

Lecture 3 video 2 (4.00)

```
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots_ros2_epuck robot_launch.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() done, 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_sources/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_sources/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_path)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sources/python_launch_file_utilities.py", line 37, in load_python_launch_file_as_module
    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 installed. Sometimes, even if the package is present, missing dependencies can cause

### 5. 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.

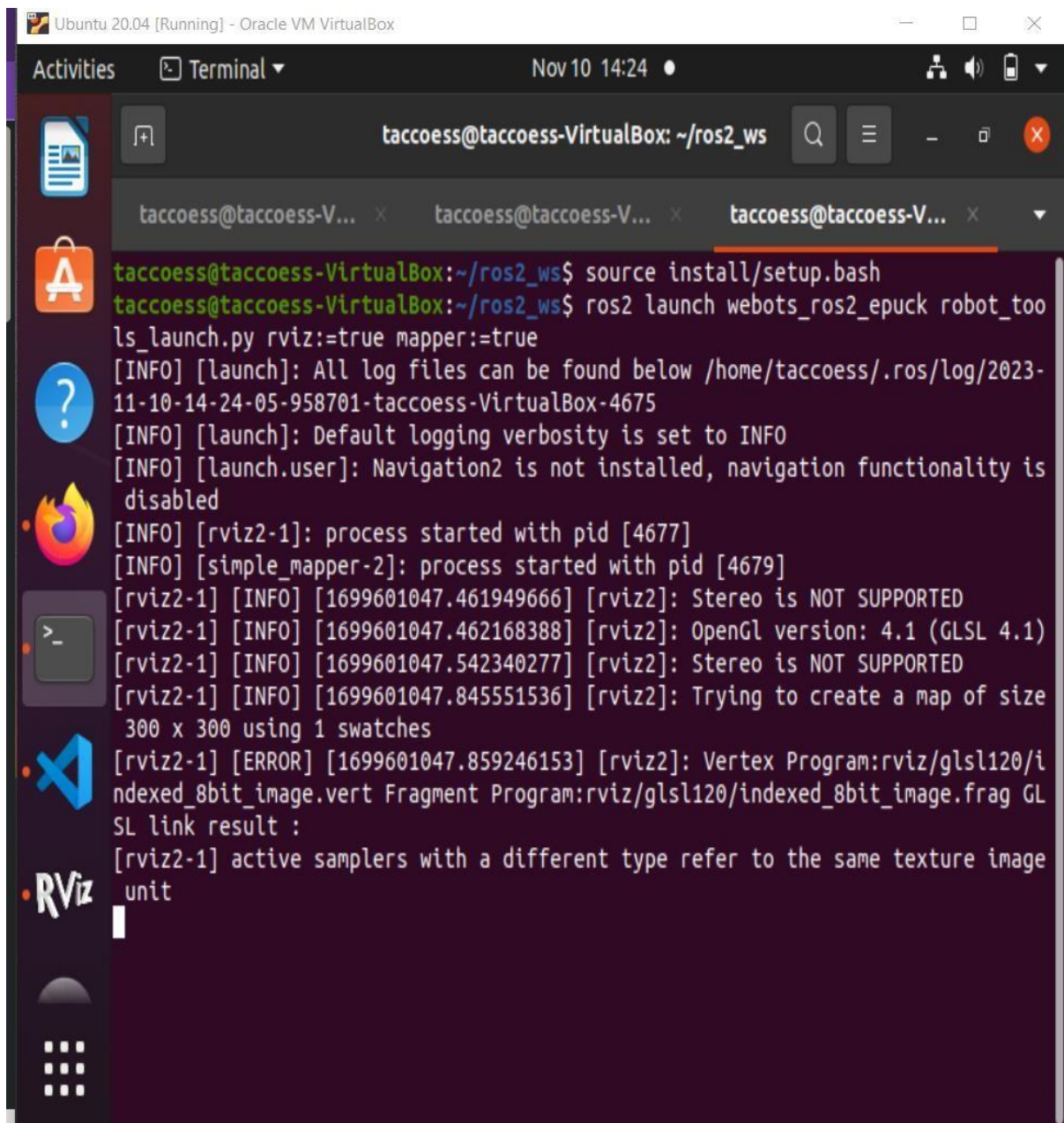
### 6. ROS Launch File Check:

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 the 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 error

Lecture 3 vid 2 (8:00)



The screenshot shows a terminal window titled "Ubuntu 20.04 [Running] - Oracle VM VirtualBox". The terminal prompt is `taccoess@taccoess-VirtualBox: ~/ros2_ws`. The user has executed the following commands:

```
taccoess@taccoess-VirtualBox:~/ros2_ws$ source install/setup.bash
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots_ros2_epuck robot_tools_launch.py rviz:=true mapper:=true
