Network programmability

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Problem faced

```
kyambogo university@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang/models (master)
$ pyang -f tree ietf-interfaces.yang
bash: /c/Users/kyambogo university/AppData/Local/Programs/Python/Python37-32/Scripts/pyang: c:\users\kyambogo: bad interpreter: No such file or directory

kyambogo university@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang/models (master)
$
```

Solution

There should be no space in the current account name eg ~~Kyambogo University,~~ best devnet

```
(venv)
devnet@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang (master)
$ pip install yang
Collecting yang
  Downloading https://files.pythonhosted.org/packages/95/cc/ee4634b0ce0fb08118f974fa5b4e11f8c99054e176da983d0484aed1dbf2/yan
g-1.0.0.zip
Installing collected packages: yang
  Running setup.py install for yang: started
    Running setup.py install for yang: finished with status 'done'
Successfully installed yang-1.0.0
You are using pip version 19.0.3, however version 19.1.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
(venv)
devnet@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang (master)
$ ^C
(venv)
devnet@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang (master)
$ python -m pip install --upgrade pip
Collecting pip
  Downloading https://files.pythonhosted.org/packages/5c/e0/be401c003291b56efc55aeba6a80ab790d3d4cece2778288d65323009420/pip
-19.1.1-py2.py3-none-any.whl (1.4MB)
Could not install packages due to an EnvironmentError: [Errno 28] No space left on device

You are using pip version 19.0.3, however version 19.1.1 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.
(venv)
devnet@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang (master)
$ cd yang
bash: cd: yang: No such file or directory
(venv)
devnet@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang (master)
```

```
devnet@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang (master)
$ ls models
cisco-gigabit-model.txt              cisco-xe-ietf-ipv4-unicast-routing-deviation.yang    ietf-routing.yang
Cisco-IOS-XE-ethernet.yang           cisco-xe-openconfig-if-ethernet-deviation.yang       opencofig-if-aggregate.yang
Cisco-IOS-XE-features.yang           cisco-xe-openconfig-if-ethernet-ext.yang             opencofig-if-ethernet.yang
Cisco-IOS-XE-interface-common.yang   cisco-xe-openconfig-if-ip-deviation.yang             opencofig-if-ip.yang
Cisco-IOS-XE-interfaces.yang         cisco-xe-openconfig-interfaces-deviation.yang        opencofig-if-ip-ext.yang
Cisco-IOS-XE-interfaces-oper.yang    cisco-xe-openconfig-interfaces-ext.yang              opencofig-inet-types.yang
Cisco-IOS-XE-ip.yang                 ietf-inet-types.yang                                 opencofig-interfaces.yang
Cisco-IOS-XE-native.yang             ietf-interfaces.yang                                 temp.txt
Cisco-IOS-XE-types.yang              ietf-ip.yang
cisco-xe-ietf-ip-deviation.yang      ietf-ipv4-unicast-routing.yang
(venv)
devnet@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang (master)
$ cd models
(venv)
devnet@DESKTOP-OELPN4N MINGW64 ~/code/dnav3-code/intro-mdp/yang/models (master)
$ pyang -f tree ietf-interfaces.yang
module: ietf-interfaces
  +--rw interfaces
```