 CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:79
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43 -- The ASM compiler identification is GNU
44 -- Found assembler: /home/user/gcc-arm-none-eabi-7-2017-q4-major/bin/arm-none-eabi-gcc
45 -- Found PythonInterp: /usr/bin/python (found version "2.7.5")
46 -- Found PY_jinja2: /usr/lib/python2.7/site-packages/jinja2
47 -- C compiler: arm-none-eabi-gcc (GNU Tools for Arm Embedded Processors 7-2017-q4-
major) 7.2.1 20170904 (release) [ARM/embedded-7-branch revision 255204]
48 -- C++ compiler: arm-none-eabi-g++ (GNU Tools for Arm Embedded Processors 7-2017-q4-
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49 You need to run this command from the toplevel of the working tree.

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55	working tree. You need to run this command from the toplevel of the working tree.		50	You need to run this command from the toplevel of the working tree.
56	You need to run this command from the toplevel of the working tree.		51	You need to run this command from the toplevel of the working tree.
57	You need to run this command from the toplevel of the working tree.	+-		
58	You need to run this command from the toplevel of the working tree.			
59	You need to run this command from the toplevel of the working tree.			
60	Submodule 'src/lib/DriverFramework' ( <a href="https://github.com/PX4/DriverFramework.git">https://github.com/PX4/DriverFramework.git</a> ) registered for path 'src/lib/DriverFramework'			
61	Submodule path 'src/lib/DriverFramework': checked out '29f386628af2c9dd6a95cb873d0624c0c58381'			
62	Submodule path 'src/lib/DriverFramework/dspal': checked out '9b46b4a57f230672ee0806a523963af70bc44f1c'			
63	Submodule path 'src/lib/DriverFramework/dspal/cmake_hexagon': checked out '07168bd5715818802b78f674816ec851307998a7'			
64	You need to run this command from the toplevel of the working tree.			
65	You need to run this command from the toplevel of the working tree.			
66	You need to run this command from the toplevel of the working tree.			
67	-- Building and including px4io-v2	=	52	-- Building and including px4io-v2
68	You need to run this command from the toplevel of the working tree.		53	You need to run this command from the toplevel of the working tree.
69	You need to run this command from the toplevel of the working tree.		54	You need to run this command from the toplevel of the working tree.
70	You need to run this command from the toplevel of the working tree.		55	You need to run this command from the toplevel of the working tree.
71	You need to run this command from the toplevel of the working tree.	+-		
72	You need to run this command from the toplevel of the working tree.			
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75	You need to run this command from the toplevel of the working tree.			
76	You need to run this command from the toplevel of the working tree.			
77	-- NuttX: px4fmu-v2 nsh cortex-m4	=	56	-- NuttX: px4fmu-v2 nsh cortex-m4
78	-- ROMFS: px4fmu_common		57	-- ROMFS: px4fmu_common
79	-- Configuring done		58	-- Configuring done
80	CMake Error at cmake/common/px4_base.cmake:547 (add_library):	+-		

