```
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots ros2 epuck robot lau
nch.py
[INFO] [launch]: All log files can be found below /home/taccoess/.ros/log/2023-
11-10-14-08-16-929935-taccoess-VirtualBox-3957
[INFO] [launch]: Default logging verbosity is set to INFO
Task exception was never retrieved
future: <Task finished name='Task-2' coro=<LaunchService._process_one_event() d
one, defined at /opt/ros/foxy/lib/python3.8/site-packages/launch/launch service
.py:226> exception=InvalidLaunchFileError('py')>
Traceback (most recent call last):
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
rces/any launch file utilities.py", line 53, in get launch description from any
launch file
    return loader(launch file path)
 File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
rces/python launch file utilities.py", line 62, in get launch description from
python launch file
    launch file module = load python launch file as module(python launch file p
ath)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
rces/python launch file utilities.py", line 37, in load python launch file as m
odule
    loader.exec module(mod)
  File "<frozen importlib. bootstrap external>", line 848, in exec module
  File "<frozen importlib. bootstrap>", line 219, in _call_with_frames_removed
  File "/home/taccoess/ros2 ws/install/webots ros2 epuck/share/webots ros2 epuc
```

### 1. Check Module Installation:

Ensure that the 'webots\_ros2\_driver' package is installed and available in your Python environment.

# 2. Sourcing the Workspace:

If you're using a ROS workspace, make sure it's properly sourced. Sometimes, missing environment variables or incorrect workspace setups can lead to these import issues.

# 3. Path Configuration:

Verify that the 'webots\_ros2\_driver' package is in the Python path. You might need to include the path to this package in the `PYTHONPATH` environment variable.

### 4. Dependency Installation:

Confirm that all the necessary dependencies for the 'webots\_ros2\_driver' package are vinstalled. Sometimes, even if the package is present, missing dependencies can cause

#### File Integrity:

Ensure that the 'robot\_launch.py' file is intact and not corrupted. Also, verify if the import path within the file is accurate.

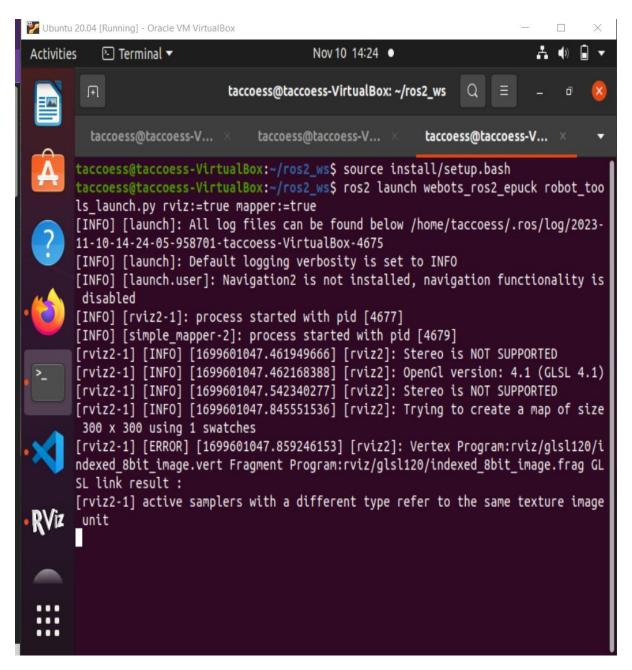
#### 6. ROS Launch File Check:

Double-check the launch file and its syntax for any errors. The error might not directly indicate a problem with the 'robot\_launch.py' file but could stem from a problem within launch file.

