

Measuring Quality Quiz

So you're interested in measuring the quality of your application. Here's a quick quiz to help you find out.

1. What percentage of changes for new builds are bug fixes? If less than 10% give yourself 1 point, between 10% and 25% is worth 2 points and at least 25% is 4 points.
2. How often do your builds have to be backed off due to some major problem? If never give yourself 0 points, less than 25% of the time 2 points and more than 25% give yourself 3 points.
3. If your 'known bug' list is larger than your 'features to be implemented' list, give yourself 2 points.
4. If your test system is not in sync with your production system at any time, give yourself 2 points.
5. If you haven't reviewed your test data in any of the last 3 builds, give yourself 3 points. If you don't reuse test data between builds, give yourself an additional 5 points.
6. For your last 3 builds, or major changes, give yourself a point for each build that didn't use a code review and a point for each build that didn't utilize a requirements review.
7. Subtract a point for each of the last 3 builds that you reused test scripts to perform a regression test on some part of the system.
8. Subtract a point if you've finished testing BEFORE submitting a PAR for each of the last 3 builds
9. Subtract a point if you waited to start development until after you had documented the details of the requirements (even if those requirements changed after development started)
10. Give yourself 2 points for each question you couldn't answer because you just don't keep track of that information.

Assuming that you're still reading, subtract as many points from the total you've added up so that you end up with zero, which is how much this quiz is really worth. The point is that there are no quick solutions to quality and no single fix for all situations. It takes time to consider what the issues are and what the fixes could be. These fixes need to be tried out and evaluated for effectiveness and will likely be different for each project. And for those that are scrolling to the bottom of the page before reading all the information:

Here are the results to compare to.

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|------------------------|---|
| 0 points | - Woo Hoo! You are doing the right stuff. |
| Between 0 and 5 points | - You've got work to do. |
| From 5 to 10 points | - You've got lots of work to do. |
| More than 10 points | - Yikes! |