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Subject: Re: Linux embedded development without X11/GTK dependencies

Posted by [mirek](#) on Thu, 01 Dec 2022 18:25:43 GMT

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shawnx wrote on Wed, 30 November 2022 16:08it's moving towards wayland from x11 these days.

upp-embedded(similar to qt-embedded) is actually interesting because there is no real offering in the market other than qt-embedded as far as I am aware, but you must pay). It runs on top of SDL2/framebuffer/directfb2, useful for HMI(human machine interface), or any non-smartphone-embedded-device that carries a small display, most of them do not need 3D acceleration either.

You might want to check VirtualGui (e.g. [reference/SDL2UWord](#)). There is just about 15 virtual methods that you have to implement to make it work on anything. E.g. implementation with SDL2 backend has then 600 lines.

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