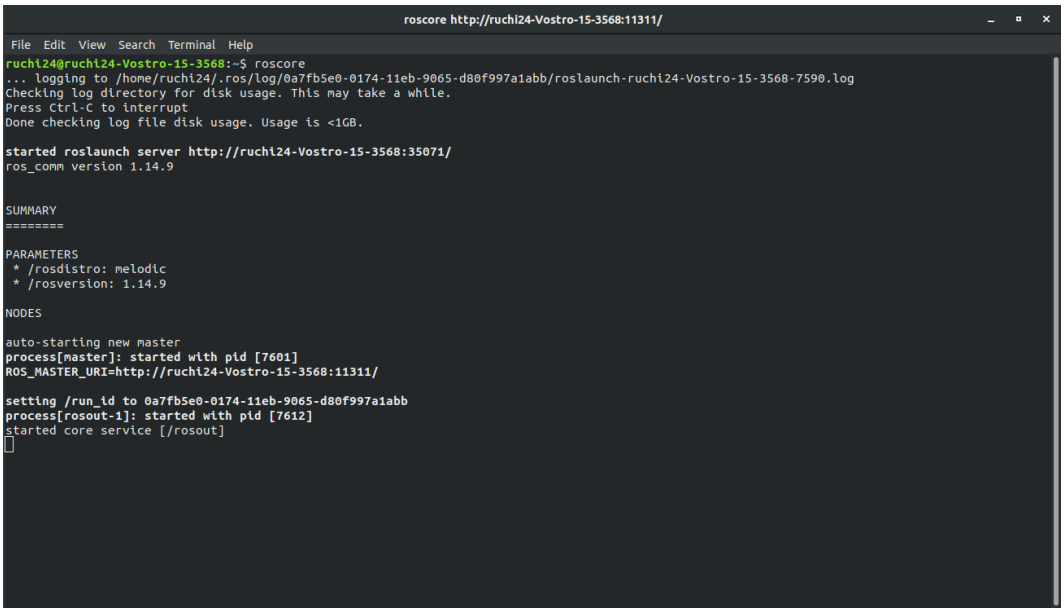
ROS Master

- As you know ROS Nodes are building blocks of any ROS Application. A single ROS Application may have multiple ROS Nodes which communicate with each other.
- The role of the ROS Master is to enable individual ROS nodes to locate one another.
- Once these nodes have located each other they communicate with each other peer-to-peer.
- The ROS Master provides naming and registration services to the rest of the nodes in the ROS system.
- You can say, communication is established between nodes by the ROS Master. So, without ROS Master running ROS Nodes can not communicate with each other.

Start ROS Master

To start ROS Master you just have to enter the following command in the terminal.

```
roscore
```



So roscore will start the following:

1. ROS Master
2. ROS Parameter Server
3. `rosout` Logging Node

In the preceding output, you can see information about the computer, parameter which list the name (Melodic) and version number of ROS distribution, and some other information.

Reading Assignment

1. ROS Wiki - Master
2. ROS Wiki - roscore