UNIT TESTING CODE COVERAGE

SUMMARY: Code coverage cites the amount of code that is covered by unit tests. General recommendations suggest that applications have code coverage >=70% and preferable goal of %90.

# TOOLS USED:

dotCover: Part of the ReSharper toolset by JetBrains. With easy integration in Visual Studio, it is easy to use. In regards to continuous deployments on a build server, using dotCover would require undertaking licensing and other tasks.

OpenCover: an open-source code coverage tool that provides equivalent information to dotCover. Along with a “Report Generator” module, it can provide graphical analysis as does dotCover. OpenCover has been tested in build environments and is easy to incorporate into a Jenkins pipeline script without having to worry about licensing and installation tasks.

EXAMPLES:

# REFERENCES: