



vishav26
Observer

01-29-2018 11:36 AM

5,575 Views

Registered: 11-07-2017

petalinux-create command not found

Hello,

I have installed PetaLinux and all the required dependencies and now trying to create a project using zybo BSP. But I am unable to create the project as it throws an error, "petalinux-create: command not found"

I am running the following command to create the project,

```
vishav@vishav-System-Product-Name:~/PetaLinux$ petalinux-create -t project -s/home/vishav/Downloads/xilinx-zc702-v2017.4-final.bsp
```

the error is,

```
petalinux-create: command not found
```

pls help



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vish.bh30
Adventurer

01-29-2018 12:18 PM - edited 01-30-2018 11:08 PM

5,564 Views

Registered: 11-10-2017

Assuming you are using Ubuntu :

go to bash prompt and do

```
source /<petalinux_folder_path>/settings.sh
```

or

do what I did in Ubuntu :

In terminal type :

```
>> cd /etc
```

```
>> sudo gedit bash.bashrc
```

in the end of the file include these :

```
source /<petalinux_folder>/settings.sh
```

```
source /<Xilinx_folder_path>/settings64.sh
```

save and exit file

now do this in terminal

```
>> sudo dpkg-reconfigure dash
```

when prompted choose : NO to select Bash as default prompt

in Ubuntu it is Dash by default

close and reopen terminal and type ...

```
>> /bin/sh
```

You should be able to see the petalinux- ... commands now as well as bash prompt.

Reason was : you need to source petalinux settings path every time you open a terminal and start bash prompt. By follwing above steps you made it part of the script , so every time you start terminal those settings are loaded. I prefer this one time fix personally.

let me know if the above steps helped or not. If it does do mark this as a solution.

 1 Kudo

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 patholden

Visitor

03-08-2018 08:35 PM

5,448 Views

Registered: 03-08-2018

I tried the suggestion here and I am still getting "validate_searchpath_action: command not found" when I try to either prepend or append or delete or print the searchpath. I'm running 2016.4 version of PetaLinux. The command line I'm using is as follows:

petalinux-config --searchpath --prepend MY-PROJ/components/

petalinux-config --searchpath --append MY-PROJ/components/

petalinux-config --searchpath --print fails as well.

I've been dealing with nonstop Xilinx issues for almost 2 weeks now. The documentation is horrendous, the commands change with different version and there's no follow-up release with new documentation. I try searching in the forums for issues I'm running into and in most cases when I find the issue, there is no follow-up resolution.

Any help would be most appreciated with accurate documentation for PetaLinux. I'm about to suggest to my hardware colleagues to stay clear of the Xilinx products moving forward.

 0 Kudos

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 vish.bh30

Adventurer

03-14-2018 07:59 AM

5,386 Views

Registered: 11-10-2017

I ahve not used the 2016 version, I am using 2017.3 version.

Did you tried doing echo \$PETALINUX ?

check what path comes in the output and if it is the correct path of the petalinux installation directory .. if it comes blank then the path is still not set and you need to source it

You can also do this : which you would need to do everytime you open terminal

go to bash prompt

>> /bin/sh

>> source <petalinux_installation_path>/settings.sh

Now check if you get the create command ?

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 vish.bh30

Adventurer

03-15-2018 05:30 AM

5,368 Views

Registered: 11-10-2017

@patholden

May i know what are you trying to do with petalinux-config ?? I tried petalinux-config --searchpath --print it gave me :

petalinux-config: line 546: validate_searchpath_action: command not found
Configures the project or the specified component with menuconfig.

May be coz i was not inside a petalinux project folder..

But the petalinux commands are present and working.

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 patholden

Visitor

03-15-2018 08:47 AM

5,360 Views

Registered: 03-08-2018

I was trying to set the searchpath to my local linux directory. I'm making changes to Linux to support a client's hardware design based on the Zynq. I'm using 2015-SVDK-12 development board. What I ended up doing to get things building is re-installing the PetaLinux tools. Then I ran into issues trying to program & recover flash. Turns out I need 2017.1 or higher to use the recovery tool, so I re-installed 2017.4 SDK & PetaLinux tools. So far, so good. I'm about to now test programming flash & booting Linux.

 0 Kudos

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 liwenz

Explorer

09-14-2018 11:49 AM
4,547 Views
Registered: 10-09-2017
I also:petalinux-create: command not found,can't show \$PETALINUX
petalinux 2018.2 ubuntu 16

```
root@ubuntu:/etc# netstat -an | more | grep udp
udp 11520 0 0.0.0.0:57134 0.0.0.0:*
udp 10752 0 127.0.1.1:53 0.0.0.0:*
udp 0 0 0.0.0.0:68 0.0.0.0:*
udp 0 0 0.0.0.0:69 0.0.0.0:*
udp 0 0 0.0.0.0:631 0.0.0.0:*
udp 0 0 0.0.0.0:48338 0.0.0.0:*
udp 0 0 0.0.0.0:5353 0.0.0.0:*
udp6 0 0 :::41822 :::*
udp6 20800 0 :::5353 :::*
udp6 31360 0 :::38255 :::*
root@ubuntu:/etc# exit
liwenz@ubuntu:~/xilnx_pro$ ./petalinux/settings.shPetaLinux environment set to /home/liwenz/petalinux
INFO: Checking free disk space
INFO: Checking installed tools
INFO: Checking installed development libraries
INFO: Checking network and other services
liwenz@ubuntu:~/xilnx_pro$ echo $PETALINUX

liwenz@ubuntu:~/xilnx_pro$ petalinux-create --type project --template zynq --name helloworld
petalinux-create: command not found
liwenz@ubuntu:~/xilnx_pro$
```

 0 Kudos

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