













Relationships and Relationship Connectors		OpenGROUP	
Structural Relationships		Notation	
Composition	Represents that an element consists of one or more other concepts.		
Aggregation	Represents that an element combines one or more other concepts.		
Assignment	Represents the allocation of responsibility, performance of behavior, storage, or execution.		
Realization	Represents that an element plays a critical role in the creation, achievement, sustenance, or operation of a more abstract element.		
Dependency Relationships		Notation	
Serving	Represents that an element provides its functionality to another element.		
Access	Represents the ability of behavior and active structure elements to observe or act upon passive structure elements.		
Influence	Represents that an element affects the implementation or achievement of some motivation element.		
Association	Represents an unspecified relationship, or one that is not represented by another ArchiMate relationship.		
Dynamic Relationships		Notation	
Triggering	Represents a temporal or causal relationship between elements.		
Flow	Represents transfer from one element to another.		
Other Relationships		Notation	
Specialization	Represents that an element is a particular kind of another element.		
Relationship Connectors		Notation	
Junction	Used to connect relationships of the same type.	 (And) Junction Or Junction	

Motivation Elements

Element	Definition	Notation	
Stakeholder	Represents the role of an individual, team, or organization (or classes thereof) that represents their interests in the effects of the architecture.		
Driver	Represents an external or internal condition that motivates an organization to define its goals and implement the changes necessary to achieve them.		
Assessment	Represents the result of an analysis of the state of affairs of the enterprise with respect to some driver.		
Goal	Represents a high-level statement of intent, direction, or desired end state for an organization and its stakeholders.		
Outcome	Represents an end result, effect, or consequence of a certain state of affairs.		
Principle	Represents a statement of intent defining a general property that applies to any system in a certain context in the architecture.		
Requirement	Represents a statement of need defining a property that applies to a specific system as described by the architecture.		
Constraint	Represents a limitation on aspects of the architecture, its implementation process, or its realization.		
Meaning	Represents the knowledge or expertise present in, or the interpretation given to, a concept in a particular context.		
Value	Represents the relative worth, utility, or importance of a concept.		

Business Layer Elements

Element	Definition	Notation	
Business Actor	Represents a business entity that is capable of performing behavior.		
Business Role	Represents the responsibility for performing specific behavior, to which an actor can be assigned, or the part an actor plays in a particular action or event.		
Business Collaboration	Represents an aggregate of two or more business internal active structure elements that work together to perform collective behavior.		
Business Interface	Represents a point of access where a business service is made available to the environment.		
Business Process	Represents a sequence of business behaviors that achieves a specific result such as a defined set of products or business services.		
Business Function	Represents a collection of business behavior based on a chosen set of criteria (typically required business resources and/or competencies), closely aligned to an organization, but not necessarily explicitly governed by the organization.		

Composite Elements				
Element	Definition	Notation		
Grouping	The grouping element aggregates or composes concepts that belong together based on some common characteristic.	<div><div>Grouping</div></div>		
Location	A location represents a conceptual or physical place or position where concepts are located (e.g., structure elements) or performed (e.g., behavior elements).	<div><div>Location</div></div>		

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Element	Definition	Notation
Application Component	Represents an encapsulation of application functionality aligned to implementation structure, which is modular and replaceable.	<div>Application Component</div>
Application Collaboration	Represents an aggregate of two or more application internal active structure elements that work together to perform collective application behavior.	<div>Application Collaboration</div>
Application Interface	Represents a point of access where application services are made available to a user, another application component, or a node.	<div>Application Interface</div>
Application Function	Represents automated behavior that can be performed by an application component.	<div>Application Function</div>
Application Interaction	Represents a unit of collective application behavior performed by (a collaboration of) two or more application components.	<div>Application Interaction</div>
Application Process	Represents a sequence of application behaviors that achieves a specific result.	<div>Application Process</div>
Application Event	Represents an application state change.	<div>Application Event</div>
Application Service	Represents an explicitly defined exposed application behavior.	<div>Application Service</div>
Data Object	Represents data structured for automated processing.	<div>Data Object</div>

Implementation and Migration Layer Elements				Strategy Layer Elements																																																																																			
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Work Package		Represents a series of actions identified and designed to achieve specific results within specified time and resource constraints.				Resource		Represents an asset owned or controlled by an individual or organization.																																																																															
Deliverable		Represents a precisely defined result of a work package.				Capability		Represents an ability that an active structure element, such as an organization, person, or system, possesses.																																																																															
Implementation Event		Represents a state change related to implementation or migration.				Value Stream		Represents a sequence of activities that create an overall result for a customer, stakeholder, or end user.																																																																															
Plateau		Represents a relatively stable state of the architecture that exists during a limited period of time.				Course of Action		Represents an approach or plan for configuring some capabilities and resources of the enterprise, undertaken to achieve a goal.																																																																															
Gap		Represents a statement of difference between two plateaus.																																																																																					
<div>SPIN GROUP</div> <h3>Technology Layer Elements</h3> <table><tr><th>Element</th><th>Definition</th><th colspan="2">Notation</th></tr><tr><td>Node</td><td>Represents a computational or physical resource that hosts, manipulates, or interacts with other computational or physical resources.</td><td></td><td></td></tr><tr><td>Device</td><td>Represents a physical IT resource upon which system software and artifacts may be stored or deployed for execution.</td><td></td><td></td></tr><tr><td>System Software</td><td>Represents software that provides or contributes to an environment for storing, executing, and using software or data deployed within it.</td><td></td><td></td></tr><tr><td>Technology Collaboration</td><td>Represents an aggregate of two or more technology internal active structure elements that work together to perform collective technology behavior.</td><td></td><td></td></tr><tr><td>Technology Interface</td><td>Represents a point of access where technology services offered by a technology internal active structure element can be accessed.</td><td></td><td></td></tr><tr><td>Path</td><td>Represents a link between two or more technology internal active structure elements, through which these elements can exchange data, energy, or material.</td><td></td><td></td></tr><tr><td>Communication Network</td><td>Represents a set of structures and behaviors that connects devices or system software for transmission, routing, and reception of data.</td><td></td><td></td></tr><tr><td>Technology Function</td><td>Represents a collection of technology behavior that can be performed by a technology internal active structure element.</td><td></td><td></td></tr><tr><td>Technology Process</td><td>Represents a sequence of technology behaviors that achieves a specific result.</td><td></td><td></td></tr><tr><td>Technology Interaction</td><td>Represents a unit of collective technology behavior performed by (a collaboration of) two or more technology internal active structure elements.</td><td></td><td></td></tr><tr><td>Technology Event</td><td>Represents a technology state change.</td><td></td><td></td></tr><tr><td>Technology Service</td><td>Represents an explicitly defined exposed technology behavior.</td><td></td><td></td></tr><tr><td>Artifact</td><td>Represents a piece of data that is used or produced in a software development process, or by deployment and operation of an IT system.</td><td></td><td></td></tr><tr><td>Equipment</td><td>Represents one or more physical machines, tools, or instruments that can create, use, store, move, or transform materials.</td><td></td><td></td></tr><tr><td>Facility</td><td>Represents a physical structure or environment.</td><td></td><td></td></tr><tr><td>Distribution Network</td><td>Represents a physical network used to transport materials or energy.</td><td></td><td></td></tr><tr><td>Material</td><td>Represents tangible physical matter or energy.</td><td></td><td></td></tr></table>						Element	Definition	Notation		Node	Represents a computational or physical resource that hosts, manipulates, or interacts with other computational or physical resources.			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