

Things to know before programming ROS

* Standard Unit

⇒ The messages used in ROS follows SI Unit.

⇒ It is recommended to use the messages provided by ROS.

↳ But you can use your own message type if needed.

REP ⇒ ROS Enhancement Proposals

* Coordinate representation

⇒ The x, y and z axis in ROS uses right hand rule.

⇒ The front is the positive direction of the x-axis.

↳ (Red)

⇒ The Left side is positive direction of the y-axis.

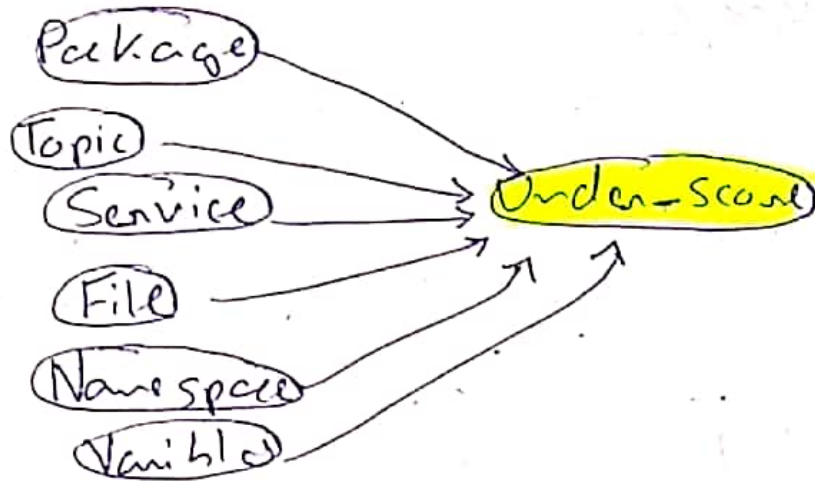
↳ (Green)

⇒ Upward direction is positive z direction

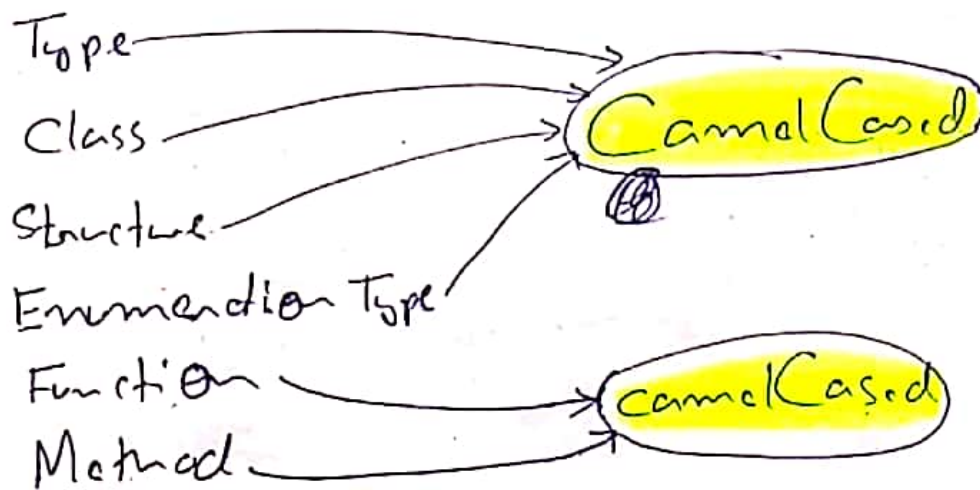
↳ (Blue)

⇒ You can use right hand rule for rotation direction of the robot.

* Programming Rules



⇒ However, messages, Services and action file placed in the msg and src folder follows CamelCase rule



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