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How to access Samsung DeX mode on Linux and Chrome OS

By *Roy Schestowitz*
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Google has yet to offer a full-fledged desktop interface in Android, but you can access the hidden barebones version of it on some devices running Android 10. A handful of OEMs, on the other hand, offer their own implementations of the desktop mode, and Samsung?s DeX is inarguably the most polished and feature-rich option among them. The latest version of Samsung DeX can even seamlessly integrate itself with Macs and Windows PCs.

While Samsung did backport DeX for PC support to older flagships, they still don?t provide an official Linux (and Chrome OS) companion app corresponding to this handy feature. From the perspective of a regular Samsung user who uses Linux, it means that you could only access the DeX mode if you had an external display. There is no OS level limitation per se, so XDA Senior Member KMyers has decided to create a proof-of-concept technique that ultimately works as a Linux client for Samsung DeX.

[...]

Typical features like clipboard sharing and drag-and-drop installation of APK files are working without issue in this method, but sound routing is a bit messy. You might have to compile scrcpy from source, though, because the available build on the default package repository of Debian based operating systems (e.g., Ubuntu and the Crostini environment on Chrome OS) is usually outdated. This step can be particularly problematic on ARM-powered Chrome OS devices, so opt for cross-compiling instead.

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GNU Linux Ubuntu Gadgets

Source URL: http://www.tuxmachines.org/node/139559

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