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Subject: Re: FMC

Posted by [mirek](#) on Thu, 07 Aug 2008 20:17:35 GMT

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asif wrote on Thu, 07 August 2008 16:01Hi,

I would like to respectfully add that UML is not just for diagramming. It's a complete design tool for object-oriented analysis, modeling and design. Just think about designing a greater-than-300-tables database without an entity-relationship diagram!

Well, my infamous agenda project has over 600 tables And I never felt even the need to ER type diagrams.

I guess that once you are accustomed dealing with memory data structures, relation tables are not much different.

Quote:

Sameway, you are sure to hit design bugs if you try to write large object-oriented apps without expressing your design using UML.

I would argue you are going to hit design bugs with UML too...

Also, IME, UML implies sort of waterfall model, which, in my mind, is flawed from consumer's perspective. I mean, it is in fact very good for programming company, but does not lead to solving the problem. I am strong believer in the iterative approach. The application does not need to be "design bugs free" as long as you have playground area wide enough to fix them.

Quote:

I am not talking about just using UML. The UML tool you use should allow complete forward and reverse engineering of code - that is, your diagrams should change your source and your source should change the diagrams. The higher you go design/architecture wise, the more you realize the importance of UML.

Quite possible.

It is also true that "regular engineers" likely need some approach like that. Me, solving some problem, I am thinking about it 24 hours a day (even when sleeping). In that case, all these schema pictures just look funny

Mirek

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