

DPRG RBNV Chat Record – 5/03/2022

Jim F - CalgaryAB

7:33 PM

Hello. Just watching & listening

Jim F - CalgaryAB

7:38 PM

Those are fighting words David. ;-) Do you want another Boston Tea Party ? ;-)

Pat Caron

7:38 PM

lol

Carl Ott

7:46 PM

~7:45pm - Pat discussed his search for a 4-squares contest area. Also working on an ESP32 based camper level...

Carl Ott

7:57 PM

~7:55pm - questions about BNO-055 / BNO085 offsets - a fairly constant offset when turn 360 and it would return something like 360.2...

Carl Ott

8:01 PM

~7:59pm - question about ROS / was it working out well on a Roomba based project

Carl Ott

8:05 PM

bottom line - ROS is easier if you are starting with an established platform with lots of components. But if you're trying to do a robot from scratch in ROS - there is a lot of learning curve to take on...

Carl Ott

8:07 PM

One view - "if the ROS visualization tools weren't there, I probably wouldn't bother"

Doug Dodgen

8:13 PM

iCreate3 educational robot that Harold Pulcher mentioned <https://edu.irobot.com/what-we-offer/create3>

Carl Ott

8:14 PM

~8:13pm - JohnK showed a board found at the microcenter OSEPP Uno Max - looks like an Arduino Uno compatible thing with headers for motors, Bluetooth and wi-fi.. <https://www.osepp.com/electronic-modules/microcontroller-boards/199-uno-05-uno-max>

John described very limited inventory at Dallas Microcenter

Carl Ott

8:18 PM

~8:17pm - Ted - showed screens obtained from a storefront - started to hack into them - serial port to USB -- was able to uninstall the sales demo software, and now has giant Android screen - need to find a spot on a robot for that

Carl Ott

8:20 PM

<https://www.roboticseducation.org/vex-robotics-world-championship/>

VEX Robotics World Championship

May 3-12 Kay Bailey Hutchinson Convention Center Dallas, Texas

Carl Ott

8:26 PM

~8:25pm - Michael - check the video to hear how your audio is coming across....

Carl Ott

8:29 PM

~8:28pm - Dave Ackley showed a book (found on his own library shelf) - AI Robotics - published in 2000 - interesting things remain relevant - one referenced a video "fast - cheap and out of control" - with Rodney / worth tracking down if you can find it...

Dave Ackley

8:29 PM

<https://vimeo.com/454131115>

Carl Ott

8:30 PM

The video is about an hour long - but worthwhile

Carl Ott

8:34 PM

~8:33pm - Open discussion on whether to meet in person / when and how...

and how to balance in person meetings with virtual meetings where people can join from many miles away

Jason B

8:37 PM

can you explain that one?

Ted Meyers

8:38 PM

The 4 square contest?

Jason B

8:38 PM

yes, 4 square

Carl Ott

8:38 PM

DPRG contest rules are here: <https://www.dprg.org/contest-rules/>

Jason B

8:38 PM

thanks!

Carl Ott

8:38 PM

You Bet! the 4 corners contest we're discussing is https://www.dprg.org/wp-content/uploads/2018/09/four_corners-201804303.pdf

Ted Meyers

8:38 PM

Navigate around a square and finish as close to the starting point as possible

Carl Ott

8:41 PM

Jason- give a shout out if you're interested in the 4 square contest - or if there is anything we can do to help...

Jason B

8:42 PM

very cool, thank you for the explanation

Raj Prabhakar

8:58 PM

Got to go, hope to see some of you at VEX robotics competition this weekend

Carl Ott

9:09 PM

9:09mp - Harold touted success in his zimo robot with ROS2 - working

Chris N

9:13 PM

need to call it a day.....

Carl Ott

9:16 PM

~9:15pm - Harold mentioned F1 Tenth - <https://f1tenth.org/>

Jason B

9:16 PM

I got to hang out with these last week at a Fire Fighting convention

<https://www.youtube.com/watch?v=lrc2ykFRSiQ>

Thanks guys!