Add Custom Message

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Prepare the package	
dea: create a new package for defining the new messages	
1. Create a new package. catkin_create_pkg custom_msg std_msgs	i.
2. roscd custom_msgs	
3. mkdir msg	
4. echo "unit16[] data" > msg/Customized_Data.msg	
5. In custom_msg/package.xml you should write	
<pre>build_depend>message_generation exec_depend>message_runtime</pre>	
1. In custom_msg/CMakeLists.txt you should write	
ind_package(catkin REQUIRED COMPONENTS roscpp rospy std_msgs	message_generation
atkin_package(CATKIN_DEPENDS message_runtime)	
dd_message_files(FILES msg/Customized_Data.msg)	
enerate_messages(DEPENDENCIES std_msgs)	

- 1. Rebuild with a catkin_make.
- 2. In order to use the new message

2 Use the new message

```
1. Add in the myPackage/CMakeLists.txt the following line find_package(catkin REQUIRED COMPONENTS ... custom_msgs) include_directories(include ${catkin_INCLUDE_DIRS}) target_link_libraries(talker ${catkin_LIBRARIES}) add_dependencies(talker custom_msgs_generate_messages_cpp)

1. Add in the myPackage/package.xml the followind lines:
```

- <build_depend>custom_msgs</build_depend>
- <build_depend>custom_msgs</build_depend>
 <exec_depend>custom_msgs</exec_depend>
 - 1. In the talker.cpp file include <custom_msg/Customized_Data>