```

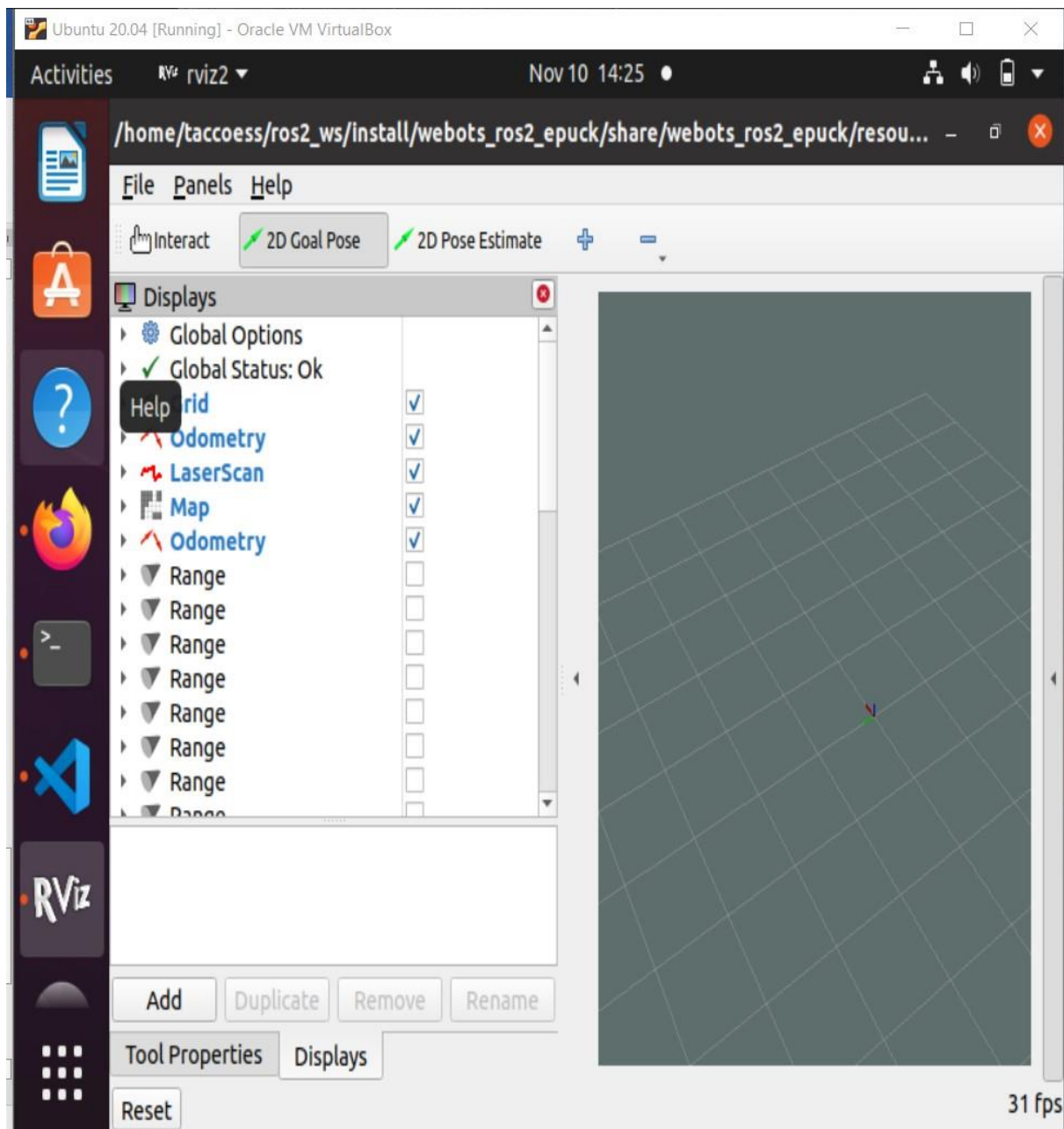
The output of the commands is as follows:

```
[INFO] [launch]: All log files can be found below /home/taccoess/.ros/log/2023-11-10-14-24-05-958701-taccoess-VirtualBox-4675
[INFO] [launch]: Default logging verbosity is set to INFO
[INFO] [launch.user]: Navigation2 is not installed, navigation functionality is disabled
[INFO] [rviz2-1]: process started with pid [4677]
[INFO] [simple_mapper-2]: process started with pid [4679]
[rviz2-1] [INFO] [1699601047.461949666] [rviz2]: Stereo is NOT SUPPORTED
[rviz2-1] [INFO] [1699601047.462168388] [rviz2]: OpenGL version: 4.1 (GLSL 4.1)
[rviz2-1] [INFO] [1699601047.542340277] [rviz2]: Stereo is NOT SUPPORTED
[rviz2-1] [INFO] [1699601047.845551536] [rviz2]: Trying to create a map of size 300 x 300 using 1 swatches
[rviz2-1] [ERROR] [1699601047.859246153] [rviz2]: Vertex Program:rviz/glsl120/indexed_8bit_image.vert Fragment Program:rviz/glsl120/indexed_8bit_image.frag GLSL link result :
[rviz2-1] active samplers with a different type refer to the same texture image unit
```

The terminal window also shows a sidebar with application icons (Activities, Terminal, Files, Firefox, VS Code, and RViz) and a top bar with system status (Nov 10 14:24).

