

Hydra

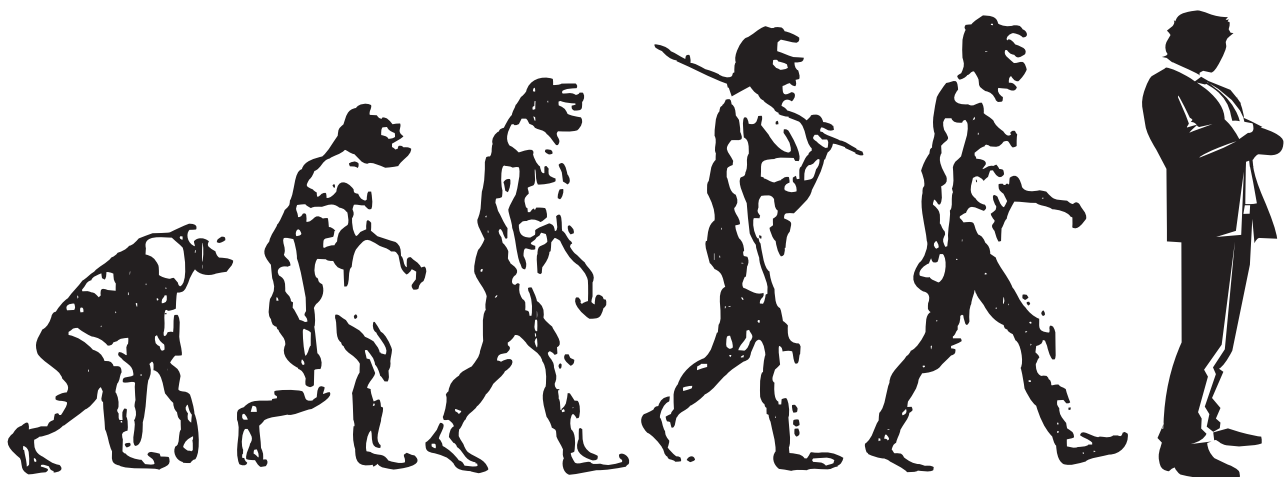
THE NEXT EVOLUTION OF QUALITY MANAGEMENT

Quality management has seen various stages of advancement during its history. Originally, the need for quality management arose from the large-scale assembly lines born during the Industrial Revolution in the United States. Instead of a single blacksmith hammering an iron bar, many more individuals became involved in the production process. Since that singular person could no longer oversee an entire production on their own, it became necessary to have a system of checks to ensure quality products were produced.

Since these early days, quality management has evolved into both a procedure and a science. Statistician W. Edwards Deming founded the science of quality control as a result of World War II production practices. During the 1960s up through the dot com era, the science evolved further into a discipline people could study and practice. In the lead up to the turn of the century, quality management saw the application of systems to monitor quality control. These include the International Organization for Standardization's ISO series of quality standards like ISO9001 and ISO27001. Companies holding this latter certification represent the highest levels of process quality achievable to date.

Hydra, Bleum's proprietary web-based Quality Management System, represents the next evolution in quality management for software development. The System streamlines the quality management process to produce quantifiably greater results for its users. It also operates as an entirely holistic management system, bringing together the numerous pieces of the whole software quality management puzzle. These pieces are disparate, and can include ticket management, time accounting, communications, code quality monitoring, project management, reporting and resource allocation. Unfortunately, most systems today force one to use these piecemeal, hunting around for the various parts.

Hydra takes the infinite amount of resources available and brings them together into a singular streamlined process. It also adds in a communication tool which allows for greater transparency between the client and Bleum. This streamlined process ensures better results through the entire project lifecycle. It's no coincidence that Bleum's defect rate is a lean 0.01 per thousand lines of code (KLOC).



How else does Hydra stand out from the quality management crowd?

1 Hydra puts everything you need in one place, right at your fingertips. In addition to combining disparate systems, Hydra operates in real time. That means there is no lag time between what happens in Shanghai and when you know about it back at headquarters. Not only does this save you time, but valuable resources as well. Hydra is a fully integrated system, while other options are barely a system at all.

2 Hydra gives the user the ability to monitor a project, either at a 50,000 foot level or with acute micromanaging. It is available through the entire project lifecycle, and beyond, for historical record keeping. Most other quality management systems only allow for quality checks at the end of the project lifecycle. Carnegie Mellon reports that fixing a software issue in production is 30 times more expensive than had it been found early on. By the time other systems allow for quality management, the cost for fixing any problems is going to bankrupt a project before it's off the ground.

With Hydra, there are no surprises. You know what is happening before it happens so that you can better forecast for success. Now, you do not have to rely on the project manager telling you when something has gone wrong. With Hydra you can see it yourself.

3 Hydra allows you to see what every member of your China-based team is doing, in real time. It also collects historical data so that you can monitor and see team performance today to better forecast for tomorrow. Other systems do not provide this level of transparency.

4 Hydra's system masks your proprietary information to better protect and secure sensitive data. Symantec reports that cyberattacks grew by 93% last year. Hydra's ironclad layer of protection ensures your project is in safe hands.

Before Hydra, quality management for software development was less sophisticated. Now the process is not only easier, it produces better results. In the words of former General Electric CIO Gary Reiner, "...I wish we had something like Hydra to manage our vendors at GE." For companies with systems that cannot fail, and processes that must match, Hydra is the obvious choice for ensuring world-class results.



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