

Quiz 4
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Question: What are Quality Issues in software Re-engineering Process?

Answer: Software re-engineering process are following:

Reverse engineering:

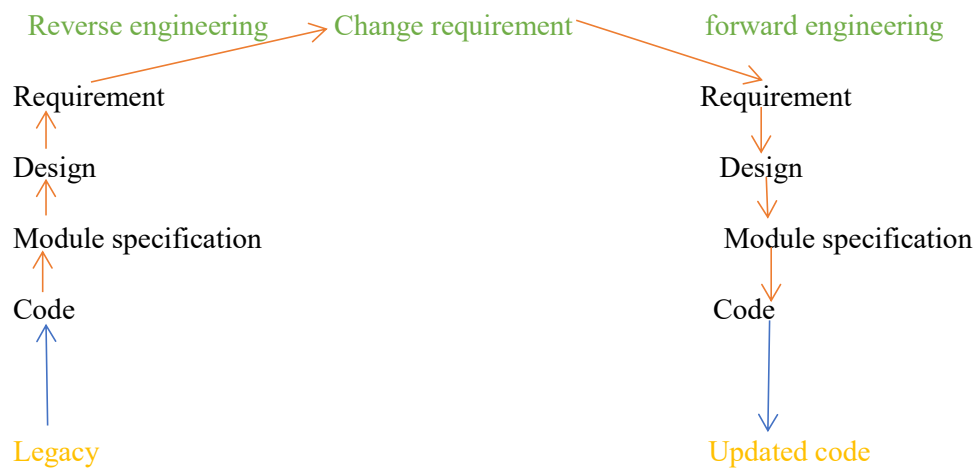
In this we analyze the software in order to understand its design and specification. In this we can derive the design & specification of the existing system from its source code. Existing(legacy system) source code is usually available as the input.

Re-structuring:

It's a process of reconstructing the source code and deciding weather to retain or change the existing source code programming language. It can not change the functionality of the software but enhance the reliability and maintainability.

Forward engineering:

It is same as software engineering process, but Its carried out after reverse engineering. In this we can use the existing software specification that we drive in reverse engineering and by using these specifications we make maintainable software of existing system



Quality issue in re-engineering is that in reverse engineering process we can't understand the existing system source code because may be there is no srs documentation or may be the language in which code is written is not exit so we can not be able to derive the correct design & specification and if specification is not correct so update code is not maintainable software system according to market value.