

Message Handling	
<b>@Handle[Command]</b>	(M)
Handles specific message types such as commands or events.	
<b>@LocalHandler</b>	(P) (C) (M)
Handles messages locally in the thread that publishes a message.	
<b>@Trigger</b>	(P)
Injects the message that triggered the current one.	
<b>@Stateful</b>	(C)
Makes handlers persist across invocations, maintaining historical context for handling subsequent messages.	
<b>@Association</b>	(M) (F)
Associates stateful handlers with specific message properties for targeted processing.	
<b>@Consumer</b>	(C) (P)
Configures an independent message consumer that tracks a message log.	
<b>@TrackSelf</b>	(C)
Creates a non-local handler for a payload class with handler methods. Without this, the message would be handled in the publishing thread.	
<b>@Timeout</b>	(C)
Overrides the default maximum timeout for requests that are sent using sendAndWait-like methods.	
Web Message Handling	
<b>@Handle[Get]</b>	(M)
Handles web request message with given HTTP method like GET or PUT.	
<b>@[Query]Param</b>	(P)
Injects a web request parameter like a URI path or query segment.	
<b>@Path</b>	(P) (C) (M)
Specifies the path of a web request handler.	

Validation	
<b>@AssertLegal</b>	(M) (F)
Validates actions against business rules, based on entity state.	
<b>@RequiresUser</b>	(P) (C) (C) (M)
Ensures the message is sent by an authenticated user.	
<b>@RequiresRole</b>	(P) (C) (C) (M)
Checks if the user holds the required role.	
<b>@ForbidsRole</b>	(P) (C) (C) (M)
Prevents users with certain roles from performing specific actions.	
<b>@ValidateWith</b>	(C)
Allows custom validation logic for message payloads.	

Event sourcing	
<b>@Apply</b>	(C) (M)
Applies state changes to entities and stores them for event sourcing.	
<b>@InterceptApply</b>	(M)
Intercepts and modifies state changes before application.	

Modeling	
<b>@Aggregate</b>	(C)
Defines a root entity that groups related objects.	
<b>@EntityId</b>	(M) (F)
Designates the primary identifier of an entity.	
<b>@Alias</b>	(M) (F)
Marks an alternative identifier for the entity.	
<b>@Member</b>	(F)
Marks properties containing sub-entities.	

Scheduling	
<b>@Periodic</b>	(C) (M)
Schedules periodic messages that will automatically be (re)scheduled at set intervals.	

Search	
<b>@Facet</b>	(C) (M) (F)
Adds faceted search functionality for filtering across multiple criteria.	
<b>@SearchExclude</b>	(C) (M) (F)
Excludes properties or classes from search indexing.	
<b>@SearchInclude</b>	(C) (M) (F)
Includes specific properties for search, overriding exclusions.	

Versioning	
<b>@Ucast</b>	(M)
Converts older data versions to the latest format.	
<b>@Downcast</b>	(M)
Converts newer data to older formats for compatibility.	
<b>@Revision</b>	(C)
Specifies the revision or version of a data object.	

Filtering	
<b>@FilterContent</b>	(M)
Filters out sensitive or unnecessary data based on user permissions.	
<b>@ProtectData</b>	(C) (M)
Removes sensitive data from a message before transmission and returns it before handling.	
<b>@DropProtectedData</b>	(C) (M)
Removes sensitive data from a message before transmission and returns it before handling.	

<b>Message Publication</b>	<b>Search</b>	<b>Modeling</b>
<b><i>send(Command)</i></b>	<b><i>index</i></b>	<b><i>loadAggregate</i></b>
Sends specific message types such as commands or queries and returns a CompletableFuture with the result.	Indexes an object for search, replacing any document with the same id.	Loads the root entity with given id.
<b><i>(query)AndWait</i></b>	<b><i>search</i></b>	<b><i>loadAggregateFor</i></b>
Sends specific message types such as commands or queries and blocks until receipt of the result.	Prepares a search in one or more collections.	Loads the root entity for a (child) entity with given id.
<b><i>sendAndForgetCommand</i></b>	<b><i>getDocument</i></b>	<b><i>loadEntity</i></b>
Sends a command without waiting for its result.	Gets a document by id.	Loads the root or child entity with given id.
<b><i>publishEvent</i></b>	<b><i>deleteDocument</i></b>	<b>Entity.assertLegal</b>
Publishes an event.	Deletes a document by id.	Check if a given command is legal given the state of the entity using @AssertLegal annotations.
	<b><i>deleteCollection</i></b>	<b>Entity.apply</b>
	Deletes a collection.	Apply an update to the entity using @Apply annotations.
<b>Scheduling</b>	<b>Search.match</b>	<b>Entity.assertAndApply</b>
<b><i>schedule</i></b>	Match documents that contain one or more words.	Combination of assertLegal and apply.
Appends a message to the Schedules log to be released in the future.	<b>Search.lookAhead</b>	
<b><i>scheduleCommand</i></b>	Match documents with words that start with a given string.	
Schedules a command for some time in the future.	<b>Search.matchFacet</b>	
<b><i>schedulePeriodic</i></b>	Match documents with matching facets, see @Facet.	
Schedules a periodic message, see @Periodic.	<b>Search.inPeriod</b>	
<b><i>cancelSchedule</i></b>	Match documents that fall within a certain time period.	
Cancels a scheduled message or command.	<b>Search.between</b>	
	Match documents with properties that fall within a certain range (min/max).	
<b>Utilities</b>	<b>Search.fetch</b>	
<b><i>currentTime</i></b>	Fetches a maximum number of matching documents.	
Get the current time Instant from the internal clock used by Fluxzero.	<b>Search.fetchAll</b>	
<b><i>generateId</i></b>	Fetches all matching documents.	
Generates a new identifier using the identity provider used by Fluxzero.	<b>Search.fetchFirst</b>	
	Fetches the first matching document.	
	<b>Search.facetStats</b>	
	Count occurrences of facets in all matching documents, see @Facet.	
	<b>Search.delete</b>	
	Deletes all matching documents.	
		<b>Testing</b>
		<b>TestFixture.create</b>
		Creates a synchronous test fixture for given-when-then tests. Handlers are registered as local handlers.
		<b>TestFixture.createAsync</b>
		Creates an asynchronous test fixture for given-when-then tests. Handlers are registered as in a real application.
		<b>TestFixture.given(...)</b>
		Specify preconditions that have occurred prior to the behaviour you want to test.
		<b>TestFixture.when(...)</b>
		Specify the action you want to test the behaviour of.
		<b>ResultValidator.then(...)</b>
		Specify the expected behaviour of the 'when' phase.