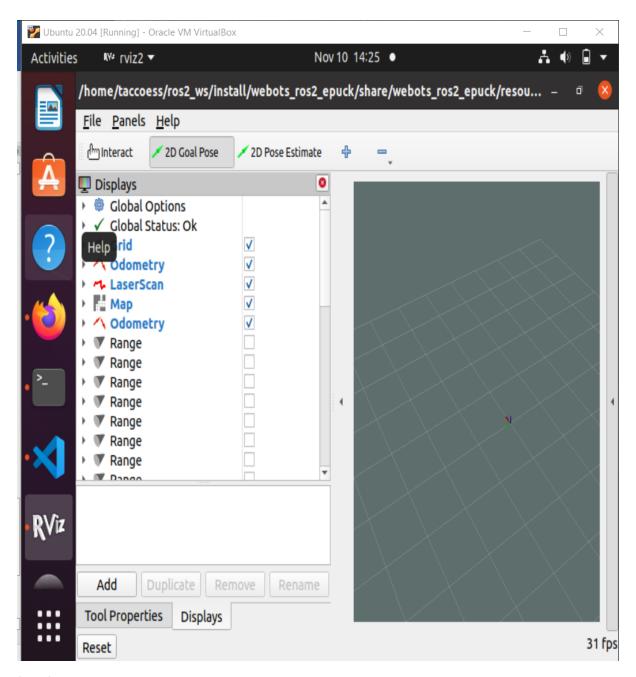
You might want to inspect 'robot\_launch.py' around line 29 where the import error is occurring, to confirm if the import statement is indeed referencing the correct module. If the issue persists, it might be worth seeking support from the package maintainers or community forums where this package is discussed to get more specific help regarding this error.

setelah diteliti bahwa modul dari webots\_ros2\_driver blum di install ke dalam python nya jadi terjadi eror

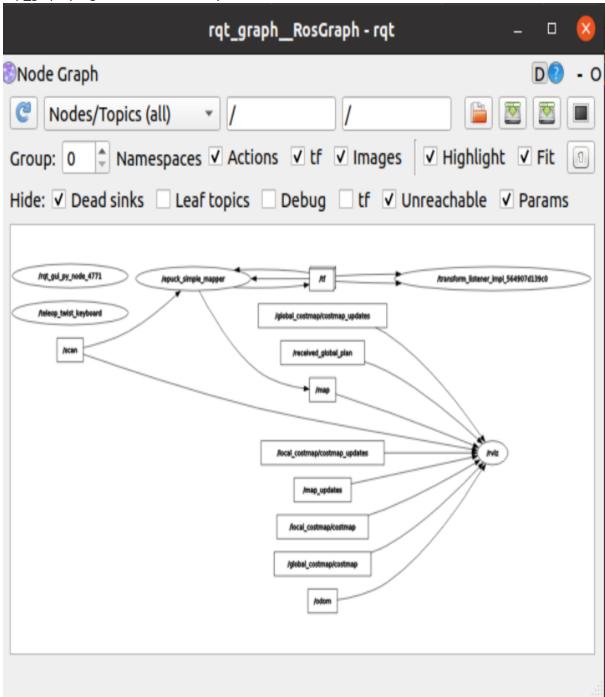
Lecture 3 vid 2 (8:00)



Ketika saya menjalan kan command itu work namun di Rviz nya tidak muncul apa2 tidak seperti di video youtube

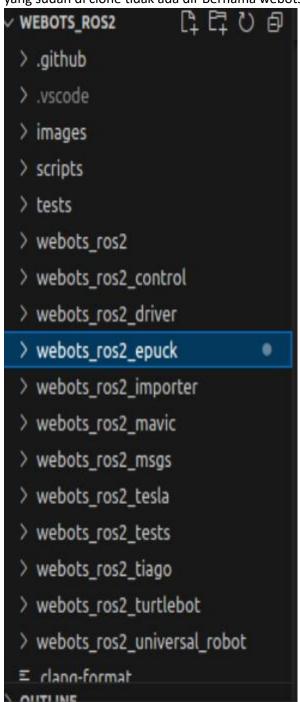


(9:48)

