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The Spiral Model

The spiral model is an evolutionary software process model that couples the iterative nature of peritotyping with the controlled and systematic aspects of the linear sequential model.

A spiral model is divided into a number of framework activities, also called task regions.

- effective communication between developer and customer. Initial requirements are established using an effective communication.
- -> Clanning: tasks required to define resources, timelines and other project related information.
- -> fisk Analysis! tasks required to assess both technical and management risks.
- -> Engineering: tasks required to build one or more representations of the application. All important tasks are detailed on paper.
- construction and release: taske required to construct, test, install, and provide user support, en:
 documentation and training. Testing is also covered documentation and training alpha testing.

-> Customer evaluation: tasks required to obtain customer feedback based on evaluation of the software representations created during the engineering stage and implemented during the installation stage, A realistic approach for the development of large scale systems and software. The spiral model maintains the systematic stepwise approach suggested by the classic life cycle but incosporates it into an iterative framework that more realistically reflects the real world. Commination > concept projects Engineering Customer evaluation maintaince Construction projects and deliage The SIW engineering team moves around the spiral in a clockwise direction. The first circuit night gresult in a product expecification; subsequent passes around the spiral night be used to develop a posstotype and then more sophisticated software. Each wrant passes through six phases.

- Management -Disadvantages. , difficult to convince customers that the evalutionary approach is controllable. - Demands risk assessment expertise and relies on this enfertise for success. - If team fails to eliminate a najor risk, posoblems may occur in later stages. town primarile de philosophies 1211°9)4- -- 1000 m (A1=17/8+(1-45)/6+ 34-5-12)