

DATABASE:

```
truncate table Produced;  
truncate table Consumer_Attempts;  
truncate table Consumed;  
truncate table Errors;  
truncate table ScheduledBusinessEvents;  
truncate table ScheduledBusinessEventsExecution;
```

```
INSERT INTO test  
(  
    business_event_instance_id,  
    consumer_id,  
    consumer_type,  
    actor_id,  
    consumer_execution_id,  
    consumer_action_id  
) VALUES ('cece93ad88b949e6a3bce82b5d21ea9a',  
'cece93ad-88b9-49e6-a3bc-e82b5d21ea9a',  
'subscription',  
null,  
'{"execRequestId":"ec53ff33-eb18-49c6-b101-712267001747"}',  
'subscriptionConsumerId');
```

```
SET GLOBAL event_scheduler = ON;
```

```
SET GLOBAL event_scheduler = OFF;
```

```
/* STORED PROCEDURE */  
DROP PROCEDURE IF EXISTS transferJobs;  
DELIMITER $$  
CREATE PROCEDURE transferJobs()  
BEGIN  
  
    DECLARE exit handler for sqlexception  
    BEGIN  
        ROLLBACK;  
    END;  
END;
```

```

START TRANSACTION;
PREPARE stmt1 FROM 'UPDATE ScheduledBusinessEvents SET status =
"InProgress" WHERE executionTime <= NOW() AND status IS NULL';
EXECUTE stmt1;
PREPARE stmt2 FROM 'INSERT IGNORE INTO
business_events.ScheduledBusinessEventsExecution(clientId,eventId,businessE
ventId,entityId,executionTime,dateCreated,lastModified) SELECT
clientId,eventId,businessEventId,entityId,executionTime,dateCreated,lastModifi
ed FROM ScheduledBusinessEvents WHERE status = "InProgress"';
EXECUTE stmt2;
PREPARE stmt3 FROM 'UPDATE ScheduledBusinessEvents SET status =
"Completed" WHERE executionTime <= NOW() AND status = "InProgress"';
EXECUTE stmt3;
COMMIT;
END
$$
DELIMITER ;

```

```

/* EVENT SCHEDULER */

```

```

DROP EVENT IF EXISTS jobs_polling_event_scheduler;
DELIMITER $$

```

```

CREATE EVENT IF NOT EXISTS jobs_polling_event_scheduler
ON SCHEDULE EVERY 30 SECOND
ON COMPLETION PRESERVE
DO
BEGIN

```

```

CALL transferJobs();

```

```

END$$
DELIMITER ;

```

```

select lower(hex(consumer_id)) from Consumer_Attempts where date =
'2021-07-14 19:58:51.003';

```

```

drop table test;

```

```

new:

```

```

CREATE TABLE `Consumed` (
  `business_event_instance_id` binary(16) NOT NULL,

```

```

`consumer_id` binary(16) NOT NULL,
`date` datetime(3) NOT NULL DEFAULT CURRENT_TIMESTAMP(3),
`consumer_type` enum('logiflow','etl','subscription') NOT NULL,
`actor_id` varchar(100) DEFAULT NULL,
`consumer_execution_id` json DEFAULT NULL,
`consumer_action_id` binary(16) NOT NULL,
`process_status` tinyint(1) NOT NULL DEFAULT '0',
PRIMARY KEY (`business_event_instance_id`, `consumer_id`),
KEY `consumer_id` (`consumer_id`),
KEY `business_event_instance_id` (`business_event_instance_id`),
KEY `date` (`date`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

```

old:

```

CREATE TABLE `Consumed` (
  `business_event_instance_id` binary(16) NOT NULL,
  `consumer_id` binary(16) NOT NULL,
  `date` datetime(3) NOT NULL DEFAULT CURRENT_TIMESTAMP(3),
  `consumer_type` enum('logiflow','etl') NOT NULL,
  `actor_id` varchar(100) DEFAULT NULL,
  `consumer_execution_id` json DEFAULT NULL,
  `consumer_action_id` binary(16) NOT NULL,
  `process_status` tinyint(1) NOT NULL DEFAULT '0',
  PRIMARY KEY (`business_event_instance_id`, `consumer_id`),
  KEY `consumer_id` (`consumer_id`),
  KEY `business_event_instance_id` (`business_event_instance_id`),
  KEY `date` (`date`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

```