## **Linux Plumbers Conference 2023**



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## VSCode for kernel development

Monday, 13 November 2023 16:20 (50 minutes)

How far can we take the kernel development experience in a reference IDE setup? This talk will present a setup I've built http://github.com/FlorentRevest/linux-kernel-vscode  $\frac{1}{2} \frac{1}{2} \frac{1}{2$ 

- It integrates features such as:
- $\hbox{- A series manager https://github.com/FlorentRevest/vscode-git-send-email}\\$
- $\hbox{- A mailing list explorer https://github.com/FlorentRevest/vscode-patchwork}\\$
- Notebooks for syzkaller bugs reproduction, ftrace records analysis...
- A clangd based cross-reference setup
- Yet Another QEMU Wrapper that integrates with the IDE debugger And discuss how we could improve it further

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