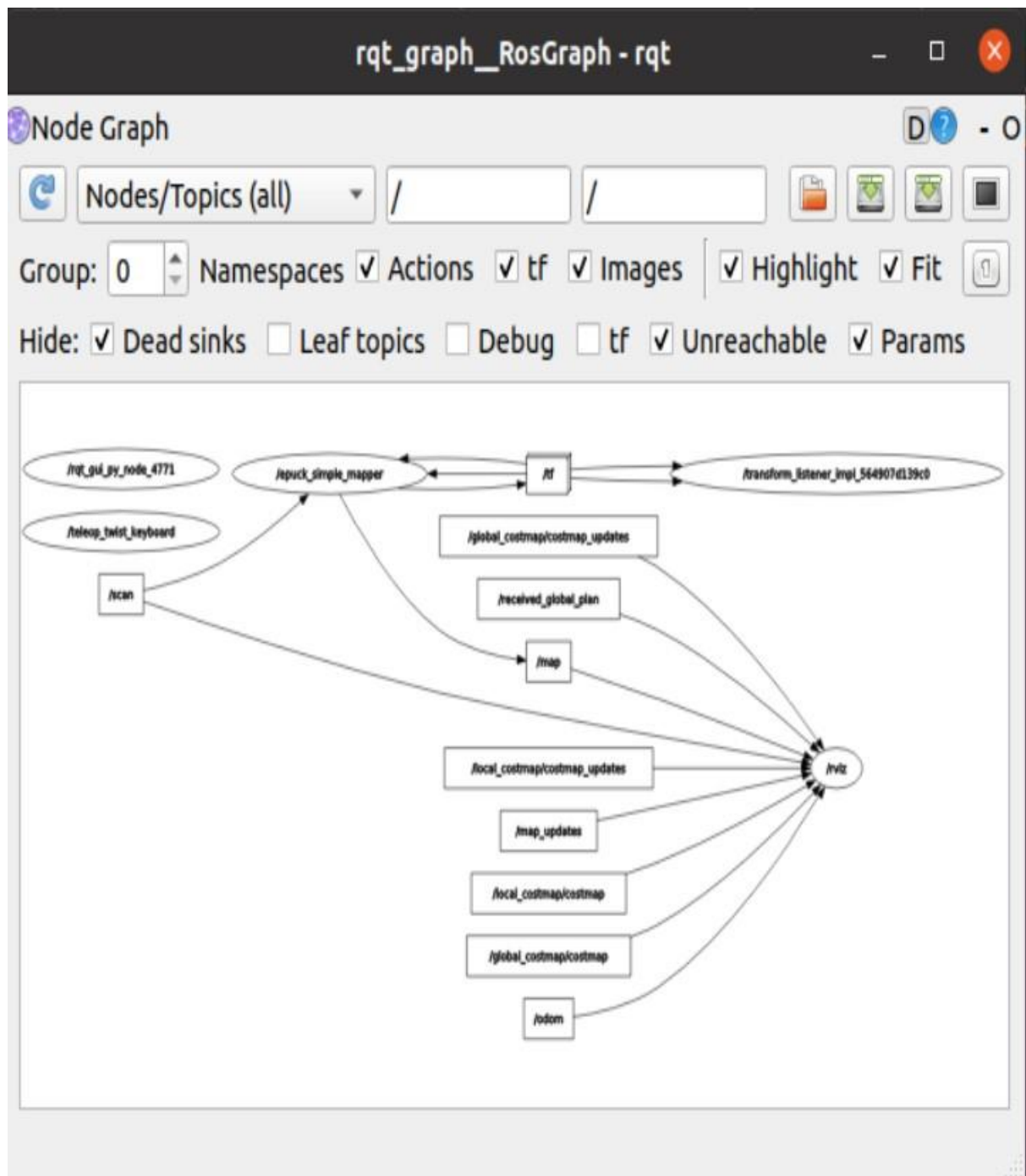
Ketika saya menjalankan command itu work namun di Rviz nya tidak muncul apa2 tidak seperti di video youtube





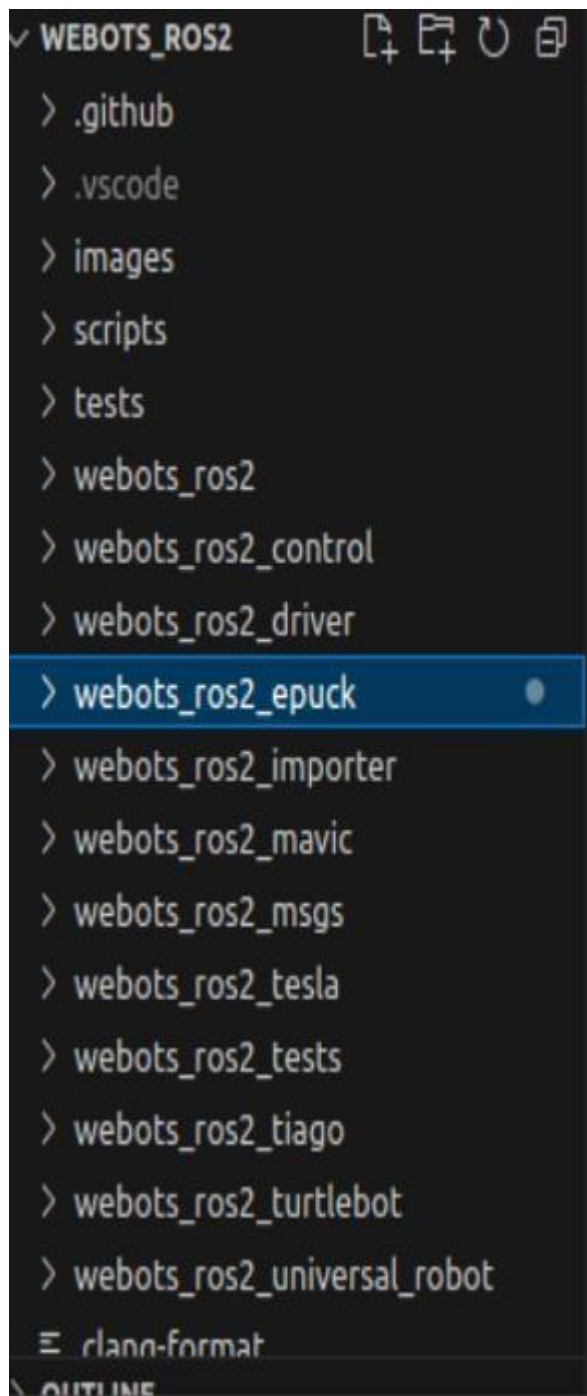
(9:48)

Rqt\_graph yang berbeda dari video youtube

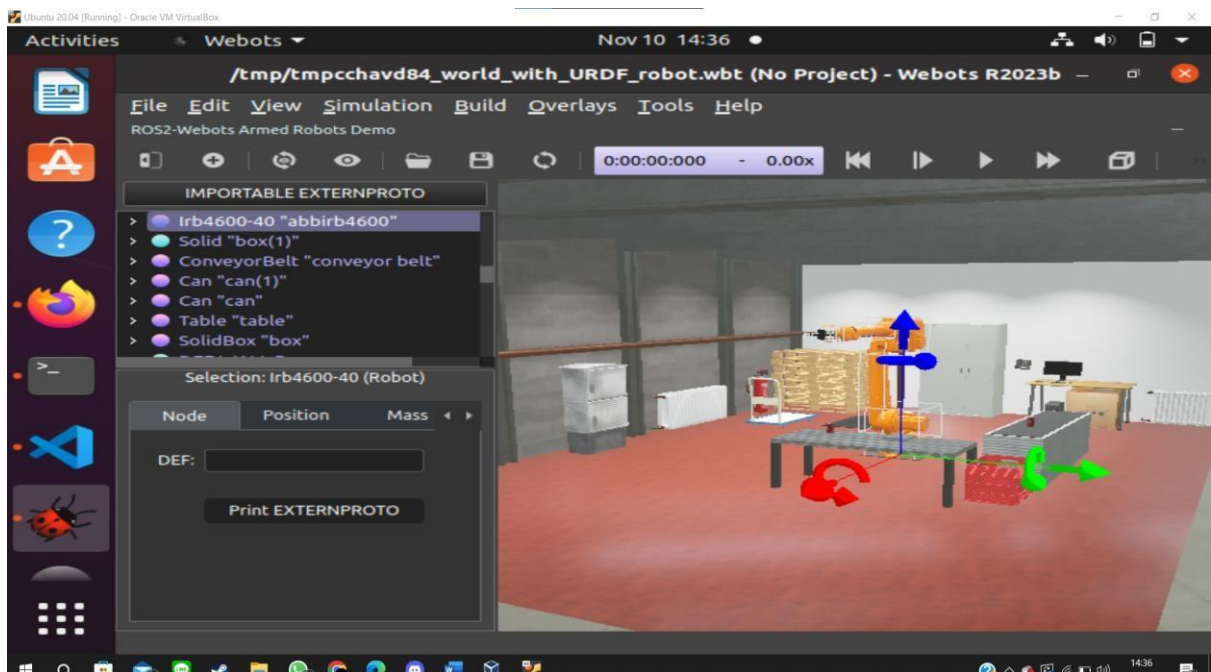
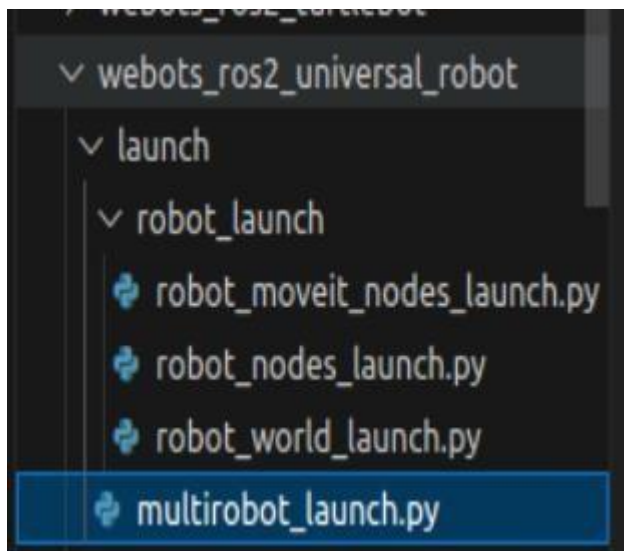


(13:58)

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

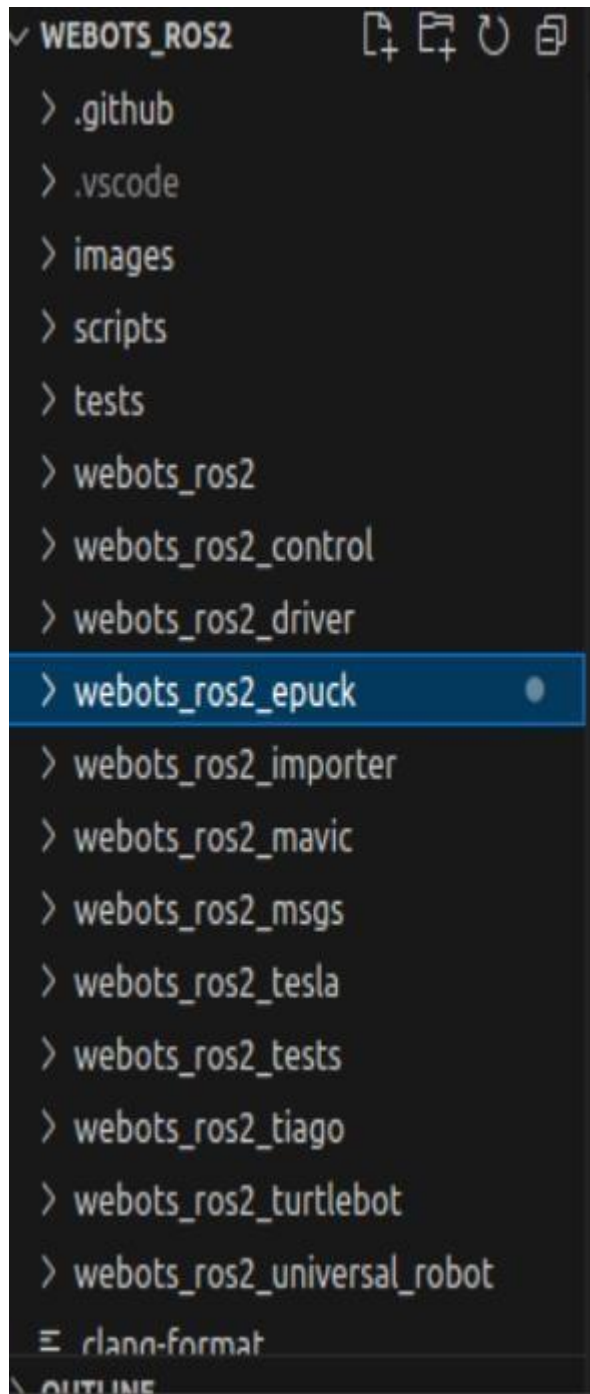


Tetapi nama yang ada di dir yang menunjukan itu adalah armed robot itu ada di dir webots ros2 universal robot dengan file Bernama multirobot launch.py



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 gitclonanya, 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_launch.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() done, 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_sources/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_sources/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_path)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sources/python_launch_file_utilities.py", line 37, in load_python_launch_file_as_module