81	Cannot find source file:		
82			
83	devices/src/gps_helper.cpp		
84			
85	Tried extensions .c .C .c++ .cc .cpp .cxx .m .M .mm		
	.h .hh .h++ .hm .hpp		
86	.hxx .in .txx		
87	Call Stack (most recent call first):		
88	cmake/common/px4_base.cmake:201 (px4_add_library)		
89	src/drivers/gps/CMakeLists.txt:36 (px4_add_module)		
90			
91			
92	CMake Error: CMake can not determine linker language for target: drivers_gps		
93	-- Generating done	=	59 -- Generating done
94	-- Build files have been written to: /home/user/px4/github/Firmware/build/px4fmu-v2_default		60 -- Build files have been written to: /home/user/px4/github/Firmware/build/px4fmu-v2_default
		<>	61 [1/616] Creating airframes.xml 62 [2/616] git submodule src/lib/ecl 63 [3/616] Generating uORB topic headers 64 [4/616] git submodule devices 65 You need to run this command from the toplevel of the working tree. 66 [5/616] Building px4io-v2 67 -- Build Type: MinSizeRel 68 -- PX4 VERSION: v1.7.3-459-g623e16e 69 -- CONFIG: nuttx_px4io-v2_default 70 -- Build Type: MinSizeRel 71 CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:79 (message): 72    The CMAKE_FORCE_C_COMPILER macro is deprecated. Instead just set 73    CMAKE_C_COMPILER and allow CMake to identify the compiler. 74 Call Stack (most recent call first): 75    cmake/toolchains/Toolchain-arm-none-eabi.cmake:31 (cmake_force_c_compiler) 76    /usr/share/cmake3/Modules/CMakeDetermineSystem.cmake:98 (include) 77    CMakeLists.txt:194 (project) 78 79 80 CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:93 (message): 81    The CMAKE_FORCE_CXX_COMPILER macro is deprecated. Instead just set 82    CMAKE_CXX_COMPILER and allow CMake to identify the compiler. 83 Call Stack (most recent call first): 84    cmake/toolchains/Toolchain-arm-none-eabi.cmake:37 (cmake_force_cxx_compiler) 85    /usr/share/cmake3/Modules/CMakeDetermineSystem.cmake:98 (include) 86    CMakeLists.txt:194 (project) 87 88 89 CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:79 (message): 90    The CMAKE_FORCE_C_COMPILER macro is deprecated. Instead just set 91    CMAKE_C_COMPILER and allow CMake to identify the compiler.

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95 /bin/sh: line 0: cd:
/home/user/px4/github/Firmware/build/px4fmu-v2_default:
No such file or directory

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92 Call Stack (most recent call first):
93   cmake/toolchains/Toolchain-arm-none-eabi.cmake:31 (cmake_force_c_compiler)
94   build/px4io-v2_default/CMakeFiles/3.6.3/CMakeSystem.cmake:6 (include)
95   CMakeLists.txt:194 (project)
96
97
98 CMake Deprecation Warning at /usr/share/cmake3/Modules/CMakeForceCompiler.cmake:93
(message):
99   The CMAKE_FORCE_CXX_COMPILER macro is deprecated. Instead just set
100   CMAKE_CXX_COMPILER and allow CMake to identify the compiler.
101 Call Stack (most recent call first):
102   cmake/toolchains/Toolchain-arm-none-eabi.cmake:37 (cmake_force_cxx_compiler)
103   build/px4io-v2_default/CMakeFiles/3.6.3/CMakeSystem.cmake:6 (include)
104   CMakeLists.txt:194 (project)
105
106
107 -- The ASM compiler identification is GNU
108 -- Found assembler: /home/user/gcc-arm-none-eabi-7-2017-q4-major/bin/arm-none-eabi-gcc
109 -- Found PythonInterp: /usr/bin/python (found version "2.7.5")
110 -- Found PY_jinja2: /usr/lib/python2.7/site-packages/jinja2
111 -- C compiler: arm-none-eabi-gcc (GNU Tools for Arm Embedded Processors 7-2017-q4-
major) 7.2.1 20170904 (release) [ARM/embedded-7-branch revision 255204]
112 -- C++ compiler: arm-none-eabi-g++ (GNU Tools for Arm Embedded Processors 7-2017-q4-
major) 7.2.1 20170904 (release) [ARM/embedded-7-branch revision 255204]
113 You need to run this command from the toplevel of the working tree.
114 You need to run this command from the toplevel of the working tree.
115 You need to run this command from the toplevel of the working tree.
116 You need to run this command from the toplevel of the working tree.
117 -- NuttX: px4io-v2 nsh cortex-m3
118 -- Configuring done
119 -- Generating done
120 -- Build files have been written to: /home/user/px4/github/Firmware/build/px4io-
v2_default
121 [1/158] Generating uORB topic headers
122 [2/158] Generating mixer_multicopter_6dof.generated.h
123 [3/158] Generating mixer_multicopter_normalized.generated.h
124 FAILED: cd /home/user/px4/github/Firmware/build/px4io-v2_default/src/lib/mixer &&
/usr/bin/python
/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py --
normalize -f
/home/user/px4/github/Firmware/src/lib/mixer/geometries/dodeca_bottom_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/dodeca_top_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_t.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_cox_wide.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_deadcat.toml

