

batch		
PK	batch_id	Long
FK1, IX1	incubator_id	Long
	date_set	LocalDate
	lockdown_date	LocalDate N
	expected_hatch_date	LocalDate N
	num_eggs_set	int
	notes	String N
	batch_status	String N

incubator		
PK	incubator_id	Long
IX1	name	String
	model	String
	target_temperature	double
	target_humidity	double
	notes	String N
	active	boolean

Every batch belongs to an incubator; each incubator has many batches.

Every batch has one or more egg groups; each egg group belongs to a batch.

egg_group		
PK	egg_group_id	Long
FK1, IX1	batch_id	Long
	breed	String
	initial_egg_count	int
	notes	String N

Every egg group has many eggs; Each egg belongs to an egg group.

egg		
PK	egg_id	Long
FK1, IX1	egg_group_id	Long
	hatch_status	String N
	final_notes	String N

Each egg can have zero or more candling observations; each candling observation belongs to an egg.

candling_observation		
PK	observation_id	Long
FK1, IX1	egg_id	Long
	day_number	int
	development_status	String N
	notes	String N
	timestamp	Instant