    loader.exec_module(mod)
  File "<frozen importlib._bootstrap_external>", line 848, in exec_module
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### 1. Check Module Installation:

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

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

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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 the launch file.

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setelah diteliti bahwa modul dari webots\_ros2\_driver blum di install ke dalam python nya jadi terjadi eror vid 5 (3:16)



```
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots_ros2_epuck robot_launch.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() done, defined at /opt/ros/foxy/lib/python3.8/site-packages/launch/launch_service.py:226> exception=InvalidLaunchFileError('py')>
Traceback (most recent call last):
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    return loader.launch_file_path)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sources/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_path)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sources/python_launch_file_utilities.py", line 37, in load_python_launch_file_as_module
    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:

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



```
taccoess@taccoess-VirtualBox: ~/ros2_ws/src
taccoess@taccoess-VirtualBox:~$ cd ros2_ws
taccoess@taccoess-VirtualBox:~/ros2_ws$ ls
build  install  log  src
taccoess@taccoess-VirtualBox:~/ros2_ws$ cd src
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ ls
my_robot_controller  webots_ros2
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ rmdir webots_ros2
rmdir: failed to remove 'webots_ros2': Directory not empty
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ rm -r webots_ros2
rm: remove write-protected regular file 'webots_ros2/.git/objects/pack/pack
8e6f06bd5c5cf96599e2ac8507985867c6489.pack'?
