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STREAMLINING A SOLUTION TO HARD CODING

CM evolveIT can scale up to enterprise environments,
so you can trust it to handle your most complex challenges.

When companies began to use computers to solve tough problems, no one expected that the programs they wrote would last as long as they have. Coding was a new discipline which meant that developers, learning the best ways to work, might initially have chosen coding options that didn't scale or were less optimal in terms of performance.

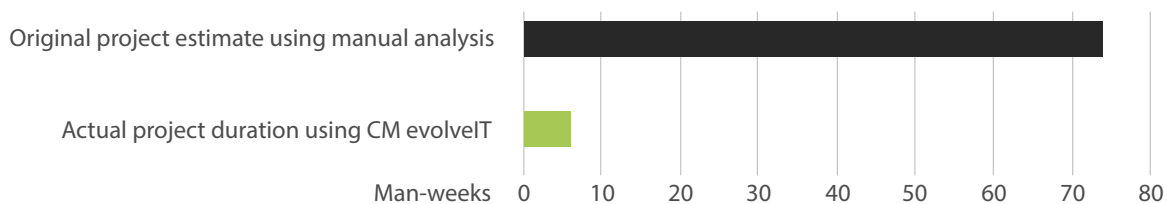
For one Fortune 500 firm, that choice involved hard-coding ID numbers into COBOL programs, rather than opting for another, more flexible solution. As the company ran out of ID numbers and needed to reuse one, they had to pore through millions of lines of code to see if that ID number was still coded anywhere. The effort involved, coupled with a concern that they might miss a code path, led them to realize they needed to find every hard-coded instance to eliminate this problem.

Evaluating the challenge, they realized that it would take multiple teams 74 man-weeks just to analyze the code with no guarantee that they would find every instance of hard-coding. They decided to get some help. After several proofs-of-concept (POCs) using ven-

dor tools, no one believed that what they tested would assure the results they needed. Then they tried out CM evolveIT.

The comprehensive capabilities of CM evolveIT proved out in the POC. The team used CM evolveIT's Regular Expression Search capabilities to identify hard-coding across the entire application and then used the Code View window to quickly see how the hard-coding was being used. In addition, the team was able to capture every location with context lines of code into an export providing XML or HTML output files. In fact, the entire project was completed during the POC in just two weeks with only three people doing the work! The developers were thrilled, as they could now move ahead with other maintenance and new development projects.

