

Network Tools - Bug #2173

ping import failing

12/16/2017 08:07 PM - Luke Murphey

Status:	Closed	Start date:	12/16/2017
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.2		

Description

Traceback (most recent call last):

```
File "ping.py", line 17, in <module>
    from network_tools_app.ping_network import ping_all
File "/opt/splunk/etc/apps/network_tools/bin/network_tools_app/ping_network.py", line 9, in <module>
    from modular_input.contrib import ipaddress
ImportError: No module named contrib
```

Associated revisions

Revision 240 - 12/16/2017 09:05 PM - lukemurphey

Fixing failed import

Reference #2173

History

#1 - 12/16/2017 08:10 PM - Luke Murphey

Odd, this works:

```
import os
import sys
sys.path.insert(0, 'modular_input.zip')
from modular_input.contrib import ipaddress
```

#2 - 12/16/2017 09:23 PM - Luke Murphey

- Status changed from New to Closed

- % Done changed from 0 to 100

Observations:

1. This works on Mac for some reason; but not on Windows and Linux
2. You can import things like "Field" but not from the contrib directory #

Questions:

1. Does making the path absolute make it work?
 1. No
2. Is the modular input library valid\
3. Can fields be imported
 1. No: this fails: from modular_input.fields import Field

4. Does zipimport work? <https://pymotw.com/2/zipimport/>

1. Yes

```
path_to_mod_input_lib = os.path.join(os.path.dirname(os.path.abspath(file)), './modular_input.zip')
import zipimport
```

```
importer = zipimport.zipimporter(path_to_mod_input_lib)
modular_input = importer.load_module('modular_input')
```