PipeWire, the media service transforming the Linux multimedia landscape

By Roy Schestowitz
Created 06/03/2020 - 2:40am
Submitted by Roy Schestowitz on Friday 6th of March 2020 02:40:58 AM Filed under Linux [1]

PipeWire 0.3 was released a few days ago, marking a big step forward in the effort of making this emerging media service the core layer of all multimedia on Linux.

A huge effort is currently underway to bring the Linux desktop into the future with the help of containerization technologies such as Flatpak. One of the goals of this exercise is to create a clear security barrier separating the applications from each other and from the system. The media stack is one area where the applications normally fail to co-operate with this model, requiring direct access to the hardware because large amounts of data need to be exchanged and a low latency is often critical. PipeWire is the missing piece to this puzzle, allowing applications to access hardware devices in an efficient, yet secure manner.

[2]