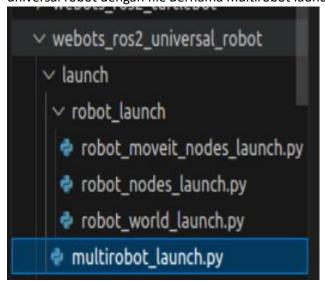


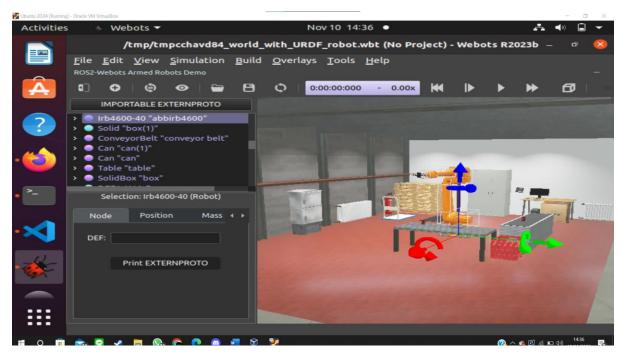
(13:58) diminta untuk menjalankan armed robot di dalam dir webots ros2 demos, sedangkan didalam dir

yang sudah di clone tidak ada dir Bernama webots ros2 demos



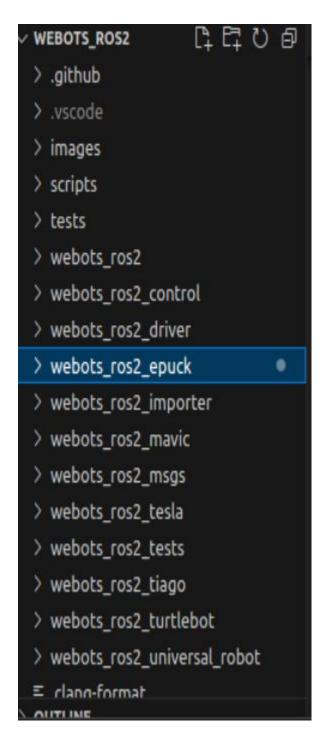
Tetapi nama yang ada di dir yang menunjukan itu adalah armed robot itu ada di dir webots ros2 universal robot dengan file Bernama multirobot launch.py





Lecture 3 vid 3 (3:36)

Dalam video youtube diminta untuk mengetest webots ros2 examples sedangkan di dalam dir git yang sudah di clone itu tidak ada dir Bernama webots ros2 examples



#### Catatan untuk Lecture 3

- 1. Video Tutorial YouTube itu tahun 2020 sedangkan kita menggunakan Webots 2023, dan gitclone yang berubah antara di video dengan yang sekarang, mungkin itu menjadi penyebab banyak nya eror dan sulit untuk diatasinya.
- 2. Entah kita harus memakai semua versi yang sama seperti didalam YouTube atau bagaimana saya juga bingung menemukan jawaban nya
- 3. Di dalam video ada beberapa file atau folder yang tidak ada dalam gitclonenya, dan ada juga yang berbeda penamaan dari file atau folder yang didalam video youtube dengan yang ada di git clone

Lecture 4 vid 4 (2:52)

```
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots ros2 epuck robot lau
nch.py
[INFO] [launch]: All log files can be found below /home/taccoess/.ros/log/2023-
11-10-14-08-16-929935-taccoess-VirtualBox-3957
[INFO] [launch]: Default logging verbosity is set to INFO
Task exception was never retrieved
future: <Task finished name='Task-2' coro=<LaunchService._process_one_event() d
one, defined at /opt/ros/foxy/lib/python3.8/site-packages/launch/launch service
.py:226> exception=InvalidLaunchFileError('py')>
Traceback (most recent call last):
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
rces/any launch file utilities.py", line 53, in get launch description from any
launch file
    return loader(launch file path)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch description sou
rces/python launch file utilities.py", line 62, in get launch description from
python launch file
    launch file module = load python launch file as module(python launch file p
ath)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
rces/python launch file utilities.py", line 37, in load python launch file as m
odule
    loader.exec module(mod)
  File "<frozen importlib. bootstrap external>", line 848, in exec_module
  File "<frozen importlib. bootstrap>", line 219, in _call_with_frames_removed
  File "/home/taccoess/ros2 ws/install/webots ros2 epuck/share/webots ros2 epuc
```

### 1. Check Module Installation:

Ensure that the 'webots\_ros2\_driver' package is installed and available in your Python environment.

