

Chat text for April 11, 2020 DPRG Monthly meeting

00:44:29.633,00:44:32.633

Carl Ott: Hi Harold

00:44:51.984,00:44:54.984

Harold Pulcher: hey man!

00:44:57.313,00:45:00.313

Harold Pulcher: Greeting programs!!!

01:09:38.055,01:09:41.055

Karim: <http://www.firstnz.org/robotics-programs/first-tech-challenge/>

01:17:17.800,01:17:20.800

Karim: all of our stuff is written in java for android phones as the higher level controllers

01:18:46.979,01:18:49.979

Carl Ott: See - Karim - I find that somewhat remarkable - I found it to be quite a pain just to get Android and the workflow set up to make Android phone apps

01:18:50.638,01:18:53.638

Karim: low level control (h-bridges, servo controllers and i/o is provided by the usb-connected REV expansion hub

01:20:23.438,01:20:26.438

Karim: the newer REV control hub has the "phone" already integrated. You lose the phone screen, cameras and modem with this approach, but we use an external webcam for video input

01:20:42.892,01:20:45.892

Carl Ott: nice...

01:29:47.080,01:29:50.080

Karim: there is a starter sdk that makes it easy to get up and running with android development for these robots. happy to do a getting-started sometime.

01:30:39.792,01:30:42.792

Karim: get's a bit more complex when you need to bring in external libraries like OpenCV but it's doable

01:42:31.062,01:42:34.062

Karim: i gotta go, nice catching up with y'all

01:42:50.004,01:42:53.004

Carl Ott: Cool - see you 'round Karim

01:44:36.892,01:44:39.892

Harold Pulcher: this has inspired me.... gotta go reset up my camera for youtube videos and get ready to blow out some twitch stream or something!!!