System Type: *atis*AutonomousSystem

(*System type* is part of the metatheory and describes configurations and properties that characterize a specific system.)

Autonomous system, $_{A\mathcal{U}}\mathfrak{S}$**,** $=_{df}$ a system that is component-closed.

$$_{A\mathcal{U}}\mathfrak{S} =_{df} {}_{C}\mathfrak{S}^{C}$$

Autonomous system is a system that is component-closed.

Examples: Autonomous systems are similar to autark systems but are not as restrictive. That is, autark systems are closed with respect to the organic-essential subsystem, whereas an autonomous system is closed with respect to the input of all system components. Biospheres, whether on earth or mars, are supposed to function as autonomous systems. With all such systems, the one excluded input is energy from the sun. Public schools, by their very organization are not autonomous. However, specialized school clubs or private clubs may be organized such that the initial members become the only members. Such organizations are autonomous systems. Autonomous systems also included those systems that are controlled by a well-defined set of management rules that are controlled by one person, group or organization. Any system that blocks entry by other components is an autonomous system.