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/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_h.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_s250aq.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_vtail.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_wide.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_x_pusher.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_y.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/tri_y.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/twin_engine.toml -o
mixer_multirotor_normalized.generated.h
125 Traceback (most recent call last):
126   File
"/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",
line 336, in <module>
127     A, B = geometry_to_mix(geometry)
128   File
"/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",
line 182, in geometry_to_mix
129     At = geometry_to_thrust_matrix(geometry)
130   File
"/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",
line 166, in geometry_to_thrust_matrix
131     Ct=np.array([[rotor['Ct']] for rotor in geometry['rotors']])).T
132   File
"/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",
line 155, in thrust_matrix
133     ax = axis / np.linalg.norm(axis, axis=1)[:, np.newaxis]
134 TypeError: norm() got an unexpected keyword argument 'axis'
135 FAILED: cd /home/user/px4/github/Firmware/build/px4io-v2_default/src/lib/mixer &&
/usr/bin/python
/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py --
sixdof -f
/home/user/px4/github/Firmware/src/lib/mixer/geometries/dodeca_bottom_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/dodeca_top_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_t.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_cox_wide.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_deadcat.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_h.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_s250aq.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_vtail.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_wide.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_x_pusher.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_y.toml

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/home/user/px4/github/Firmware/src/lib/mixer/geometries/tri_y.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/twin_engine.toml -o
mixer_multirotor_6dof.generated.h
136 Traceback (most recent call last):
137   File
"/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",
line 336, in <module>
138     A, B = geometry_to_mix(geometry)
139   File
"/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",
line 182, in geometry_to_mix
140     At = geometry_to_thrust_matrix(geometry)
141   File
"/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",
line 166, in geometry_to_thrust_matrix
142     Ct=np.array([[rotor['Ct']] for rotor in geometry['rotors']])).T
143   File
"/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",
line 155, in thrust_matrix
144     ax = axis / np.linalg.norm(axis, axis=1)[:, np.newaxis]
145 TypeError: norm() got an unexpected keyword argument 'axis'
146 ninja: build stopped: subcommand failed.
make[1]: *** [px4io-v2_default] Error 1
148 [6/616] git submodule /home/user/px4/github/Firmware/mavlink/include/mavlink/v2.0
149 You need to run this command from the toplevel of the working tree.
150 [8/616] Generating mixer_multirotor_6dof.generated.h
151 FAILED: cd /home/user/px4/github/Firmware && make --no-print-directory px4io-
v2_default
152 FAILED: cd /home/user/px4/github/Firmware/build/px4fmu-v2_default/src/lib/mixer &&
/usr/bin/python
/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py --
sixdof -f
/home/user/px4/github/Firmware/src/lib/mixer/geometries/dodeca_bottom_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/dodeca_top_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_t.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/hex_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_cox.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_cox_wide.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/octa_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_deadcat.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_h.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_plus.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_s250aq.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_vtail.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_wide.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_x.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_x_pusher.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/quad_y.toml
/home/user/px4/github/Firmware/src/lib/mixer/geometries/tri_y.toml

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			<pre> /home/user/px4/github/Firmware/src/lib/mixer/geometries/twin_engine.toml -o mixer_multirotor_6dof.generated.h 153 Traceback (most recent call last): 154   File       "/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",       line 336, in &lt;module&gt; 155     A, B = geometry_to_mix(geometry) 156     File       "/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",       line 182, in geometry_to_mix 157     At = geometry_to_thrust_matrix(geometry) 158     File       "/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",       line 166, in geometry_to_thrust_matrix 159     Ct=np.array([[rotor['Ct']] for rotor in geometry['rotors']]).T 160     File       "/home/user/px4/github/Firmware/src/lib/mixer/geometries/tools/px_generate_mixers.py",       line 155, in thrust_matrix 161     ax = axis / np.linalg.norm(axis, axis=1)[:, np.newaxis] 162 TypeError: norm() got an unexpected keyword argument 'axis' 163 ninja: build stopped: subcommand failed. </pre>
96	make: *** [px4fmu-v2_default] Error 1	=	164 make: *** [px4fmu-v2_default] Error 1