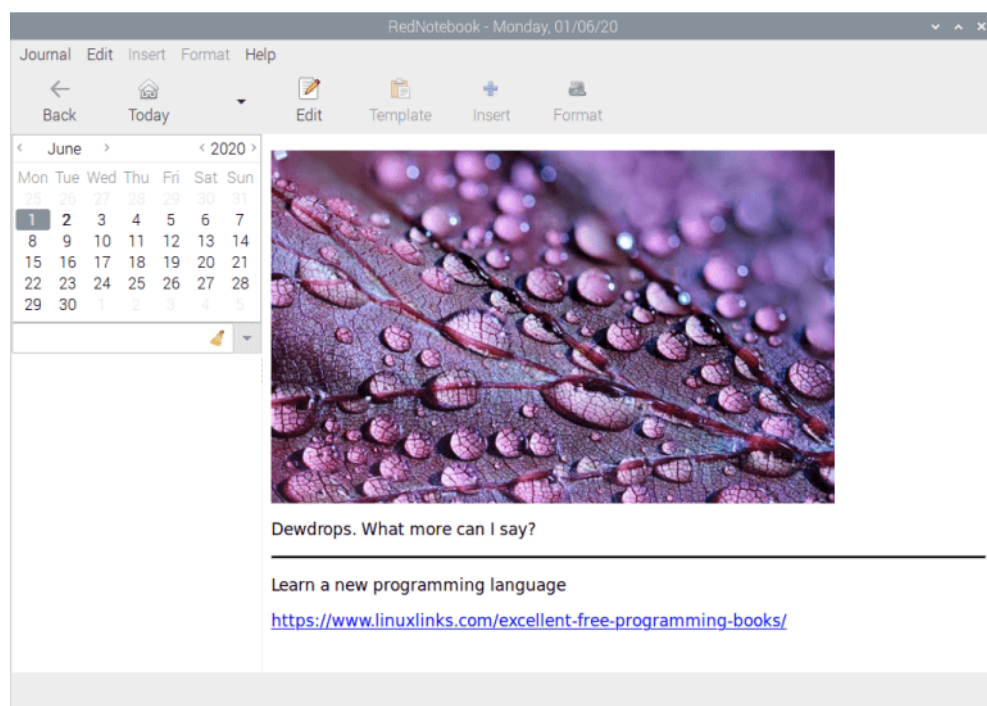


Raspberry Pi 4: Chronicling the Desktop Experience ? Dear Diary ? Week 32

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This is a weekly blog about the Raspberry Pi 4 (?RPI4?), the latest product in the popular Raspberry Pi range of computers.

Before kicking off this week's blog, there's a few recent interesting developments that caught my eye. The first one is merely a cosmetic change. The Raspberry Pi Foundation has decided to rename Raspbian to Raspberry Pi OS. Forgive me if I accidentally forget the name change.

The real news is that a new model of the RPI4 has been launched. The major improvement offered by the new model. 8GB of RAM, wow! That's an impressive chunk of memory on a tiny computer. This development doesn't render the 32-bit operating system obsolete. After all, the 32-bit system allows multiple processes to share all 8GB of memory, subject to the restriction that no single process can use more than 3GB. But advanced users who need to map all 8GB into the address space of a single process need a 64-bit userland. Step forward the second exciting development ? a new

64-bit Raspberry Pi OS. Unsurprisingly, it's currently in beta.

[2]

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