# Install ROS2 for HRP2

To run the HRP2.0 SW you need to install ROS2 on both the Rasperry Pi and on PC (Ubunth or WSL).

HRP2.0 is developed for ros2 galactic

If you are behind Husqvarna proxy you may need to use some information from https://husqvarnagroup.sharepoint.com/sites/P-C-F-Electric/Wiki/Linux%20network.aspx

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To be able to run apt on the Raspberry pi it needs to connect to a router or WifiHotspot. If the Raspberry Pi is used as an access point it will not be able to access internet unless the routing tables are modified (not described here)

## ROS2 on Raspberry Pi

To install on Raspberry pi follow this guide:

https://roboticsbackend.com/install-ros2-on-raspberry-pi/

In the end you will need the galactic packages:

$ sudo apt install ros-galactic-ros-base

Build will be done on the host pc so colcon is NOT needed

## ROS2 on PC

To install on host PC follow this guide:

https://docs.ros.org/en/galactic/Installation/Ubuntu-Install-Debians.html

In the end you will need the galactic packages:

sudo apt install ros-galactic-desktop