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Software Development Methodologies: Best for Quality Software Development by [Jesse](#)

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Software development methodologies are just like standards. Though these methodologies of the software development has been defined and differentiated variously, however, there are some set methods or methodology that leads the IT Industry. Generally speaking, the software developers consider a methodology like a class that could be set up for some exacting projects. A method of methodology family is similar to a namespace of different but equivalent classes. A methodology framework resembles to an abstract class that could be started itself, and ought to be extended & inherited first. A methodology model looks a lot similar to an interface thatâ€™s only an account of something that needs to be executed by one or more classes.

Following methods could be regarded as the methodology leaders in the crowd. Each of them has gotten a status as a standard in a considerable part of the IT world.

Scrum

This agile project management methodology is a skeleton that entails some predefined roles and practices. Scrum is a highly used standard for Agile software development projects management.

Extreme Programming

Developed by Kent Beck, the extreme programming (or XP) is an agile software engineering methodology. Similar to other agile methods, XP regards ongoing changes to exigencies as a natural and desirable aspect of software development

Lean Software Development

The lean & agile concepts form a perfect match. Lean Software Development is an agile project management framework, translated from lean manufacturing to the software development.

Unified Process

Developed by Ivar Jacobson, Grady Booch and James Rumbaugh, the (USDP) Unified Software Development Process is a software engineering framework that is an extensible framework that should be customized for specific organizations and projects.

Rational Unified Process

This software engineering framework is created & maintained by the people at Rational Software (now owned by IBM), including Philippe Kruchten.

Dynamic Systems Development Method

Originally based upon the ideas of Rapid Application Development, DSDM is an agile project management methodology, created and maintained by the UK-based DSDM Consortium, which includes both vendors and experts.

Project Management Body of Knowledge

The Project Management Body of Knowledge (PMBOK) is a project management methodology, created by the US-based Project Management Institute (PMI).

Capability Maturity Model Integration

The Capability Maturity Model Integration (CMMI) is a software engineering model, originally developed by Watts Humphrey.

Apart from these, following are the methods that could be used for best software development

Microsoft Solutions Framework

Feature Driven Development

Enterprise Unified Process

Essential Unified Process

Open Unified Process

Agile Unified Process

Prince2

Crystal

Evo

Though there are many software development companies all around the globe that make use of these services, however software development in India does its best for software development services.

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