



Lost and Found

by Michael Slinn

Lost: Tedious Low-Level Coding

Ever notice how every enterprise project needs similar infrastructure code? Object interactions, transactional plumbing, persistence...The only thing worse than the duplication of effort involved in (re) writing redundant infrastructure code for every new application is having to maintain and update all of it whenever an existing application needs modification.

For instance, the task of writing code to retrieve rows from databases, turn them into objects and back again is both robotic and complex. As the application evolves and the database schema needs modification, a database administrator needs to ensure that you don't clobber the data. Application programmers must then scramble to fix all the persistence code in the programs and modules that use those objects, because they no longer work with the new schema.

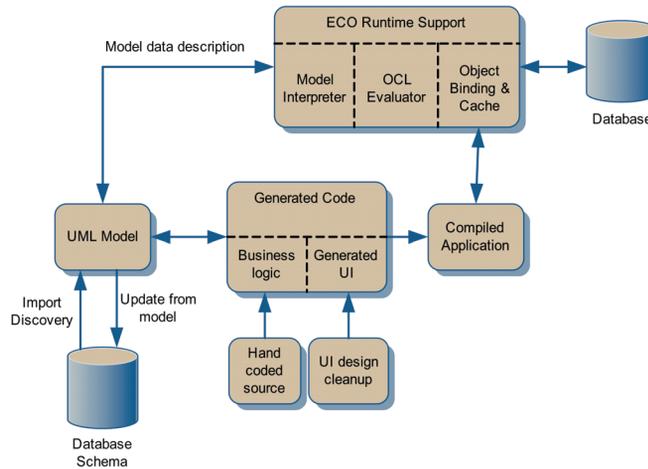
Of course, when the schema changes, you also need to modify all the associated WinForms and WebForms. The larger an application is, the more difficult it is to maintain.

If common infrastructure tasks like these could be automated, programmers would be free to focus on solving business problems instead of wasting time on repetitive low-level coding.

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