# 2. Sourcing the Workspace:

If you're using a ROS workspace, make sure it's properly sourced. Sometimes, missing environment variables or incorrect workspace setups can lead to these import issues.

# 3. Path Configuration:

Verify that the 'webots\_ros2\_driver' package is in the Python path. You might need to include the path to this package in the `PYTHONPATH` environment variable.

### 4. Dependency Installation:

Confirm that all the necessary dependencies for the 'webots\_ros2\_driver' package are vinstalled. Sometimes, even if the package is present, missing dependencies can cause

#### File Integrity:

Ensure that the 'robot\_launch.py' file is intact and not corrupted. Also, verify if the import path within the file is accurate.

#### 6. ROS Launch File Check:

Double-check the launch file and its syntax for any errors. The error might not directly indicate a problem with the 'robot\_launch.py' file but could stem from a problem within launch file.

You might want to inspect 'robot\_launch.py' around line 29 where the import error is occurring, to confirm if the import statement is indeed referencing the correct module. If the issue persists, it might be worth seeking support from the package maintainers or community forums where this package is discussed to get more specific help regarding this error.

setelah diteliti bahwa modul dari webots\_ros2\_driver blum di install ke dalam python nya jadi terjadi eror

```
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots ros2 epuck robot lau
nch.py
[INFO] [launch]: All log files can be found below /home/taccoess/.ros/log/2023-
11-10-14-08-16-929935-taccoess-VirtualBox-3957
[INFO] [launch]: Default logging verbosity is set to INFO
Task exception was never retrieved
future: <Task finished name='Task-2' coro=<LaunchService._process_one_event() d
one, defined at /opt/ros/foxy/lib/python3.8/site-packages/launch/launch service
.py:226> exception=InvalidLaunchFileError('py')>
Traceback (most recent call last):
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
rces/any launch file utilities.py", line 53, in get launch description from any
launch file
    return loader(launch file path)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch description sou
rces/python launch file utilities.py", line 62, in get launch description from
python launch file
    launch file module = load python launch file as module(python launch file p
ath)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
rces/python launch file utilities.py", line 37, in load python launch file as m
odule
    loader.exec module(mod)
  File "<frozen importlib. bootstrap external>", line 848, in exec_module
  File "<frozen importlib. bootstrap>", line 219, in _call_with_frames_removed
  File "/home/taccoess/ros2 ws/install/webots ros2 epuck/share/webots ros2 epuc
```

### 1. Check Module Installation:

Ensure that the 'webots\_ros2\_driver' package is installed and available in your Python environment.

# 2. Sourcing the Workspace:

If you're using a ROS workspace, make sure it's properly sourced. Sometimes, missing environment variables or incorrect workspace setups can lead to these import issues.

# 3. Path Configuration:

Verify that the 'webots\_ros2\_driver' package is in the Python path. You might need to include the path to this package in the `PYTHONPATH` environment variable.

# 4. Dependency Installation:

Confirm that all the necessary dependencies for the 'webots\_ros2\_driver' package are vinstalled. Sometimes, even if the package is present, missing dependencies can cause

#### File Integrity:

Ensure that the 'robot\_launch.py' file is intact and not corrupted. Also, verify if the import path within the file is accurate.

#### 6. ROS Launch File Check:

Double-check the launch file and its syntax for any errors. The error might not directly indicate a problem with the 'robot\_launch.py' file but could stem from a problem within launch file.

