

Agentic Coding on a Linux VPS

Setup a dedicated "workplants" for Claude Code

Large language models are commonly accessed in chat form, you ask or prompt something and the 'AI' answers. That's cool, but when you give the model access to digital tools it can actually do things like looking things up, compiling code and self testing its creations. I wanted to push this concept and gave my favourite AI agent its own fully specced workshop: a Linux server.

Instead of copy and pasting your work in a site like chatgpt.com, agentic coding happens on your own computer where a managing program ("the harness") enables an AI model to use tools. These tools are existing (command line) programs that take certain input parameters, do something, give some output. The output of the tools are automatically fed back into the AI context so it can operate in an "agentic loop", where it combines and iterates commands to build stuff.

Some folks run agents on their own laptop, this exposes personal files and has the risk that the agentic work collides with your own, human, work. With my background in Linux server engineering I setup a dedicated machine specifically for the agentic coder, and as ultimate flex gave it root-access so it can extend its own workspace with the tools needed to get things done. This Linux machine runs from a hyper connected, always on datacenter, so it can continue to work even when I sleep or when my computer is off.

As the "workplants" is cloud based, I can access it from any device, including my immersive [Vision Pro](link), laptop, tablet and phone. I can start build processes and be notified when things complete (or fail)

Conclusion

Coding by hand is going to be old fashioned, agents will not replace the human entirely but roles will be different. I believe in building things, agentic coding is a logical evolution of the craft of being a developer.