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AltaPay: Team building

When I arrived, there were several separate developer teams with almost zero knowledge overlap. Aside from my primary role as developer, I helped align the teams for greater team work and collaboration. Eventually, I became scrum master for two teams and could document substantial improvements in productivity as well as stability of deliveries. I was also actively contributing to a positive working environment by more or less playing informal "chief happiness officer".

Commentor: Azure Test Automation

Working as a consultant, I developed a solution using MS Powershell and the Azure platform to realize on-demand provisioning and management of virtual machines for running automated test suites, and prepared integration with the client's existing MS Visual Studio/TFS-based build/test system.

⊡ **= A closer look available, click to access downloads**

BRFkredit: Workflow

I was part of a team that develops and maintains a Lotus Notes-based document handling and workflow automation solution. The application uses web services to tie together other components (written in Cobol and .Net) and also has a web front-end.

IBM: RFA (Request for Announcement)

My first Java and SQL project involved adding new functionality to an existing Java/Apache Tomcat-based document management system consisting of approx. 26kloc of undocumented code. I cleaned up an xml-like document format into proper xml and undertook major architectural refactoring in order to implement version diffs and page rendering based on XML+XSL. With fewer overall lines of code, the current version is fully documented, offers proper and xml-aware diff, significantly faster performance, and multiple view modes which can be extended very easily.

IBM: Dynaform

A Lotus Notes-based access request tool for managing innumerable databases world-wide required thousands of custom document forms. In order to sidestep a prohibitively work-intensive maintenance burden on the developers, I invented, architected, and prototyped a radical and innovative method for on-demand form management. This presents a simple user interface and performs back-end compilation, thereby enabling form creation and maintenance for application owners. This concept proved solid and was incorporated into the project.

IBM: BTT (Business Tracking Tool)

An earlier success story involving a multi-user financial tracking tool in use world-wide, where I replaced the built-in single-document locking mechanism with extended functionality supporting sets of separate but related documents, achieving performance with minimal impact on server load.