rm: remove write-protected regular file 'webots_ros2/.git/objects/pack/pack
8e6f06bd5c5cf96599e2ac8507985867c6489.idx'? y
rm: cannot remove 'webots_ros2/.git/objects/pack': Directory not empty
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ rm -r webots_ros2
rm: remove write-protected regular file 'webots_ros2/.git/objects/pack/pack
8e6f06bd5c5cf96599e2ac8507985867c6489.pack'? yes
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ ls
my_robot_controller
taccoess@taccoess-VirtualBox:~/ros2_ws/src$
```

Mencoba menghapus ulang dir webots\_ros2 dan meng gitclone ulang

```

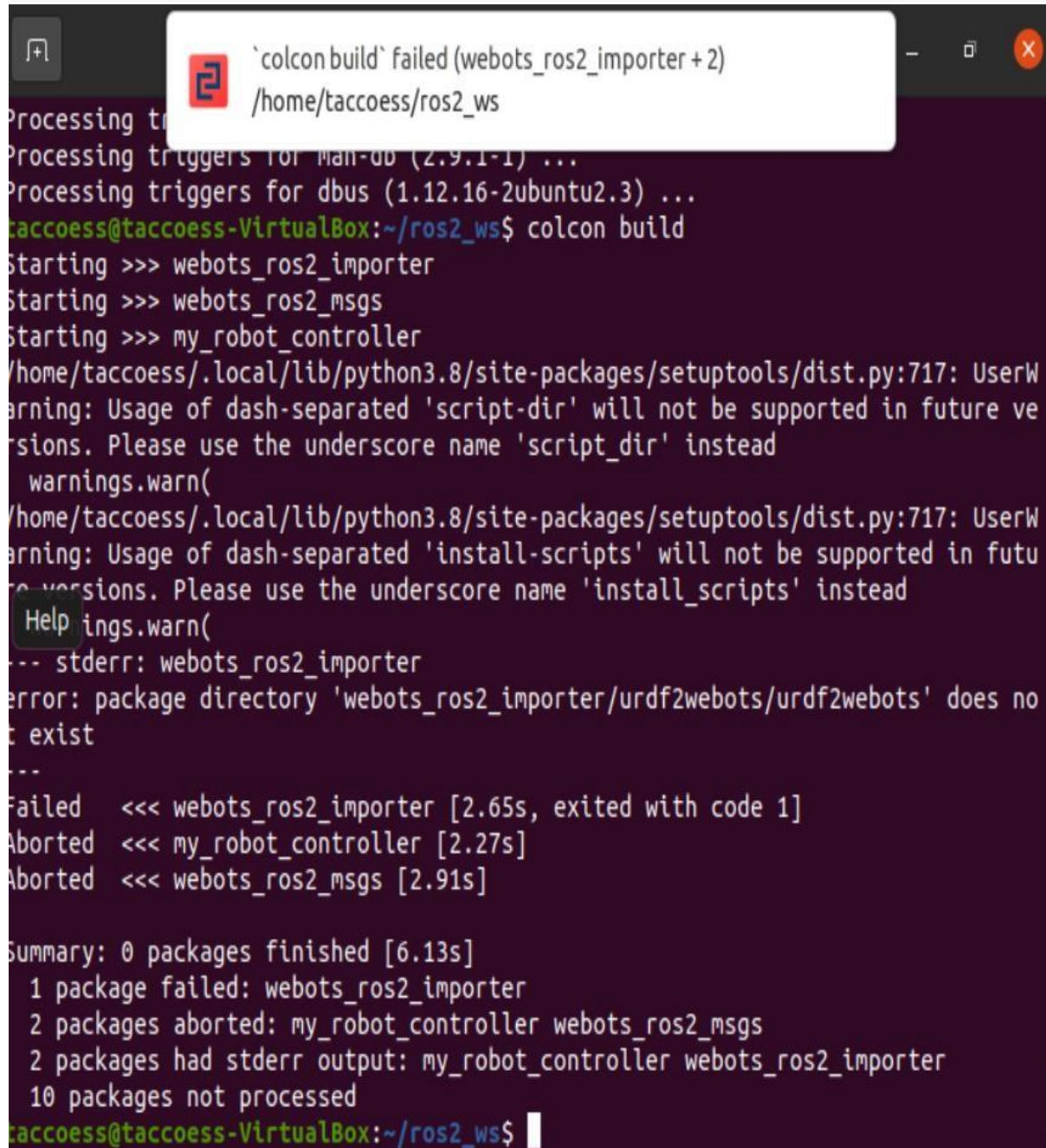
taccoess@taccoess-VirtualBox:~/ros2_ws$ colcon build
Starting >>> webots_ros2_importer
Starting >>> webots_ros2_msgs
Starting >>> my_robot_controller
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'script-dir' will not be supported in future versions. Please use the underscore name 'script_dir' instead
  warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'install-scripts' will not be supported in future versions. Please use the underscore name 'install_scripts' instead
  warnings.warn(
--- stderr: webots_ros2_importer
error: package directory 'webots_ros2_importer/urdf2webots/urdf2webots' does not 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.



