

## DPRG RBNV Chat Record – October 31, 2023

Carl Ott

7:39 PM

~7:37pm - Doug D / Update on RoboDog. And a hint that he's changing the target from Dec to April. Showed progress from his Rub-n-Buff cooper pipe decoration - converts PVC to what appears to be Copper - Very Cool...

Pat C

7:41 PM

Arm band chick magnet!

Carl Ott

7:44 PM

~7:43pm - Ray showed progress on his differential drive robot (outdoor)

ed mart

7:46 PM

Horse apples proof?

Carl Ott

7:48 PM

~7:48pm - Scott trash talked Ray again - and thereby volunteered to give an update on his competitor robot - the one he thinks will beat Ray this year...

Carl Ott

7:50 PM

Scott plans to bring and run Both...

Ed - we'll get somebody to explain the Horse Apples reference here in a bit...

AKA - Ray's favorite obstacle...

Carl Ott

7:58 PM

~7:58pm - John K showed some fun Instructables - "The mechanical Think from Addams Family"

Carl Ott

8:02 PM

[https://www.hackster.io/hannu\\_hell/mechanical-thing-from-addams-family-d9b8ec](https://www.hackster.io/hannu_hell/mechanical-thing-from-addams-family-d9b8ec)

<https://www.instructables.com/The-Mechanical-Thing-From-Addams-Family/>

Pat C

8:07 PM

<https://www.aliexpress.com/item/1005005997659365.html>

Carl Ott

8:15 PM

~8:13pm - description of Monkey Balls (the kind that give robots a run for their money)

Carl Ott

8:17 PM

~8:15pm - Pat gave an update on his Sharp IR sensor and a lifetime supply of capacitors he's ordered (to make his own version of electronics supplier radio shack)

Carl Ott

8:20 PM

~8:18pm

Carl

- Tool update
- showed the amazing potential of Diamond Tip Screwdrivers
- used one of these to rescue a rather stripped locking screw for a laptop M.2 drive
- worked remarkably well
- Steelman Screwdrivers <https://www.amazon.com/gp/product/B01J58O06M>

Other Options

- Ryobi Bits <https://www.homedepot.com/p/RYOBI-1-in-Diamond-Grit-Impact-Drive-Bits-22-Piece-A962203/318032955>
- Husky Screwdrivers <https://www.homedepot.com/p/Husky-Diamond-Tip-Magnetic-Screwdriver-Set-6-Piece-H6PCMDTSSD/302346933>
- Milwaukee Bits (lifetime warranty, maybe not diamond coated) <https://www.homedepot.com/p/Milwaukee-SHOCKWAVE-Impact-Duty-Alloy-Steel-Screw-Driver-Drill-Bit-Set-72-Piece-48-32-4497/317302314>

Carl Ott

8:33 PM

~8:31pm - Doug D- showed an Allsky Camera - described a project he's working on with a Raspberry Pi and a fish-eye - plans to install it at a dark sky site in West Texas - so that he can remote in and check the clouds before driving out for stargazing.

Carl Ott

8:34 PM

~8:33pm - Ray showed an Ultrasonic driver with board that surfaced from his parts bin.

Carl Ott

8:42 PM

~8:40pm - John K showed another fun Halloween project - monster in a box <https://www.thingiverse.com/thing:6292222>