You might want to inspect 'robot\_launch.py' around line 29 where the import error is occurring, to confirm if the import statement is indeed referencing the correct module. If the issue persists, it might be worth seeking support from the package maintainers or community forums where this package is discussed to get more specific help regarding this error.

setelah diteliti bahwa modul dari webots\_ros2\_driver blum di install ke dalam python nya jadi terjadi eror

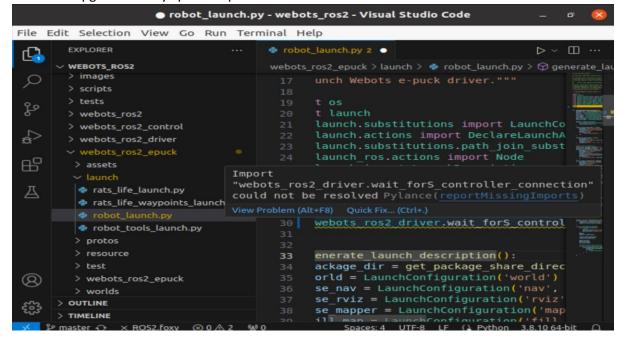
```
taccoess@taccoess-VirtualBox: ~/ros2 ws/src
 Ŧ
accoess@taccoess-VirtualBox:~$ cd ros2 ws
accoess@taccoess-VirtualBox:~/ros2 ws$ ls
ouild install log src
:accoess@taccoess-VirtualBox:~/ros2_ws$ cd src
:accoess@taccoess-VirtualBox:~/ros2 ws/src$ ls
ny_robot_controller webots_ros2
accoess@taccoess-VirtualBox:~/ros2 ws/src$ rmdir webots ros2
mdir: failed to remove 'webots ros2': Directory not empty
:accoess@taccoess-VirtualBox:~/ros2_ws/src$ rm -r webots ros2
m: remove write-protected regular file 'webots ros2/.git/objects/pack/pack
8e6f06bd5c5cf96599e2ac8507985867c6489.pack'?
m: remove write-protected regular file 'webots ros2/.git/objects/pack/pack
Re6f06bd5c5cf96599e2ac8507985867c6489.idx'? y
m: cannot remove 'webots ros2/.git/objects/pack': Directory not empty
:accoess@taccoess-VirtualBox:~/ros2_ws/src$ rm -r webots_ros2
m: remove write-protected regular file 'webots_ros2/.git/objects/pack/pack
Be6f06bd5c5cf96599e2ac8507985867c6489.pack'? yes
:accoess@taccoess-VirtualBox:~/ros2 ws/src$ ls
ny_robot_controller
:accoess@taccoess-VirtualBox:~/ros2_ws/src$
```

Mencoba menghapus ulang dir webots\_ros2 dan meng gitclone ulang

```
taccoess@taccoess-VirtualBox:~/ros2_ws$ colcon build
Starting >>> webots ros2 importer
Starting >>> webots ros2 msgs
Starting >>> my robot controller
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: Userk
arning: Usage of dash-separated 'script-dir' will not be supported in future ve
rsions. Please use the underscore name 'script dir' instead
  warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserN
arning: Usage of dash-separated 'install-scripts' will not be supported in futu
re versions. Please use the underscore name 'install scripts' instead
  warnings.warn(
--- stderr: webots ros2 importer
error: package directory 'webots ros2 importer/urdf2webots/urdf2webots' does no
t exist
Failed <<< webots ros2 importer [3.63s, exited with code 1]
Aborted <<< my robot controller [3.21s]
Aborted <<< webots ros2 msgs [6.98s]
Summary: 0 packages finished [10.5s]
  1 package failed: webots ros2 importer
  2 packages aborted: my robot controller webots ros2 msgs
  2 packages had stderr output: my robot controller webots ros2 importer
 10 packages not processed
```