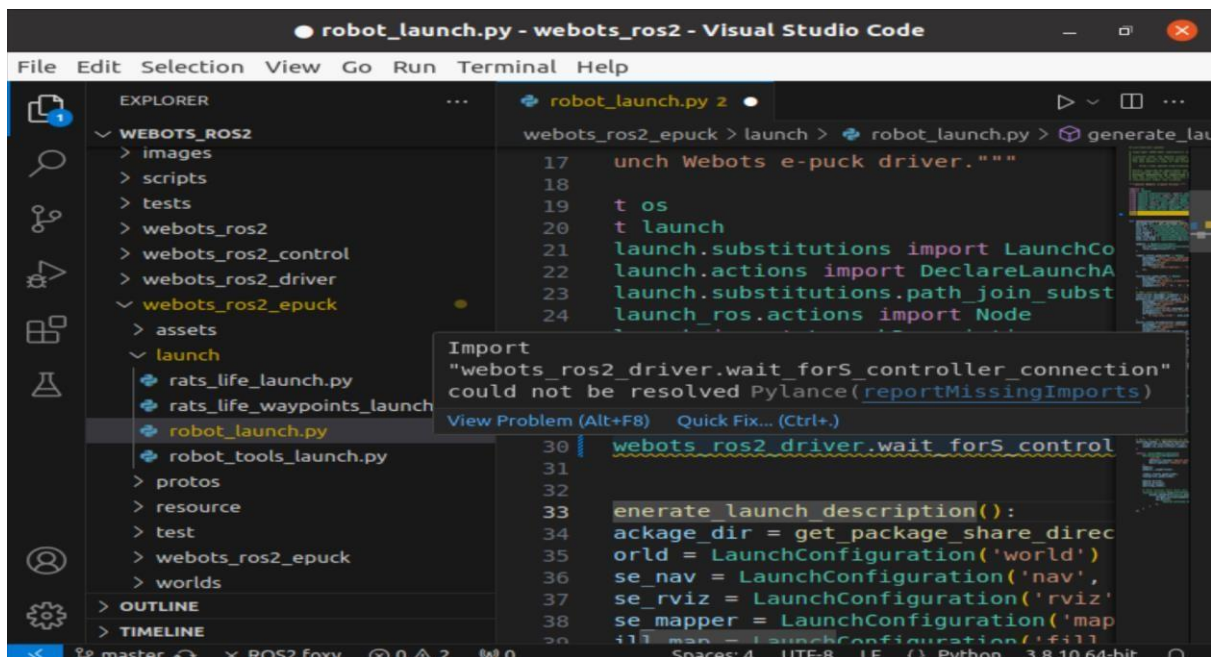
The image shows a terminal window with a dark background. A white error message box is overlaid on the terminal output. The message box contains a red square icon with a white 'E' and the text: ``colcon build` failed (webots_ros2_importer + 2)` and `/home/taccoess/ros2_ws`. The terminal output shows the command `colcon build` being executed. It lists the packages being built: `webots_ros2_importer`, `webots_ros2_msgs`, and `my_robot_controller`. There are two warnings from `setuptools` about deprecated names `script_dir` and `install_scripts`. The build fails for `webots_ros2_importer` with the error: `error: package directory 'webots_ros2_importer/urdf2webots/urdf2webots' does not exist`. The summary shows 0 packages finished, 1 package failed, 2 packages aborted, 2 packages had stderr output, and 10 packages not processed.

```
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for dbus (1.12.16-2ubuntu2.3) ...
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: UserWarning: Usage of dash-separated 'script-dir' will not be supported in future versions. Please use the underscore name 'script_dir' instead
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/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'install-scripts' will not be supported in future versions. Please use the underscore name 'install_scripts' instead
  warnings.warn(
Help
--- stderr: webots_ros2_importer
error: package directory 'webots_ros2_importer/urdf2webots/urdf2webots' does not exist
---
Failed    <<< webots_ros2_importer [2.65s, exited with code 1]
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
taccoess@taccoess-VirtualBox:~/ros2_ws$
```

Setelah di upgrade hasilnya pun tetap sama





Ada import yang missing dari salah satu file python dalam dir

```

taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots_ros2_epuck robot_launch.py
[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() done, 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_sources/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_sources/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_path)
  File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sources/python_launch_file_utilities.py", line 37, in load_python_launch_file_as_module
    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

```

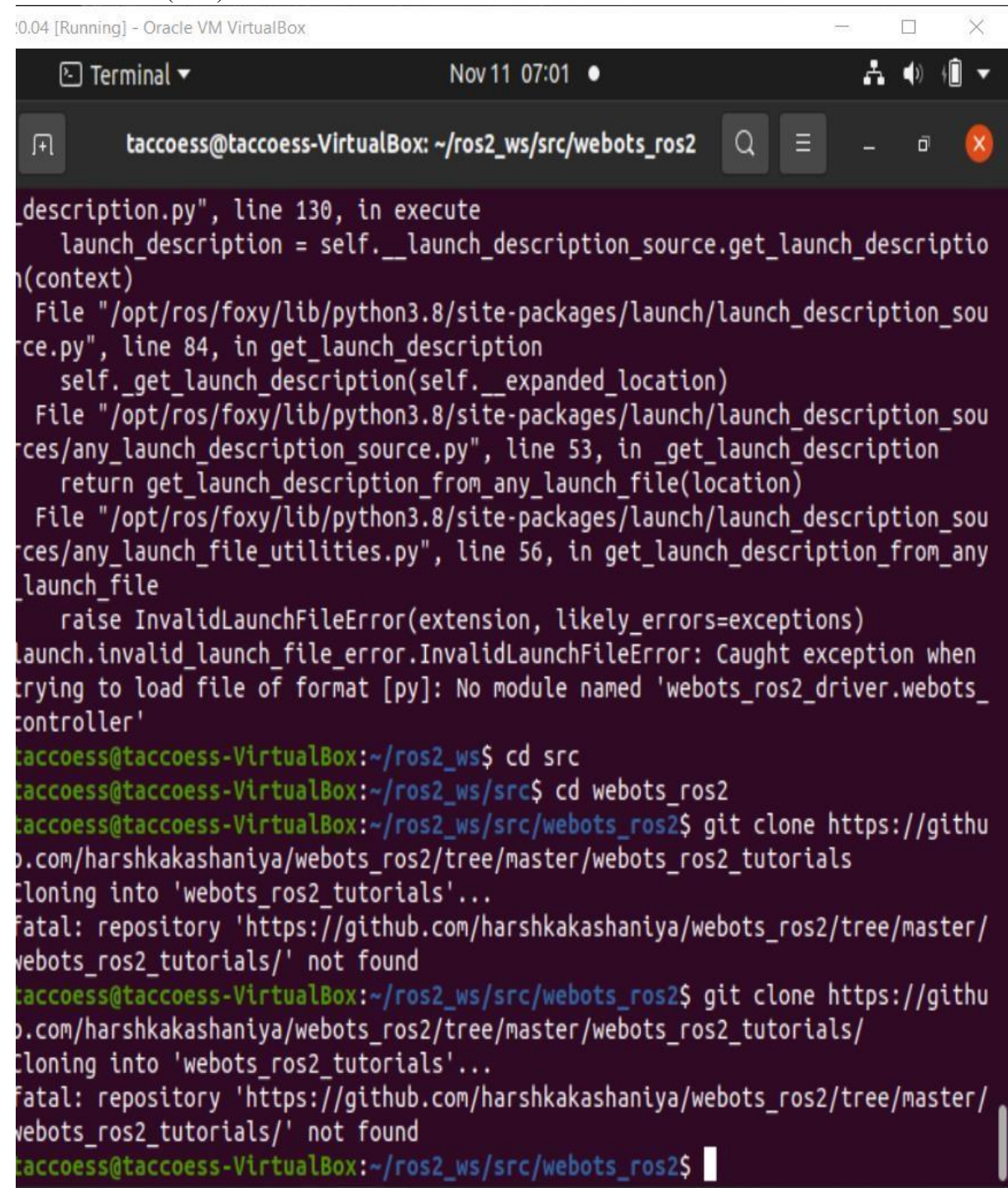
Dan ketika di test tidak jalan sama sekali



#### 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)



```
!0.04 [Running] - Oracle VM VirtualBox
Terminal Nov 11 07:01
taccoess@taccoess-VirtualBox: ~/ros2_ws/src/webots_ros2

description.py", line 130, in execute
    launch_description = self.__launch_description_source.get_launch_descriptio
n(context)
File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
ce.py", line 84, in get_launch_description
    self._get_launch_description(self.__expanded_location)
File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
ces/any_launch_description_source.py", line 53, in _get_launch_description
    return get_launch_description_from_any_launch_file(location)
File "/opt/ros/foxy/lib/python3.8/site-packages/launch/launch_description_sou
ces/any_launch_file_utilities.py", line 56, in get_launch_description_from_any
_launch_file
    raise InvalidLaunchFileError(extension, likely_errors=exceptions)
launch.invalid_launch_file_error.InvalidLaunchFileError: Caught exception when
trying to load file of format [py]: No module named 'webots_ros2_driver.webots_
controller'
