

Drawing Tablet

Similar to how an Arduino can be used to control the Liquid Galaxy through the buttons, the buttons on drawing tablets could be used in a similar way to move the Liquid Galaxy around. Tablets come with driver software which can be used to map the buttons to certain shortcuts, like Control+C. When used with the Liquid Galaxy, however, the tablet driver settings can be mapped to the arrow keys and +/- (as well as the other keyboard shortcuts, if enough buttons are available) in order to allow pressing a button on the drawing tablet in order to execute the shortcut, and by doing so navigate Liquid Galaxy. This also makes creating KMLs much easier, as the tablet pen can be used in order to draw, as opposed to using the mouse. The tilt and pressure sensors present in the pens could also be used to navigate Liquid Galaxy, with the tilt moving it left/right and up/down, and the pressure being used to zoom, although it will be harder to implement.



Discord/Slack Bot

Discord and Slack both have APIs which allow developers to create bots that respond to user commands and can execute tasks using node.js. By connecting it to the KML API uploader, a user could give commands to the bot which could translate to motion on the Liquid Galaxy. A chatbot will provide a friendlier interface for executing KML tasks, and NLP processing could be used to make it similar to Google Assistant. The benefit of using Discord/Slack is that multiple users can send commands from different computers. The bot can be run and hosted on the master computer, and by putting it in a server with the users, commands can be sent in order to move the Liquid Galaxy and to execute commands.

Mindstorms

Liquid Galaxy could be connected to a Lego Mindstorms Robot, which has several sensors that can be used to move the Liquid Galaxy. The distance sensor could be used to zoom, and buttons could be used to move up/down and left/right. Since Mindstorms can run Java for more complex programs, this can be used to interface with the Liquid Galaxy similar to Arduino and Raspberry Pi.