

## Robotics Systems Commons - Enhancement #1055

### Provide protobuf java default suitable for preceise in FindProtoBuf

07/02/2012 05:45 PM - J. Moringen

<b>Status:</b>	Resolved	<b>Start date:</b>	07/02/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	J. Wienke	<b>% Done:</b>	100%
<b>Category:</b>	cmake	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	rsb-0.7		

#### Description

The FindProto... macro does not seem to work on Ubuntu Precise.

#### CMake Output

```
CMake Error at java/CMakeLists.txt:8 (MESSAGE):
  protobuf java library not found
```

See [https://ci.cor-lab.org/job/rsb-integrationtest-trunk/label=ubuntu\\_precise\\_32bit/1455/console](https://ci.cor-lab.org/job/rsb-integrationtest-trunk/label=ubuntu_precise_32bit/1455/console)

#### Installed packages

```
jmorning@precise32:~$ dpkg -l '*proto*'
```

```
||/ Name                               Version                               Description
+++=====
=====
ii libprotobuf-dev                      2.4.1-1ubuntu2                      protocol buffers C++ library
(development files)
ii libprotobuf-java                     2.4.1-1ubuntu2                      Java bindings for protocol buffers
ii libprotobuf-lite7                    2.4.1-1ubuntu2                      protocol buffers C++ library (lite
version)
ii libprotobuf7                          2.4.1-1ubuntu2                      protocol buffers C++ library
ii libprotoc-dev                         2.4.1-1ubuntu2                      protocol buffers compiler library
(development files)
ii libprotoc7                            2.4.1-1ubuntu2                      protocol buffers compiler library
ii protobuf-c-compiler                  0.14-1build2                        protocol buffers C compiler
ii protobuf-compiler                    2.4.1-1ubuntu2                      compiler for protocol buffer
definition files
ii python-protobuf                       2.4.1-1ubuntu2                      Python bindings for protocol
buffers
ii python-ubuntuone-storageprotocol     3.0.0-0ubuntu1.1                    Python library for Ubuntu
One file storage and sharing service
un python2.7-protobuf                   <none>                               (no description available)
un python2.7-ubuntuone-storageprotocol  <none>                               (no description available)
un ubuntuone-storage-protocol           <none>                               (no description available)
```

In think the name of the JAR file may have changed in precise:

```
$ ls -l /usr/share/java/protobuf*
-rw-r--r-- 1 root root 349404 Dec 3 2011 /usr/share/java/protobuf-java-2.4.1.jar
lrwxrwxrwx 1 root root 23 Dec 3 2011 /usr/share/java/protobuf-java.jar -> protobuf-java-2.4.1.jar
```

#### History

#1 - 07/03/2012 01:07 PM - J. Wienke

- Tracker changed from Bug to Enhancement

- Subject changed from CMake FindProto... macro seems to fail on Ubuntu Precise to Provide protobuf java default suitable for preceise in

*FindProtoBuf*

- *Status changed from New to In Progress*
- *Target version set to rsb-0.7*

**#2 - 07/03/2012 01:19 PM - J. Wienke**

- *Status changed from In Progress to Resolved*
- *% Done changed from 0 to 100*

Added the suitable default in r500.