

DPRG RBNV Chat Record – 2/9/2021

Hi Doug,

here's a link to the video and chat notes below

Thanks again for loading these up!

Carl

<https://drive.google.com/file/d/18SggsGHZ0yLmQTgZ40Sxxir97wMjHL4Y/view?usp=sharing>

Chris N
8:37 PM

What's the "expert Builder panel" ?

Ray
8:39 PM

domini domini domini you are now experts

Ray
8:45 PM

This could be a good start depending on how well it is documented <https://www.ebay.com/i/393104124092>

Chris N
8:52 PM

I've been using Amazon EC2 compute VMs for 10+ years now. Very cheap

You
8:58 PM

for those interested - here is a snapshot of the documents Doug and I started for the DPRG telebot API https://drive.google.com/drive/u/4/folders/1xKogsZV_jNzapfRNcW_bNd_4xi-A92Yc

Ray
9:02 PM

did you mean the main sheet?

Pat Caron
9:17 PM

pirouette across the room with mecanum wheels

You
9:17 PM

Pat - yes - I can't wait to make that happen with my mecanum wheel platform...

Kevin Shin
9:29 PM

Very interesting discussion! Gotta run now, but I will watch the video tomorrow!

Harold Pulcher
9:43 PM

Here is my question: What do you folks think about this: <https://esa-prl.github.io/ExoMy/>

You

9:49 PM

David - check out this project Harold is considering <https://esa-prl.github.io/ExoMy/>

David Anderson

9:57 PM

jBot:

David Anderson

9:59 PM

some older pics: <http://www.geology.smu.edu/dpa-www/robo/jbot/>

Pat Caron

10:01 PM

Will a skid steer robot tear up the grass?

Ian Potter

10:01 PM

i'd like to know more about motor drivers.

Pat Caron

10:02 PM

How do you implement grid mapping? (lawn cutting)

David Anderson

10:02 PM

Pat, jBot doesn't because of very light wheel loading. Tank treads will, sometime.

You

10:07 PM

David Anderson reference video for skid-steer on grass http://www.geology.smu.edu/dpa-www/robo/jbot/jbot_spins.mpg

Ian Potter

10:31 PM

i've got to jam out. catch you all next week.

Scott Gibson

10:33 PM

<https://www.spartonnavex.com/product/ahrs-8/> BURPs AHRS

You

10:39 PM

Pat - I think this is the model we got for Jack <https://www.amazon.com/Hantek-Portable-Oscilloscope-Analyzer-Diagnostic/dp/B01N74XEAN>

You

10:42 PM

Pat - this is the one I have - and I've been very pleased with it for the price <https://www.circuitspecialists.com/usb-oscilloscope-dso-2090.html>

Chris N

10:43 PM

https://www.amazon.com/KeeYees-Analyzer-Device-Channel-Arduino/dp/B07K6HXDH1/ref=sr_1_5?dchild=1&keywords=8+channel+logic+analyzer&qid=1612928595&sr=8-5

OK so here is the one that I actually purchase. As I said, it comes under many names: <https://www.amazon.com/HiLetgo-Analyzer-Ferrite-Channel->

[Arduino/dp/B077LSG5P2/ref=pd_sbs_1?pd_rd_w=LFP2D&pf_rd_p=c52600a3-624a-4791-b4c4-3b112e19fbbc&pf_rd_r=SA2NNKJW55R2YRCGE9M5&pd_rd_r=b6058b26-5d89-48b3-bf46-8db25ee3107a&pd_rd_wg=TaVft&pd_rd_i=B077LSG5P2&psc=1](https://www.aliexpress.com/item/4000174086947.html?spm=a2g0o.productlist.0.0.293bde5dgd7Po&algo_pvid=cc53a8d2-9086-4901-a5d0-0fa5f6918c23&algo_expid=cc53a8d2-9086-4901-a5d0-0fa5f6918c23-0&btsid=0b0a555816129286068688100e645c&ws_ab_test=searchweb0_0,searchweb201602_,searchweb201603)

Dave Ackley
10:45 PM

Aliexpress has one

https://www.aliexpress.com/item/4000174086947.html?spm=a2g0o.productlist.0.0.293bde5dgd7Po&algo_pvid=cc53a8d2-9086-4901-a5d0-0fa5f6918c23&algo_expid=cc53a8d2-9086-4901-a5d0-0fa5f6918c23-0&btsid=0b0a555816129286068688100e645c&ws_ab_test=searchweb0_0,searchweb201602_,searchweb201603

Pat Caron
10:46 PM

Thanks Carl & Chris

You
10:46 PM

Dave - that's cool - it's even "PROFESSIONAL" for just US \$7.99 - 9.99 - Professional USB Logic Analyzer 24M 8CH Microcontroller ARM FPGA Debug Tool 24MHz, 16MHz, 12MHz, 8MHz, 4MHz, 2MHz

Pat Caron
10:46 PM

Thanks Dave

doug paradis
10:46 PM

Logic Analyzer (Amazon - https://smile.amazon.com/dp/B077LSG5P2?tag=amz-mkt-chr-us-20&ascsubtag=1ba00-01000-org00-win10-other-smile-us000-pcomp-feature-rscomp-wm-5&ref=aa_rscomp) , (Ebay - <https://www.ebay.com/itm/USB-Logic-Analyzer-Device-Set-USB-Cable-24MHz-8-Channel-24MHz-for-ARM-FPGA-M100/362988658580?hash=item5483cf5f94:g:tCoAAOSwnWBes9sS>)

Pat Caron
10:47 PM

See you all on Saturday

Karim Virani
10:53 PM

I got my 2nd today

Moderna

You
10:54 PM

Karim - I hope the 2nd shot doesn't knock you out for a day...

Karim Virani
10:54 PM

Its just starting to hurt

You
10:55 PM

#2 Moderna wiped out my wife for a day and a half

Karim Virani
10:56 PM

Yeah that happens to some folks with either vaccine.

Chris N

11:09 PM

Doug P. : there is a 2nd book with almost the same title "... IoT in C with Linux Drivers". Do you know what the diff is?

doug paradis

11:15 PM

Chris, can't find the title. Is it by Harry Fairhead?

John Kuhlenschmidt

11:16 PM

<https://www.instructables.com/DIY-Telepresence-Robot/>

<https://www.instructables.com/loT-Raspberry-Pi-Video-Streamer-and-PanTilt-Camera/>

Doug Dodgen may wish to look at this

Chris N

11:21 PM

Doug

P: https://www.amazon.com/dp/1871962641/ref=tmm_pap_swatch_0?encoding=UTF8&qid=1612930415&sr=1-3

They don't make much preview available of that edition so its hard to tell..