

2.1.2 Software Development Lifecycle Models in Context

The development process adopted for a project will depend on the project aims and goals. There are numerous development life cycles that have been developed in order to achieve different required objectives. These life cycles range from lightweight and fast methodologies, where time to market is of the essence, through to fully controlled and documented methodologies where quality and reliability are key drivers. Each of these methodologies has its place in modern software development and the most appropriate development process should be applied to each project. The models specify the various stages of the process and the order in which they are carried out. The life cycle model that is adopted for a project will have a big impact on the testing that is carried out. Testing does not exist in isolation; test activities