ketika sudah saya gitclone dan meng colcon build terjadi error seperti ini dan setelah saya cari di chatgpt banyak masalah disana salah satu yang saya mengerti yaitu update dan upgrade ros **Update and Upgrade:** It might also be worth considering updating or upgrading your ROS environment or specific packages. Outdated packages can sometimes lead to compatibility issues.

```
`colcon build` failed (webots ros2 importer + 2)
                  /home/taccoess/ros2 ws
Processing to
Processing triggers for Man-ab (2.9.1-1) ...
Processing triggers for dbus (1.12.16-2ubuntu2.3) ...
raccoess@taccoess-VirtualBox:~/ros2 ws$ colcon build
starting >>> webots_ros2_importer
Starting >>> webots ros2 msgs
starting >>> my robot controller
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'script-dir' will not be supported in future ve
rsions. Please use the underscore name 'script dir' instead
 warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'install-scripts' will not be supported in futu
re worsions. Please use the underscore name 'install scripts' instead
 Help ings.warn(
-- stderr: webots ros2 importer
error: package directory 'webots ros2 importer/urdf2webots/urdf2webots' does no
 exist
ailed
        <<< webots_ros2_importer [2.65s, exited with code 1]</pre>
Aborted <<< my robot controller [2.27s]
Aborted <<< webots ros2 msgs [2.91s]
Summary: 0 packages finished [6.13s]
 1 package failed: webots ros2 importer
 2 packages aborted: my_robot_controller webots_ros2_msgs
 2 packages had stderr output: my_robot_controller webots ros2 importer
 10 packages not processed
accoess@taccoess-VirtualBox:~/ros2_ws$
```



Ada import yang missing dari salah satu file python dalam dir

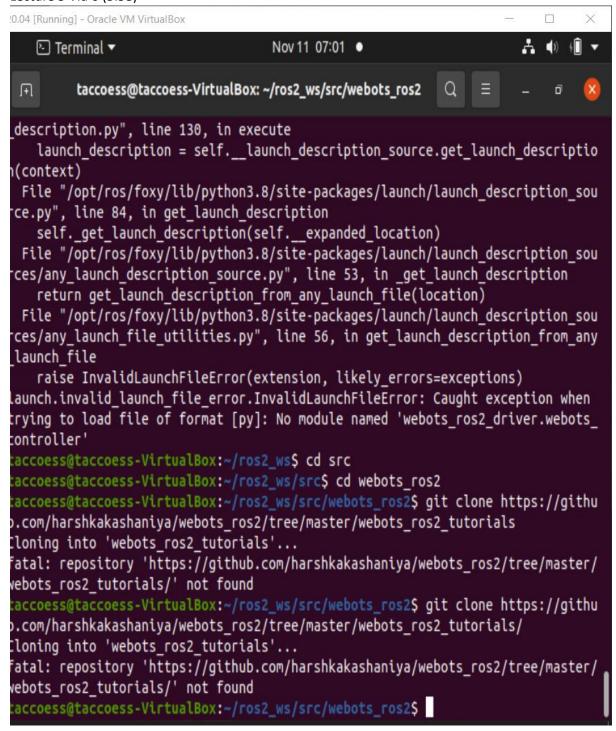
```
taccoess@taccoess-VirtualBox:~/ros2 ws$ ros2 launch webots ros2 epuck robot lau
nch.pv
[INFO] [launch]: All log files can be found below /home/taccoess/.ros/log/2023-
11-11-06-56-18-404752-taccoess-VirtualBox-25015
[INFO] [launch]: Default logging verbosity is set to INFO
Task exception was never retrieved
future: <Task finished name='Task-2' coro=<LaunchService. process one event() d
one, defined at /opt/ros/foxy/lib/python3.8/site-packages/launch/launch service
.py:226> exception=InvalidLaunchFileError('py')>
Traceback (most recent call last):
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch description sou
rces/any_launch_file_utilities.py", line 53, in get_launch_description_from_any
launch file
    return loader(launch file path)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
rces/python_launch_file_utilities.py", line 62, in get_launch_description_from_
python launch file
    launch_file_module = load_python_launch_file_as_module(python_launch_file_p
ath)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch description sou
rces/python launch file utilities.py", line 37, in load python launch file as m
odule
    loader.exec module(mod)
  File "<frozen importlib. bootstrap external>", line 848, in exec module
 File "<frozen importlib._bootstrap>", line 219, in _call_with_frames_removed
  File "/home/taccoess/ros2 ws/install/webots ros2 epuck/share/webots ros2 epuc
```

