The Enterprise Software Development Process: Methods, Tools, Patterns and Quality Assurance

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Enterprise software development implies multiple activities and usually several development teams. In this process it is essential to use proper methods, patterns, tools and technologies. The presentation is a short overview of the domain. The main topics are: development methodologies, issue tracking and project management, source code management, continuous integration and quality management. Related tools and technologies are enumerated and some best practices and tips are also presented.

References

[1] Martin Fowler, Patterns of Enterprise Application Architecture, Addison-Wesley, 2011.

[2] Robert C. Martin, Clean Code: A Handbook of Agile Software Craftsmanship, Prentice Hall, 2008.

[3] Paul M. Duvall, Steve Matyas, Andrew Glover, Continuous Integration: Improving Software Quality and Reducing Risk, Addison-Wesley, 2008.