taccoess@taccoess-VirtualBox:~/ros2_ws$ cd src
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ cd webots_ros2
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$ 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$
```

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://github.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-82858670e418a3da1f31bfd15ad74be2000405aa.pack'? yes
rm: remove write-protected regular file 'webots_ros2/.git/objects/pack/pack-82858670e418a3da1f31bfd15ad74be2000405aa.idx'? yes
taccoess@taccoess-VirtualBox:~/ros2_ws/src$ git clone https://github.com/harshkakashaniya/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 menggantinya dengan gitclone dari harshkakashaniya, namun ketika di colcon build hasilnya sama ada error di dalamnya



```
taccoess@taccoess-VirtualBox:~/ros2_ws$ colcon build
[2.806s] WARNING:colcon.colcon_core.package_selection:Some selected packages are
already built in one or more underlay workspaces:
    'webots_ros2_msgs' is in: /home/taccoess/ros2_ws/install/webots_ros2_ms
gs, /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
kspace 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
ehavior 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: UserWarning: Usage of dash-separated 'install-scripts' will not be supported in future versions. Please use the underscore name 'install_scripts' instead
  warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'script-dir' will not be supported in future versions. Please use the underscore name 'script_dir' instead
  warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'install-scripts' will not be supported in future versions. Please use the underscore name 'install_scripts' instead
  warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'script-dir' will not be supported in future versions. Please use the underscore name 'script_dir' instead
  warnings.warn(
/home/taccoess/.local/lib/python3.8/site-packages/setuptools/dist.py:717: UserWarning: Usage of dash-separated 'install-scripts' will not be supported in future 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: UserWarning: Usage of dash-separated 'script-dir' will not be supported in future versions. Please use the underscore name 'script_dir' instead
  warnings.warn(
error: package directory 'webots_ros2_importer/urdf2webots/urdf2webots' does not 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_description
  3 packages had stderr output: my_robot_controller webots_ros2_importer webots_ros2_ur_e_description
  9 packages not processed

```

Saya ingi test beberapa file yang ada di dalam dir ini namun terjadi keanehan seperti berikut



```
taccoess@taccoess-VirtualBox:~/ros2_ws$ source install/setup.bash
taccoess@taccoess-VirtualBox:~/ros2_ws$ ros2 launch webots_ros2_tiago tiago.launch.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.launch.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
docs                webots_ros2_demos   webots_ros2_tutorials
LICENSE            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
CHANGELOG.srt  package.xml  resource  setup.py  worlds
launch         README.md    setup.cfg  test
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2/webots_ros2_tiago$ cd launch
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2/webots_ros2_tiago/launch$ ls
tiago.launch.py
taccoess@taccoess-VirtualBox:~/ros2_ws/src/webots_ros2/webots_ros2_tiago/launch$
```

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 respiratory 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.