Dan ketika di test tidak jalan sama sekali

Catatan untuk Lecture 4

- 1. Video Tutorial YouTube itu tahun 2020 sedangkan kita menggunakan Webots 2023, dan gitclone yang berubah antara di video dengan yang sekarang, mungkin itu menjadi penyebab banyak nya eror dan sulit untuk diatasinya.
- 2. Banyak nya import missing didalam file py, maka terjadi beberapa file py yang error

### Lecture 5 Vid 6 (3:58)



Didalam dir webots\_ros2 tidak ada folder bernama webots ros2 tutorial maka kita meng gitclone yang ada di video 6 namun terjadi nya error.

```
taccoess@taccoess-VirtualBox: ~/ros2_ws/src/webots_ros2/...
b.com/harshkakashaniya/webots ros2/tree/master/webots ros2 tutorials
Cloning into 'webots ros2 tutorials'...
fatal: repository 'https://github.com/harshkakashaniya/webots_ros2/tree/master/
webots ros2 tutorials/' not found
taccoess@taccoess-VirtualBox:~/ros2 ws/src/webots ros2$ git clone https://githu
b.com/harshkakashaniya/webots ros2/tree/master/webots ros2 tutorials/
Cloning into 'webots ros2 tutorials'...
fatal: repository 'https://github.com/harshkakashaniya/webots ros2/tree/master/
webots ros2 tutorials/' not found
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2$ cd ...
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ rm -r webots ros2
rm: remove write-protected regular file 'webots ros2/.git/objects/pack/pack-828
58670e418a3da1f31bfd15ad74be2000405aa.pack'? yes
rm: remove write-protected regular file 'webots_ros2/.git/objects/pack/pack-828
58670e418a3da1f31bfd15ad74be2000405aa.idx'? yes
taccoess@taccoess-VirtualBox:~/ros2 ws/src$ git clone https://github.com/harshk
akashaniya/webots ros2
Cloning into 'webots ros2'...
remote: Enumerating objects: 7005, done.
remote: Counting objects: 100% (541/541), done.
remote: Compressing objects: 100% (29/29), done.
remote: Total 7005 (delta 514), reused 512 (delta 512), pack-reused 6464
Receiving objects: 100% (7005/7005), 50.85 MiB | 1.48 MiB/s, done.
Resolving deltas: 100% (4910/4910), done.
taccoess@taccoess-VirtualBox:~/ros2 ws/src$
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ ls
my_robot_controller webots_ros2
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ cd webots_ros2
```

