

DPRG RBNV Chat Record - May 6 2025

00:00:03.219,00:00:06.219

Jim F - CalgaryAB: Hello from YYC 🇨🇦 Y'All

00:00:52.238,00:00:55.238

Gary T: Hey @Jim F, how was my audio level?

00:01:30.479,00:01:33.479

Jim F - CalgaryAB: 5 x 5 Audio @Gary T

00:02:02.592,00:02:05.592

Jim F - CalgaryAB: Good Audio @ Gary T

00:05:24.993,00:05:27.993

Paul Bouchier: Tom described his line-following robot

00:07:13.732,00:07:16.732

Paul Bouchier: Tom is using overlapping IR sensors for line detection, so he can tell when a line is moving from one sensor to another

00:17:31.667,00:17:34.667

Paul Bouchier: Carl described a colaborator's experiments with Grok LLM

00:19:31.740,00:19:34.740

Paul Bouchier: Chris has been giving LLMs a pdf file to summarize and it's working better than giving it a URL. But Carl has had the opposite experience.

00:23:17.271,00:23:20.271

Carl Ott: Carl's positive experience taking URLs was with Perplexity and CoPilot, not ChatGPT

00:24:06.973,00:24:09.973

Carl Ott: Chris and Paul described Notebook LM as exactly designed to ingest and summarize only exactly the information you point it to, either by PDF or maybe also by URL

00:35:49.852,00:35:52.852

Paul Bouchier: https://www.youtube.com/watch?v=nAuna_qzf6k&t=2s

00:35:59.306,00:36:02.306

Carl Ott: Paul shared that vbideo of

00:36:48.289,00:36:51.289

Carl Ott: Paul shared that video of Waymo avoiding accidents

00:38:05.847,00:38:08.847

Paul Bouchier: Discussion of Waymo driving and Aurora starting autonomous trucking service between Dallas & Houston

00:39:00.695,00:39:03.695

Carl Ott:

<https://ir.aurora.tech/news-events/press-releases/detail/119/aurora-begins-commercial-driverless-trucking-in-texas>

00:39:58.957,00:40:01.957

Carl Ott: David shared the Aurora trucking deliveries between Dallas and Houston - this article <https://dallasinnovates.com/in-u-s-first-aurora-launches-fully-driverless-trucking-deliveries-between-dallas-and-houston/>

00:40:05.195,00:40:08.195

Blue Steel: https://youtu.be/TZv1krIPfb4?si=ftKlIjdHSXB1_xBD

00:45:03.381,00:45:06.381

ed mart: Muted

00:46:13.570,00:46:16.570

Carl Ott: David A showed his in-work robot. Has a Waveshare board running MicroPython, and an Adafruit board i2c with arduino as (future) controller

00:48:15.677,00:48:18.677

Paul Bouchier: David A showed his robot under construction, using a Waveshare General Driver for Robots, with an Adafruit Arduino control board for I/O - it has LCD & some buttons

00:49:02.664,00:49:05.664

Gary T: I have not seen this Waveshare board before. It looks interesting. I was planning one making something similar, but I might just buy one now.

00:49:17.885,00:49:20.885

Mark R: Its a very useful board Gary, and cheap

00:50:44.552,00:50:47.552

Mark R: <https://www.waveshare.com/general-driver-for-robots.htm>

00:52:33.451,00:52:36.451

Paul Bouchier: <https://www.adafruit.com/product/715>

00:53:05.604,00:53:08.604

Carl Ott: Gary - Waveshare has quite a few very handy modules and kits of all kinds... They generally have decent documentation and skeleton / demo code to give you a good head

start... https://www.waveshare.com/wiki/Main_Page