

DYNAMIC SYSTEMS BIOLOGY MODELING SIMULATION

[systems theory wikipedia](#)

Systems theory is the interdisciplinary study of systems. A system is a cohesive conglomeration of interrelated and interdependent parts that is either natural or man-made. Every system is delineated by its spatial and temporal boundaries, surrounded and influenced by its environment, described by its structure and purpose or nature and expressed in its functioning.

[systems modeling wikipedia](#)

Systems modeling or system modeling is the interdisciplinary study of the use of models to conceptualize and construct systems in business and IT development.. A common type of systems modeling is function modeling, with specific techniques such as the Functional Flow Block Diagram and IDEF0. These models can be extended using functional decomposition, and can be linked to requirements models ...