Di dalam vid 6 ada kesamaan dalam foldernya maka saya remove git yang sebelumnya dan menggantikan dengan gitclone dari harshkakashaniya, namun ketika di colcon build hasilnya sama ada eror didalam nya

```
raccoess@taccoess-VirtualBox:~/ros2 ws$ colcon build
[2.806s] WARNING:colcon.colcon_core.package_selection:Some selected packages ar
already built in one or more underlay workspaces:
        'webots ros2 msgs' is in: /home/taccoess/ros2 ws/install/webots ros2 ms
s, /opt/ros/foxy
        'webots ros2 importer' is in: /opt/ros/foxy
If a package in a merged underlay workspace is overridden and it installs heade
rs, then all packages in the overlay must sort their include directories by wor
espace order. Failure to do so may result in build failures or undefined behavi
or at run time.
If the overridden package is used by another package in any underlay, then the
overriding package in the overlay must be API and ABI compatible or undefined b
chavior at run time may occur.
If you understand the risks and want to override a package anyways, add the fol
lowing to the command line:
       --allow-overriding webots ros2 importer webots ros2 msgs
This may be promoted to an error in a future release of colcon-override-check.
Starting >>> webots ros2 msgs
Starting >>> webots ros2 ur e description
starting >>> webots ros2 importer
starting >>> my robot controller
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'script-dir' will not be supported in future ve
rsions. Please use the underscore name 'script dir' instead
 warnings.warn(
```

```
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'install-scripts' will not be supported in futu
re versions. Please use the underscore name 'install scripts' instead
 warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'script-dir' will not be supported in future ve
rsions. Please use the underscore name 'script dir' instead
 warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'install-scripts' will not be supported in futu
re versions. Please use the underscore name 'install scripts' instead
 warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'script-dir' will not be supported in future ve
rsions. Please use the underscore name 'script dir' instead
 warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'install-scripts' will not be supported in futu
re versions. Please use the underscore name 'install scripts' instead
 warnings.warn(
--- stderr: webots ros2 importer
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserW
arning: Usage of dash-separated 'script-dir' will not be supported in future ve
rsions. Please use the underscore name 'script dir' instead
 warnings.warn(
error: package directory 'webots ros2 importer/urdf2webots/urdf2webots' does no
 exist
Failed <<< webots ros2 importer [3.18s, exited with code 1]
Failed <<< webots ros2 importer [3.18s, exited with code 1]
Aborted <<< my robot controller [3.37s]
Aborted <<< webots ros2 ur e description [3.91s]
Aborted <<< webots ros2 msgs [6.55s]
Summary: 0 packages finished [9.16s]
  1 package failed: webots ros2 importer
  3 packages aborted: my robot controller webots ros2 msgs webots ros2 ur e des
cription
```

ros2 ur e description

3 packages had stderr output: my robot controller webots ros2 importer webots

```
taccoess@taccoess-VirtualBox:~/ros2_ws$ source install/setup.bash
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots_ros2_tiago tiago.lau
nch.py
file 'tiago.launch.py' was not found in the share directory of package 'webots_
ros2_tiago' which is at '/opt/ros/foxy/share/webots_ros2_tiago'
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots_ros2_tiago tiago.lau
nch.py
file 'tiago.launch.py' was not found in the share directory of package 'webots_
ros2_tiago' which is at '/opt/ros/foxy/share/webots_ros2_tiago'
```

Ketika saya mencari file tersebut ada didalam src dan tidak kemana2

```
taccoess@taccoess-VirtualBox:~/ros2_ws$ cd src
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ cd webots ros2
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2$ ls
CODE OF CONDUCT.md webots ros2 abb
                                         webots ros2 msgs
CONTRIBUTING.md
                   webots ros2 core
                                         webots_ros2_tiago
locs
                   webots_ros2_demos
                                         webots_ros2_tutorials
ICENSE
                   webots_ros2_epuck
                                         webots ros2 universal robot
README.md
                   webots ros2 examples webots ros2 ur e description
webots_ros2
                   webots ros2 importer
taccoess@taccoess-VirtualBox:~/ros2 ws/src/webots ros2$ cd webots ros2 tiago
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2/webots_ros2_tiago$ ls
                                      setup.py worlds
CHANGELOG.srt package.xml resource
              README.md
                           setup.cfg test
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2/webots_ros2_tiago$ cd la
unch
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2/webots_ros2_tiago/launch
s ls
tiago.launch.py
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2/webots_ros2_tiago/launch
 S
```

Akhirnya saya menghapus kembali git clone dari harshkakashaniya ke cyberbotic

#### Catatan untuk Lecture 5

Saya melihat adanya kemiripan dari gitclone harshkakashaniya, didalam video 3-6, jadi saya mencoba untuk mengclone ulang git dari harshkakashaniya, namun hasilnya nihil mulai dari respitory yang tidak ditemukan lalu colcon build yang masih eror, dan penempatan file yang aneh menurut saya dikarenakan jika file dipanggil system mendeteksi bahwa file yang dipanggil berada di folder lain namun saat di cek memang tidak ada perubahan dalam folder asli, entah karena bug atau apa saya juga bingung dalam mencari solusinya.