Contribution ID: **75**   Type: **Tutorial or Skill-Up**

Pipeline dependencies and layered test suites

Wednesday, March 6, 2024 11:10 AM (20 minutes)

Supporting multiple operating systems, compilers, etc. can lead
to a combinatorial explosion with the need for a large test suite.
Similarly, a large library can have many features to test such that a full run
for one of those combinations can take a long time.

In this skill-up we will talk about a common approach to address this problem,
layering test suites and pipelines.
Then, the most important parameter combinations
are tested on every pull request while a fuller set is run regularly on a scheduled basis.

This also includes a discussion about combinatorial explosion and parameter
matrices to help decide which combinations are the most important.

Slot length

other(help with comment)

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