

## MAUS - Bug #1246

### Install failure 0.5.0

02 April 2013 09:12 - Rogers, Chris

<b>Status:</b>	Closed	<b>Start date:</b>	02 April 2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Rogers, Chris	<b>% Done:</b>	100%
<b>Category:</b>	Build System	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	MAUS-v0.5.2		
<b>Workflow:</b>	New Issue		

**Description**

Sorry for bothering you with these problems.

I tried installing maus now and I got a fatal error. Here is the end of the file:

```
INFO: ok
INFO: Checking import of package bitarray
INFO: ok
INFO: Checking import of package matplotlib
Traceback (most recent call last):
  File "<string>", line 1, in <module>
ImportError: No module named matplotlib
FATAL: Failed to install python module matplotlib
WARNING: MAUS already setup
scons: Reading SConscript files ...
Checking whether the C++ compiler worksyes
Checking for C++ library json... no
ERROR: Couldn't find jsoncpp.
scons: Reading SConscript files ...
Checking whether the C++ compiler worksyes
Checking for C++ library json... no
ERROR: Couldn't find jsoncpp.
FAIL! See logs.x
FAIL Failed to make MAUS using scons. Fatal error - aborting
```

Please help if you know the solution and have time. Let me know if you need more info.

### History

#### #1 - 02 April 2013 09:13 - Rogers, Chris

Could you send me the file install.log in your build directory?

#### #2 - 02 April 2013 10:26 - Rogers, Chris

- File install.log added

(attached install.log)

Offending lines are:

```
INFO: Installing matplotlib
Searching for matplotlib
Best match: matplotlib [unknown version]
Processing matplotlib.tar.gz
Running matplotlib/setup.py -q bdist_egg --dist-dir /tmp/ohansen/easy_install-Cmef06/matplotlib/egg-dist-tmp-U
ILxWS
X connection to localhost:10.0 broken (explicit kill or server shutdown).
basedirlist is: ['/usr/local', '/usr']
=====
BUILDING MATPLOTLIB
    matplotlib: 1.2.0
      python: 2.7.2 (default, Mar 28 2013, 16:35:40) [GCC 4.1.2
              20080704 (Red Hat 4.1.2-54)]
```

```
platform: linux2
```

REQUIRED DEPENDENCIES

```
numpy: 1.5.0  
freetype2: 9.10.3
```

OPTIONAL BACKEND DEPENDENCIES

```
libpng: 1.2.10
```

Two things that might be going wrong - there is a complaint about a failed X11 connection and a notification of dependencies (but with no error message). So I would check the dependencies. numpy comes prepacked with MAUS and appears to be installed correctly (there is a line like

```
INFO: Checking import of package numpy
```

```
INFO: ok
```

somewhere in the log file). freetype2 I think on Scientific Linux comes in a package called "freetype" and you should check you have that installed.

If that is okay, then try forwarding X11 connections in the terminal where you are doing the install.

For comparison, there is a set of sample build logs here:

<http://micewww.pp.rl.ac.uk/maus/>

**#3 - 02 April 2013 12:53 - Hansen, Ole Martin**

Thanks a lot, Chris.

The X11 connection was the problem. Now it finished without any error.

**#4 - 02 April 2013 13:13 - Rogers, Chris**

- *Status changed from Open to Closed*

- *% Done changed from 0 to 100*

Well, I never knew that was an issue - you live and learn. Installation instructions updated accordingly.

Cheers,

Chris

**#5 - 26 April 2013 09:25 - Rogers, Chris**

- *Target version changed from Future MAUS release to MAUS-v0.5.2*

**Files**

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install.log	1.19 MB	02 April 2013	Rogers, Chris
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