Transition to True Agile Development

Learn how to impress your boss and become a true agile developer.

Web developers must create mountains of code to support the infrastructure of web applications according to the pesky project requirements. They make sure that the data coming from the backend is displayed, and that the application runs smoothly across all browsers and interfaces. And they have to stay sane and keep cool when the requirements are changed completely and your code has to go to the trash bin.

What if you had a tool that can create a small, fast web application straight from your database, which works with every browser, built on the latest technology, automatically handles data access, allows adaptive filtering, paging, and sorting of very large datasets anywhere, implements dynamic lookups without you lifting a finger? Then you would concentrate on implementing true business rules instead of working on "I want to filter by these three fields, and sort by those two." And if the tool creates dynamic reports anywhere the data is displayed, with user filters applied automatically, then daunting reporting requirements will shrink to creating that "great looking invoice," and a few truly custom reports.

Just use a sophisticated code generator, such as Code OnTime. It greatly aids the job of the developer, and provides a good starting place for your work. The generated code has been planned out intelligently, and accounts for unforeseen eventualities that may pop up. It creates all of the boilerplate code, and allows you to easily plug in your own business rules.

Suppose you were given the task of developing a web application for tracking issues in your company. The software architects provided a data model for your application, and you are expected to create the user interface, and make sure that it works. You would need to create pages showing problems, staff, products, and a problem log. You need to make sure that the data is displayed correctly, across all browsers and platforms in an aesthetically pleasing way, and make sure that all parts are working properly. Using a quality code generator, you can direct it to the database created by your database administrator or yourself, and initiate code generation. In a few short minutes, you have an entire web application that works across all browsers and has the necessary infrastructure for you to start fulfilling more specific stakeholder requirements. You can start on upgrading and implementing new features in the generated web application, without having to create boilerplate code.

The best part is that you can "rinse and repeat" as many times as needed without incurring much of a headache. Generate a new revision of the application and make minor business rules adjustments instead of throwing away huge code blocks since someone in accounting has forgotten about a few important pieces of data that change the application design upside down.

The generated code has already been designed to function smoothly across all browsers. It comes with a great infrastructure, so that you don't have to wait until the DAL and BLL has been developed. It comes with a beautiful graphical user interface, which is smooth, quick, and has a small footprint.

Code generation enables rapid application development with unlimited iterations, which works great when project requirements are changed frequently and helps to establish a true agile development process.

As a bonus, superior code generators use new technology, and the generated code will exhibit the implementations of such technologies. You can impress your boss with a beautiful new GUI, artfully integrated and designed, in little to no time.

Code OnTime LLC
http://www.codeontime.com