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Dealing with complex test suites

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Boot testing is already hard to do well on a wide variety of hardware. However it is only scratching the surface of the kernel code base. To take projects such as Kernel CI to the next level and increase coverage, functional tests are becoming the next big thing on the list. Large test suites that run close to the hardware are very hard to tame. Some projects such as ezbench could become very helpful outside of its initial territory that is Intel graphics. But to start with, let us try to define the problem space and take a look at the state of the art in this area to then come up with ideas that apply to upstream kernel functional testing.

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Yes

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