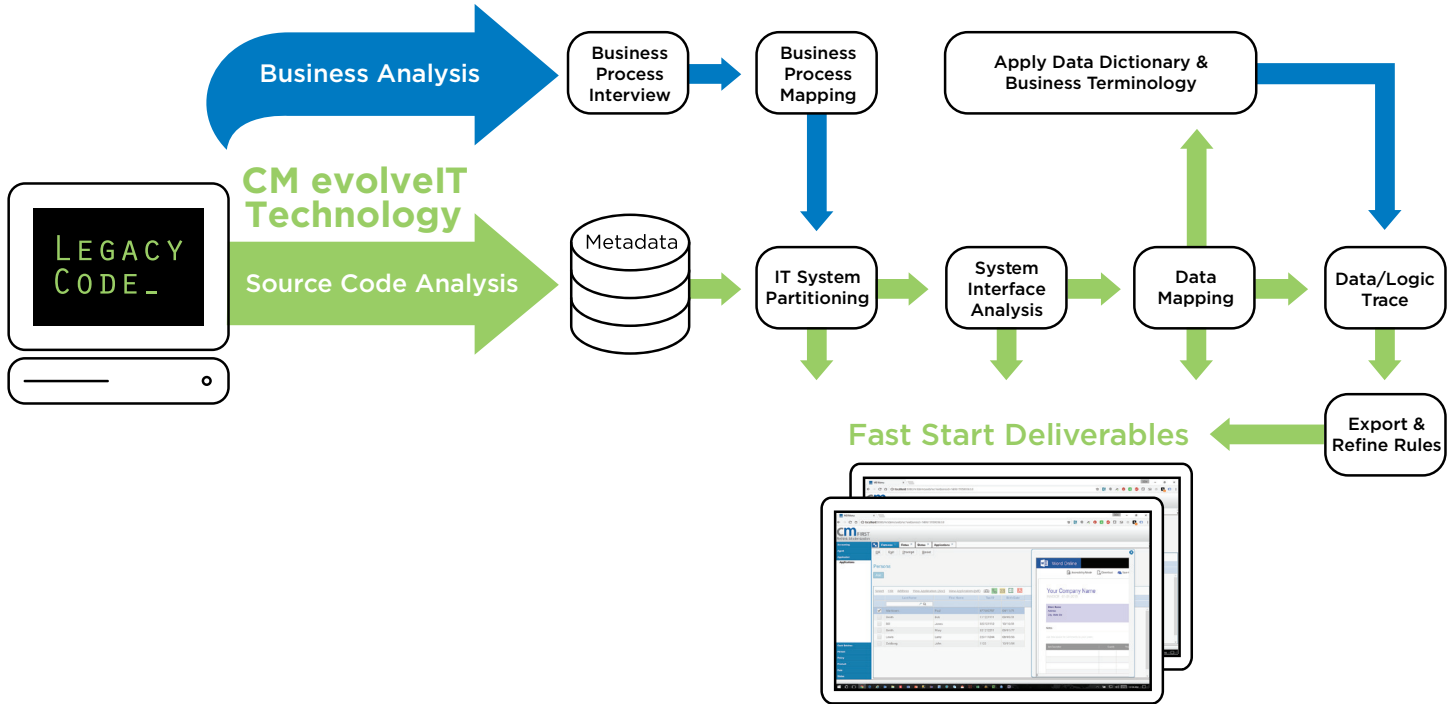
Accelerating Mainframe App . Maintenance



“The speed and accuracy amazed all of us,” noted one developer. *“And our managers were delighted at the cost savings we realized as a result of using CM evolveIT. Going forward, I can see a ton of ways we can use this solution to help us be more productive with our mainframe work.”* Continuing to maintain a lot of legacy COBOL programs? For the many companies who see the value of keeping their mainframes, CM evolveIT is a go-to solution for understanding, maintaining and improving the code base.

Our Approach

Rules harvesting projects can be made practical with the use of the CM evolveIT automation and a proven methodology. Our proprietary methodology on slicing a system is unique in the industry. We have learned how to work with customers to understand how to extract rules in a variety of contexts and situations.



ADDING MEANING TO CODE

To complete a business rule extraction project one needs strong support for the business analyst. The analyst can then see the programmed influences on the result, and decide which ones are fundamental to the business and which are simply supporting technology coding. The key notion is to trace system output data backwards through the control and data flow paths that produce or affect it, using automation to handle scale and complexity. This lets the analyst focus on the essence of the computation and its conditions, while the tool handles the problem of navigating through complex mountains of code.

CM evolveIT Benefits:

- + Enables building a business vocabulary.
- + Finds unknown rules implemented within the application code.
- + Reduces risk with phased approach.
- + Filters out non-relevant processing through the rules extraction process.
- + Improves communications between IT and Business Analysts for as is process.
- + Enhances new system object oriented design by isolating data objects and potential methods for new design.

About CM First Products

For over 30 years, CM First and the technology underlying CM First's products have been at the cutting edge of providing IT modernization solutions. In conjunction with our CM evolveIT product we have a unique methodology and services, that enables you to identify where and how business rules are enforced within your operational code and build a fully cross- referenced inventory of business rules and vocabulary alongside the application code that supports them.

For more information, visit cmfirstgroup.com/products/CMevolveIT

Request a Demo Today

Contact us for more information or to schedule a demo. Call 888-866-6179 or email us:
info@cmfirstgroup.com