

DPRG RBNV Chat Record - March 4, 2025

00:02:16.396,00:02:19.396

Paul Bouchier: Ray was working with openbot - couldn't get it to work. Went to discord, & found videos on the web showing features that weren't in the code in github. He got the video features pushed to github and now it works.

00:03:22.925,00:03:25.925

Mark R: <https://appinventor.mit.edu/>

00:06:24.285,00:06:27.285

Paul Bouchier: Ray has access to some but not all of the sensors - missing magnetometer. But appinventor.mit.edu app showed more of the sensors.

00:17:35.836,00:17:38.836

Karim Virani: Was there a question for me? I might be here for just a little bit. conserve my batteries. power outage possibly through thursday.

00:20:27.986,00:20:30.986

Mark R: Did that work Paul?

00:25:37.750,00:25:40.750

Carl Ott: Robbie is looking great, Paul!

Sorry guys - I gotta go

00:25:42.100,00:25:45.100

Mark R: Bye Carl!

00:26:59.841,00:27:02.841

Pat Caron: Are you going to have him smoke like Motorola's Electro?

00:27:39.295,00:27:42.295

Mike Williamson: I could add a fog maker in the head and attach a cig

00:30:53.328,00:30:56.328

Pat Caron: Is that a GOLD STAR?

00:33:47.451,00:33:50.451

ed mart: Gold Star !

00:34:58.430,00:35:01.430

Pat Caron: I like the use of plywood!

00:35:28.834,00:35:31.834

Paul Bouchier: Paul demo'd Robie the DPRG mascot, which is at his place

00:35:46.352,00:35:49.352

Paul Bouchier: Mike showed the beginnings of his new Roborama robot

00:44:36.106,00:44:39.106

Paul Bouchier: Mike showed a CAD model of the robot

01:00:48.386,01:00:51.386

Tom C - Hamilton, ON: Lidar:

<https://ca.robotshop.com/products/ydlidar-gs2-100-lidar-30cm-w-808nm-waveband?qd=b2bd334d979f603e4a18d28f8e3bb464>

01:02:30.437,01:02:33.437

Mark R:

<https://www.robotshop.com/products/ydlidar-gs2-100-lidar?qd=e3cb8770b708384d8b648da969954972>

US store version

01:05:05.284,01:05:08.284

Mark R: Looks like Amazon have them for \$39.99 currently

<https://www.amazon.com/dp/B0B258RJL1>

01:08:54.205,01:08:57.205

Chris N: My attempt at de-warping the lidar scan coming from a moving (rotating) robot:

https://github.com/nettercm/lidar_dewarping

01:23:04.982,01:23:07.982

Paul Bouchier: Chris shared his issues with ROS localization losing track of its location if a robot turns or drives too quickly

01:24:23.105,01:24:26.105

Paul Bouchier: Tom shared his progress on a line follower robot that's based on an ESP8266 and based on a Chalk Follower toy

01:30:19.641,01:30:22.641

Pat Caron: See you next week

01:30:25.474,01:30:28.474

Mark R: Bye pat!

01:31:32.580,01:31:35.580

Mark R: Power is flickering, I might drop :|

01:35:26.072,01:35:29.072

Tom C - Hamilton, ON: Self Driving Truck Automation: <https://waabi.ai/>