Beyond RUP

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The increased complexity associated with large-scale software development requires an increase in the sophistication of the methodology utilized. The third generation method/process RUP is evaluated and recast to remove its deficiencies. The result is the Object-oriented Process, Environment and Notation or OPEN method/process, a public domain, third-generation approach, which is then outlined.

Object technology is a growing approach for the development of quality software. It provides a sophisticated environment to support good software engineering practice. Use of object technology should not be restricted to languages but should encompass full lifecycle support by use of an object-oriented (OO) development methodology or process. Integrated process-focused OO approaches to software development, whilst vital to successful project management, have not been a strong feature of extant approaches popularly practiced. RUP and OPEN have been developed independently primarily to address these issues.