

# An Introduction to the ArchiMate® 2.1 Notation

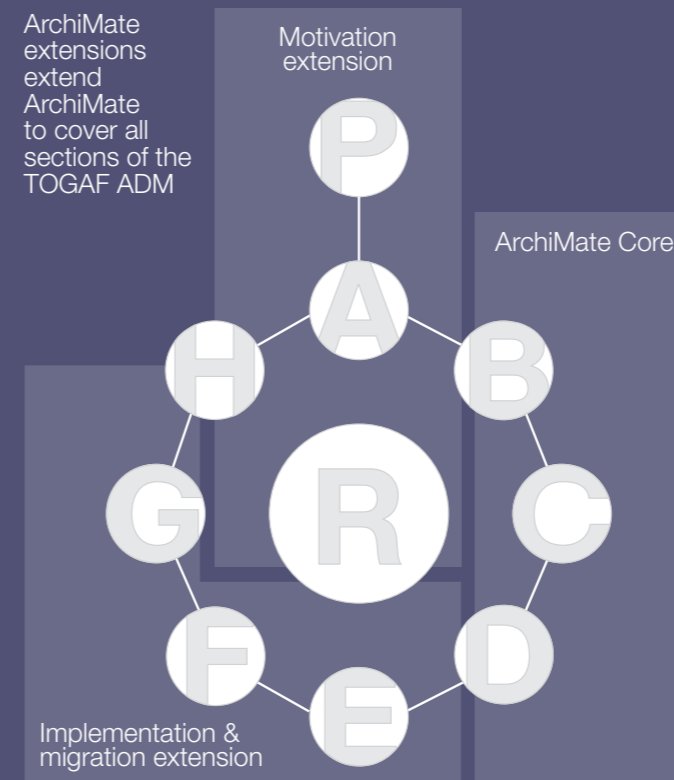
- Business Layer
- Application Layer
- Technology Layer

## Core Concepts

	Active Structures			Behavioral		Passive Structures			
Business Layer	Business Actor 	Business Role 	Business Interface 	Business Event 	Business Interaction 	Representation 	Meaning 	Business Object 	
	An organizational entity that is capable of performing behavior	The responsibility for performing specific behavior, to which an actor can be assigned	A point of access where a business service is made available to the environment	Something that happens (internally or externally) & influences behavior	Describes the behavior of a business collaboration	The perceptible form of the information carried by a business object	The knowledge or expertise present in the representation of a business object, given a particular context	A passive element that has relevance from a business perspective	
Business Layer	Business Collaboration 	Location 		Business Process 	Business Service 	Business Function 	Value 	Product 	Contract 
	An aggregate of two or more business roles that work together to perform collective behavior	A conceptual point or extent in space		A behavior element that groups behavior based on an ordering of activities. It is intended to produce a defined set of products or business services	A service that fulfills a business need for a customer (internal or external to the organization)	A behavior element that groups behavior based on a chosen set of criteria (typically required business resources and/or competences)	Value is defined as the relative worth, utility, or importance of a business service or product	A coherent collection of services, accompanied by a contract/set of agreements, which is offered as a whole to (internal or external) customers	A formal or informal specification of agreement that specifies the rights & obligations associated with a product
Application Layer	Application Component 	Application Interface 		Application Function 	Application Interaction 	Application Service 	Data Object 		
	A modular, deployable, & replaceable part of a system that encapsulates its contents & exposes its functionality through a set of interfaces	A point of access where an application service is made available to a user or another application component		Groups automated behavior that can be performed by an application component	Describes the behavior of an application collaboration	A service that exposes automated behavior	A passive element suitable for automated processing		
Technology Layer	Node 	Network 	Device 	Infrastructure Service 	Infrastructure Function 	Artifact 			
	A computational resource upon which artifacts may be deployed for execution	A physical communication medium between two or more devices	A hardware resource upon which artifacts may be stored or deployed for execution	An externally visible unit of functionality, provided by one or more nodes, exposed through well-defined interfaces, & meaningful to the environment	A behavior element that groups infrastructural behavior that can be performed by a node	A physical piece of data that is used or produced in a software development process, or by deployment and operation of a system			
Technology Layer	Infrastructure Interface 	Communication Path 	System Software 						
	A point of access where infrastructure services offered by a node can be accessed by other nodes and application components	A link between two or more nodes, through which these nodes can exchange information	A software environment for specific types of components & objects that are deployed on it in the form of artifacts						

## Extensions

### TOGAF® 9 Scope of Extensions



### Motivation Extension Object Types

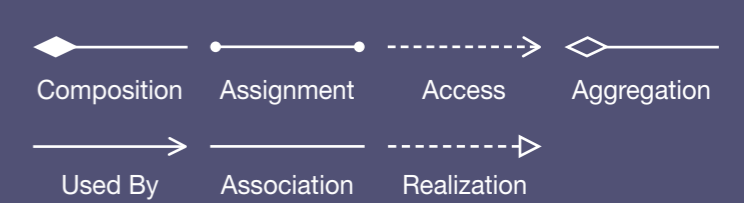
Stakeholder 	Driver 	Requirement 	Principle 
An individual, team or organization with an interest in the outcome of the architecture	Something that creates, motivates, & fuels the change in an organization	A statement of need that must be realized by a system	A normative property of all systems in a given context, or the way in which they are realized
Assessment 	Constraint 	Goal 	Influence 
An assessment is defined as the outcome of some analysis of some driver	A restriction on the way in which a system is realized	An end state that a stakeholder intends to achieve	
	Aggregation 	Realization 	

### Implementation & Migration Extension Object Types

Work Package 	Gap 	Plateau 	Deliverable 
A series of actions designed to accomplish a unique goal within a specified time	An outcome of a gap analysis between two plateaus	A relatively stable state of the architecture that exists during a limited period of time	A precisely-defined outcome of a work package

## Core Relationship Types

### Structural



### Dynamic

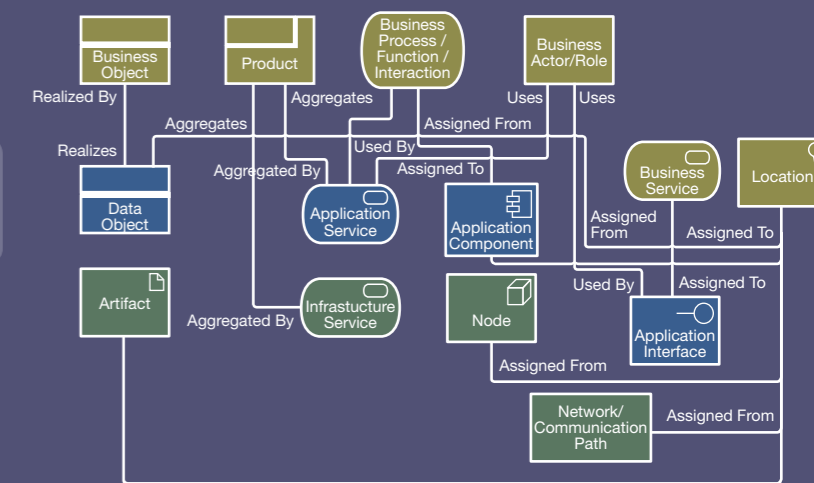


### Other



## Cross-Layer Dependencies

### Business Layer Alignment



### Application-Technology Alignment

