

Robot Builders Night Virtual for September 22nd, 2026

<https://www.youtube.com/watch?v=U4oecp49t5s>

Presenters

Mike W - updated us on his outdoor robot. He has placed all the robotics inside the cab. He is having a problem with overheating after a few hours! He added a 40mm fan which seemed to resolve his problem. He has been trying to reduce the CPU load. He used AI to optimize his python code. He had the AI switch his code to C++ and his CPU usage dropped dramatically!

Karim V - shared the [image_to_3d](#) GitHub repository. - The repository leverages **Depth Anything** and packages its capabilities for use with **ROS 2**. This resource may be useful for robotics projects requiring monocular depth estimation or the conversion of conventional imagery into spatial data. - He also noted that the concept of a **second brain** is currently a significant trend. A related YouTube video was shared, likely as supporting material for exploring personal knowledge management and external systems for organizing information.

Harold P - shared a four-minute video described as featuring “natural wonder greatness.” - The link was offered as an interesting visual interlude during the meeting.

Conclusions and Insights

- Depth-estimation models such as Depth Anything are becoming more accessible to robotics developers through ROS 2 integrations.
- The shared [image_to_3d](#) repository provides a practical starting point for experimenting with image-based depth and 3D perception.
- “Second brain” systems continue to attract interest as tools for capturing, organizing, and retrieving knowledge.
- The meeting also included informal media sharing alongside its technical and productivity-related topics.

Referenced Links

- [SLG Robotics—image_to_3d](#) — A repository that leverages Depth Anything and packages it for ROS 2.
- [YouTube video related to the “second brain” discussion](#) — Shared shortly after discussing the growing second-brain trend.

- [Four Minutes of “Natural Wonder Greatness”](#) — A short nature-focused YouTube video.