



Default Diagram

Table appsource		
Idx	Name	Data Type
* Pk	code	INT
*	name	VARCHAR(120)
Indexes		
Type	Name	On
Pk	pk_appsource	code
Options		
engine=InnoDB		

Table attempt_log		
Idx	Name	Data Type
*	output	LONGTEXT
*	created	TIMESTAMP DEFAULT current_timestamp()
* Idx	status	INT
*	modified	TIMESTAMP DEFAULT current_timestamp()
*	engine_id	INT DEFAULT 0
* Pk	attempt	INT DEFAULT 1
* Pk	step	BIGINT
Indexes		
Type	Name	On
Pk	pk_step_log	step, attempt
	fk_step_log_wf_status	status
Foreign Keys		
Type	Name	On
	fk_step_log_wf_status (status) ref wfi_status (code)	
	fk_step_log_wf_step (step) ref wfi_step (id)	
Options		
engine=InnoDB		

Table environment		
Idx	Name	Data Type
* Pk	code	INT
* Unq	name	VARCHAR(100)
Indexes		
Type	Name	On
Pk	pk_environment_0	code
Unq	unq_environment_0	name
Options		
engine=InnoDB		

Table step_belongs_to		
Idx	Name	Data Type
* Pk	phase_id	BIGINT
* Pk	step_id	BIGINT
Indexes		
Type	Name	On

Table step_belongs_to

Pk	pk_step_belongs_to	step_id, phase_id
	fk_step_belongs_to_wf_group	phase_id

Foreign Keys

Type	Name	On
	fk_step_belongs_to_wf_step (step_id) ref wfi_step (id)	
	fk_step_belongs_to_wf_group (phase_id) ref wfi_phase (id)	

Options

engine=InnoDB

Table step_info

Idx	Name	Data Type
	message	TEXT
	output	LONGTEXT
* Pk	step	BIGINT

Indexes

Type	Name	On
Pk	pk_step_info	step

Foreign Keys

Type	Name	On
	fk_step_info_wfi_step (step) ref wfi_step (id)	

Options

engine=InnoDB

Table wf_belongs_to

Idx	Name	Data Type
* Pk	source	INT
* Pk	wf_id	INT

Indexes

Type	Name	On
Pk	pk_wf_belongs_to	wf_id, source

Foreign Keys

Type	Name	On
	fk_wf_belongs_to_appsource (source) ref appsource (code)	
	fk_wf_belongs_to_workflow (wf_id) ref workflow (id)	

Options

engine=InnoDB

Table wf_engine

Idx	Name	Data Type	Description
* Idx	environment	INT	
* Pk	id	INT AUTO_INCREMENT	
* Unq	name	VARCHAR(100)	
*	last_beat	TIMESTAMP DEFAULT current_timestamp()	heat beat every 60 seconds, to show that the engine is alive.
*	status	INT DEFAULT 1	0-dead 1-active 2- retired

Indexes

Type	Name	On	Description
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Table wf_engine

Pk	pk_environment	id
Unq	unq_environment	name
	fk_wf_engine_environment	environment

Foreign Keys

Type	Name	On	Description
	fk_wf_engine_environment (environment) ref environment (code)		

Options

engine=InnoDB
AUTO_INCREMENT 1500

Table wf_info

Idx	Name	Data Type
* Pk	wfi	BIGINT
	parameters	LONGTEXT
	url_overrides	LONGTEXT

Indexes

Type	Name	On
Pk	pk_wf_info	wfi

Foreign Keys

Type	Name	On
	fk_wf_info_wf_instance (wfi) ref wf_instance (id)	

Options

engine=InnoDB

Table wf_instance

Idx	Name	Data Type	Description
* Unq	guid	VARCHAR(42) DEFAULT 'uuid()'	
*	locked_by	INT DEFAULT 0	Engine Owner
* Idx	wf_version	INT	
* Idx	env	INT	
*	created	TIMESTAMP DEFAULT current_timestamp()	
* Pk	id	BIGINT AUTO_INCREMENT	
*	modified	TIMESTAMP DEFAULT current_timestamp()	
* Idx	status	INT	

