

Core Requirements

Cooperating Program Parts
with Well-Defined Interfaces

Distribution
of Data and
Code

Documented
Interfaces

Modeling
Entities of the
Real World

Communication

Quality

Classification and
Specialization

Adaptable
Standard
Functionality

Extendibility
and
Adaptability

Highly
Dynamic
Execution Model

Concurrency

Running
Simulations

Describing
Dynamic System
Behavior

Correctness