Let’s Coordinate - Reference documentation

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1. Introduction

1.1. Purpose of the document

The objective of this documentation is to present Let’s Coordinate from a developer perspective.

2. Configuration files

2.1. application.yml

Attributes	Mandatory / Optional	Values	Type	Description
letsco.kafka.input-topic-pattern	M	letsco_eventmessage_input.*	String	The pattern of the kafka input topic name
letsco.kafka.default-input-topic	M	letsco_eventmessage_input	String	The default name of the kafka input topic
letsco.kafka.default-output-topic	M	letsco_eventmessage_output	String	The default name of the kafka output topic
letsco.timezone	M	Europe/London, Europe/Paris, Europe/Rome, UTC, UTC+1, UTC-04:00, GMT-5	String	This param represent the timezone used in allover letsco-api application. The default value is "Europe/Paris"
letsco.input-file.dir	M	D:_RTE_\tmp\input	String	This attribute is DEPRECATED ⇒ Should be removed!
letsco.input-file.validation.accept-properties-ignore-case	M	true or false	Boolean	When this param is set to true, it means that the fields names in the input files (JSON or Excel) will be accepted without checking its case (e.g: both field names "filename" and "fileName" will be accepted and treated the same way). However, when this attribute false is set to false, the field names are accepted only if they are written exactly like in the implementation guide.

Attributes	Mandatory / Optional	Values	Type	Description
letsco.input-file.validation.fail-on-unknown-properties	M	true or false	Boolean	When this param is set to true and an unknown field name is found in the input file, an exception is thrown by the program and the treatment of the input file will be stopped. However, when this param is set to false (the default value) and an unknown field is found, this last will be ignored and the input file processing will continue.
letsco.security.allowed-origins	O	http://localhost:4200	List<String>	The list of web request's origins allowed by the letsco-api module (e.g: used to resolve CORS access problem between the frontend and the backend)
letsco.security.clientId	M	opfab-client	String	The name of the keycloak client used by LetsCo
letsco.coordination.lttd.scheduler-fixed-delay	M	3000	Numeric	The time in milliseconds between 2 treatments of the scheduler checking if the LTTD (Last Time To Decide) is expired

Attributes	Mandatory / Optional	Values	Type	Description
letsco.coordination.lttd.default-lttd	M	AFTER_2_HOURS	Enumeration	The LTTD (Last Time To Decide) will be expired in 2 hours from the coordination creation time
		AT_8_PM	Enumeration	The LTTD (Last Time To Decide) will be expired at 8PM. If the coordination is created after 8PM of the same day, the LTTD (Last Time To Decide) will be 8PM of the next day.
letsco.coordination.lttd.apply-default-lttd-if-no-specific-lttd-found	M	true or false	Boolean	When set to true, the default-lttd value will be applyed to any coordination notification without LTTD (Last Time To Decide)
letsco.coordination.lttd.specific-lttd	O	servicea_coordinationa: AT_8_PM	Map<String, Enumeration>	This parametre allows to define explicitly the list of notification that have a LTTD (it is useful when we the param apply-default-lttd-if-no-specific-lttd-found equals false). To do this, we should provide the data on a [key:value] format. e.g: servicea_coordinationa: AT_8_PM ⇒ this means that we define the LTTD at 8PM for the notification servicea_coordinationa

Attributes	Mandatory / Optional	Values	Type	Description
letsco.coordination.coordination-status-calculation-strategy	M	MAJORITY	Enumeration	This param allows to define the strategy to calculate the coordination status based on the responses provided by the users. In this case the coordination status will be based on the majority of responses.
		BEST_CASE	Enumeration	This param allows to define the strategy to calculate the coordination status based on the responses provided by the users. In this case the coordination status will be based on responses best case.
		WORST_CASE	Enumeration	This param allows to define the strategy to calculate the coordination status based on the responses provided by the users. In this case the coordination status will be based on responses worst case.
letsco.coordination.coordination-status-calculation-rules	M		Map<Enumeration, Map>	This param allows to define the rules to generate the coordination status for each strategy

Attributes	Mandatory / Optional	Values	Type	Description
letsco.coordination.coordination-status-calculation-rules.WORST_CASE	M	con-con-con: CON rej-rej-rej: REJ not-not-not: REJ mix-mix-mix: MIX con-con-rej: REJ con-rej-rej: REJ con-con-mix: MIX con-rej-mix: REJ con-con-not: REJ	Map<String, Enumeration>	This param allows to define the rules to generate the coordination status for the WORST_CASE strategy

Attributes	Mandatory / Optional	Values	Type	Description
letsco.coordination.coordination-status-calculation-rules.BEST_CASE	M	con-con-con: CON rej-rej-rej: REJ not-not-not: CON mix-mix-mix: MIX con-con-rej: CON con-rej-rej: CON con-con-mix: CON con-rej-mix: CON con-con-not: CON	Map<String, Enumeration>	This param allows to define the rules to generate the coordination status for the BEST_CASE strategy

Attributes	Mandatory / Optional	Values	Type	Description
letsco.coordination.coordination-status-calculation-rules.MAJORITY	M	con-con-con: CON rej-rej-rej: REJ not-not-not: NOT mix-mix-mix: MIX con-con-rej: CON con-rej-rej: REJ con-con-mix: CON con-rej-mix: MIX con-con-not: CON	Map<String, Enumeration>	This param allows to define the rules to generate the coordination status for the MAJORITY strategy
letsco.coordination.not-answered-default-case	M	true or false	Boolean	If true, the coordination status `NOT` will be replaced by a status defined by the not-answered-default-case-rules configuration
letsco.coordination.not-answered-default-case-rules	M	WORST_CASE: REJ BEST_CASE: CON MAJORITY: MIX	Map<Enumeration, Enumeration>	This configuration defines the rules to apply in order to replace the `NOT` status by the appropriate one if needed

Attributes	Mandatory / Optional	Values	Type	Description
letsco.coordination.enable-case-id-auto-generation	M	true or false	Boolean	If this config is enabled, the case id will be generated when not provided in the input file. The generated case id is based on the following fields: source, businessApplication, messageTypeName, businessDayFrom and businessDayTo

2.2. coordination.properties