Indexes

Type	Name	On	Description
Pk	pk_wf_instance	id	
Unq	unq_wf_instance	guid	
	fk_wf_instance_wf_version	wf_version	
	fk_wf_instance_wf_status	status	
	fk_wf_instance_environment	env	

Foreign Keys

Type	Name	On	Description
	fk_wf_instance_wf_version (wf_version) ref wf_version (id)		
	fk_wf_instance_wf_status (status) ref wfi_status (code)		
	fk_wf_instance_environment (env) ref environment (code)		

Table wf_instance

Options

engine=InnoDB
AUTO_INCREMENT 1200

Table wf_version

Idx	Name	Data Type
* Unq	workflow	INT
* Pk	id	INT AUTO_INCREMENT
* Unq	version	INT
*	definition	LONGTEXT CHARACTER SET utf8mb4 COLLATE utf8mb4_bin
*	created	TIMESTAMP DEFAULT current_timestamp()
*	active	BIT DEFAULT 1
*	published	BIT DEFAULT 0
* Unq	guid	VARCHAR(42) DEFAULT 'uuid()'

Indexes

Type	Name	On
Pk	pk_workflow_version	id
	fk_workflow_version_workflow	workflow
Unq	unq_wf_version	workflow, version
Unq	unq_wf_version_0	guid

Foreign Keys

Type	Name	On
	fk_workflow_version_workflow (workflow) ref workflow (id)	

Constraints

Name	Definition
cns_wf_version_definition	json_valid(`definition`)

Options

engine=InnoDB
AUTO_INCREMENT 1200

Table wfi_belongs_to

Idx	Name	Data Type
* Pk	source	INT
* Pk	wfi_id	BIGINT
*	owner	BIGINT DEFAULT 0
	ref	VARCHAR(45)

Indexes

Type	Name	On
Pk	pk_wfi_belongs_to	wfi_id, source

Foreign Keys

Type	Name	On
	fk_wfi_belongs_to_appsource (source) ref appsource (code)	
	fk_wfi_belongs_to_wf_instance (wfi_id) ref wf_instance (id)	

Options

engine=InnoDB

Table wfi_phase

Idx	Name	Data Type
* Idx	wfi	BIGINT

Table wfi_phase

*	code	INT
* Pk	id	BIGINT AUTO_INCREMENT
*	attempt	INT DEFAULT 1
* Idx	status	INT

Indexes

Type	Name	On
Pk	pk_wf_group	id
	fk_wf_group_wf_instance	wfi
	fk_wf_group_wf_status	status

Foreign Keys

Type	Name	On
	fk_wf_group_wf_instance (wfi) ref wf_instance (id)	
	fk_wf_group_wf_status (status) ref wfi_status (code)	

Options

engine=InnoDB
AUTO_INCREMENT 1100

Table wfi_status

Idx	Name	Data Type
* Pk	code	INT
* Unq	name	VARCHAR(120)

Indexes

Type	Name	On
Pk	pk_wf_status	code
Unq	unq_wf_status	name

Options

engine=InnoDB

Table wfi_step

Idx	Name	Data Type
* Idx	wfi	BIGINT
*	code	INT
*	attempt	INT DEFAULT 1
* Idx	status	INT
*	created	TIMESTAMP DEFAULT current_timestamp()
*	modified	TIMESTAMP DEFAULT current_timestamp()
*	timeout	TIMESTAMP DEFAULT current_timestamp()
* Pk	id	BIGINT AUTO_INCREMENT
*	engine_id	INT DEFAULT 0

Indexes

Type	Name	On
Pk	pk_wf_step	id
	fk_wf_step_wf_instance	wfi
	fk_wf_step_wf_status	status

Foreign Keys

Type	Name	On
	fk_wf_step_wf_instance (wfi) ref wf_instance (id)	
	fk_wf_step_wf_status (status) ref wfi_status (code)	

Options

Table wfi_step

engine=InnoDB
AUTO_INCREMENT 900

Table workflow

Idx	Name	Data Type
* Pk	id	INT AUTO_INCREMENT
* Unq	code	INT
* Unq	name	VARCHAR(120)

Indexes

Type	Name	On
Pk	pk_workflow	id
Unq	unq_workflow	name
Unq	unq_workflow_0	code

Options

engine=InnoDB
AUTO_INCREMENT 1200