



# Principles

- Context – An order establishes the default context for its contents. Context includes, but is not limited to author, subject, record target, verifier and transcriber. An order is an assemblage of information that may be verified.
- ~~Verifiable~~ – An order is an assemblage of information that may be verified
- Management – The state of an order is managed by the entity (organization or device) that is the custodian of the order. The custodian for an order may change over time, so there need to be clear mechanisms in place in the behavioral order model for transferring custodianship of an order.
- Fulfillment – An order is intended to be fulfilled (satisfied) by the actions taken by the performer(s). The custodian of the order is responsible for determining if the actions taken by the performer fulfill the order.
- Actionable – An order clearly communicates the action to be taken by the performer(s).
- Completeness - An order includes relevant details necessary to perform the requested action(s).

# Design Principles

- Orders may be made up of many actions (or actions)

The payloads in any given interactions manifest these principles according to the assessments below. In these cases, we are not concerned with the interaction paradigm.

Three components of the behavioral model for orders are the x-axis.

Principle	Interaction	Context Wrapper	Contract
Context	O	?	M
Verifiable	M	?	M
Management	O	?	M
Fulfillment	O	?	M
Actionable	M	?	M
Completeness	O	?	M

# Appearance of Characteristics in Behavioral Model Components

Services are: Contract + Context Wrapper + Payload

Messages are: Control + Context Wrapper + Payload

Documents are Context + Payload

	Contract	Control Wrapper	Context Wrapper	Payload
Context	X		X	
Management	X	X		
Fulfillment	X	X		
Actionable				X
Completeness				X

The payloads in any given interactions manifest these principles according to the assessments below

	Interaction		
Paradigm/Principle	Document	Messages	Services
Context	M	M	M by Composition
Verifiable	M	M	M By Composition
Management	N/A	O	O
Fulfillment	O	O	O
Actionable	O	O	O
Completeness	Some – minimal awareness of the interaction	M – Complete for the interaction	O By Composition – services would

# Context Wrapper Category: Order Request

The payloads in any given interactions manifest these principles according to the rules below. The

	Interaction For Order Request		
Paradigm/Principle	Document	Messages	Services
Context	M	M	Some – By Composition
Verifiable	O	M	M By Composition
Management	N/A in current methodology	O (Optional for Inform Tracker)*	O
Fulfillment	O	M	M
Actionable	O	M	M
Completeness	Some – Minimal awareness of the interaction	M – Complete for the interaction	O By Composition

# Context Wrapper Category: Order Fulfillment

The payloads in any given interactions manifest these principles according to the rules below

	Interaction For Order Fulfillment		
Paradigm/Principle	Document – Do not seem fit for purpose	Messages	Services
Context	M	M	M - Some
Verifiable	M	M	M By Composition
Management	N/A in current methodology	O (Optional for Inform Tracker)*	O
Fulfillment	Some – Minimal	M	M
Actionable	O	M	M
Completeness	S'More – there needs to be an awareness of the request	M – Complete for the interaction	O By Composition



# Context Wrapper Category: Result Delivery

The payloads in any given interactions manifest these principles according to the rules below

	Interaction For Result Delivery		
Paradigm/Principle	Document	Messages	Services
Context			
Verifiable			
Management			
Fulfillment			
Actionable			
Completeness			

# Interaction Category: Order Request

The payloads in any given interactions manifest these principles according to the rules below. The

	Interaction For Order Request		
Paradigm/Principle	Document	Messages	Services
Context	M	M	Some – By Composition
Verifiable	O	M	M By Composition
Management	N/A in current methodology	O (Optional for Inform Tracker)*	O
Fulfillment	O	M	M
Actionable	O	M	M
Completeness	Some – Minimal awareness of the interaction	M – Complete for the interaction	O By Composition

# Interaction Category: Order Fulfillment

The payloads in any given interactions manifest these principles according to the rules below

	Interaction For Order Fulfillment		
Paradigm/Principle	Document – Do not seem fit for purpose	Messages	Services
Context	M	M	M - Some
Verifiable	M	M	M By Composition
Management	N/A in current methodology	O (Optional for Inform Tracker)*	O
Fulfillment	Some – Minimal	M	M
Actionable	O	M	M
Completeness	S'More – there needs to be an awareness of the request	M – Complete for the interaction	O By Composition

# Interaction Category: Result Delivery

The payloads in any given interactions manifest these principles according to the rules below

	Interaction For Result Delivery		
Paradigm/Principle	Document	Messages	Services
Context			
Verifiable			
Management			
Fulfillment			
Actionable			
Completeness			