

1. Record Nr.	UNINA9910135402803321
Titolo	IEEE Std 1516.2-2010 (Revision of IEEE Std 1516.2-2000) : IEEE standard for modeling and simulation (M & S) high level architecture (HLA) : object model template (OMT) specification // Institute of Electrical and Electronics Engineers, IEEE-SA Standards Board
Pubbl/distr/stampa	New York : , : IEEE, , 2010
ISBN	0-7381-6249-3
Descrizione fisica	1 online resource (x, 100 pages)
Collana	IEEE Std ; ; 1516.2-2010
Disciplina	004.22
Soggetti	Computer architecture Computer simulation - Standards Mathematical models - Standards Simulation methods - Standards Electromechanical analogies - Standards Interactive computer systems - Standards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The High Level Architecture (HLA)--Object Model Template (OMT) specification defines the format and syntax (but not content) of HLA object models. Simulations are abstractions of the real world, and no one simulation can solve all of the functional needs for the modeling and simulation community. It is anticipated that advances in technology will allow for new and different modeling and simulation (M & S) implementations within the framework of the HLA. The standards contained in this architecture are interrelated and need to be considered as a product set, as a change in one is likely to have an impact on the others. As such, the HLA is an integrated approach that has been developed to provide a common architecture for simulation. Keywords: architecture, class attribute, data distribution management, federate, federation, federation execution, federation object model, framework, High Level Architecture, instance attribute, instance attribute ownership, interaction class, joined federate, object class,

object model template, rules, runtime infrastructure, simulation object
model, time-constrained, time-regulating.
