

9. Apéndice C

9.1. Trigger

```
DROP TRIGGER IF EXISTS `new_trigger`;  
  
-----  
-- Trigger DDL  
-----  
  
DELIMITER ;;  
  
CREATE TRIGGER `new_trigger`  
after insert on in_transfers  
  
for each row begin  
  
    declare vTotal integer;  
    declare vTotalPax integer;  
    declare i integer;  
    declare vOldReserva varchar(20);  
  
    select count(*) into vTotal  
    from in_reserva  
    where in_hotel = NEW.in_hotel  
        and in_locator = NEW.in_locator  
        and in_charter = NEW.in_charter  
        and in_comments = NEW.in_comments  
        and in_arrival_carrier = NEW.in_arrival_carrier  
        and in_arrival_flight = NEW.in_arrival_flight  
        and in_arrival_time = NEW.in_arrival_time  
        and in_depart_carrier = NEW.in_depart_carrier  
        and in_depart_flight = NEW.in_depart_flight  
        and in_depart_time = NEW.in_depart_time  
        and in_arrival = NEW.in_arrival  
        and in_depart = NEW.in_depart  
        and in_adult = NEW.in_adult  
        and in_children = NEW.in_children  
        and in_infant = NEW.in_infant  
        and in_room = NEW.in_room  
        and in_rate = NEW.in_rate;  
  
    set vTotalPax = NEW.in_adult+NEW.in_children+NEW.in_infant;  
  
    if (NEW.in_action = 'B' and vTotal <= 0) then  
        -- New  
  
        -- Gets the current booking  
        select in_reserva into vOldReserva  
        from in_reserva  
        where in_hotel = NEW.in_hotel  
            and in_locator = NEW.in_locator  
            and in_charter = NEW.in_charter;  
  
        delete from in_reserva  
        where in_hotel = NEW.in_hotel  
            and in_locator = NEW.in_locator  
            and in_charter = NEW.in_charter;  
  
        insert into in_reserva  
        (in_hotel, in_locator, in_reserva, in_charter, in_country, in_comments,  
        in_arrival_carrier, in_arrival_flight, in_arrival_time,  
        in_depart_carrier, in_depart_flight, in_depart_time,
```

```

        in_arrival, in_depart, in_source, in_adult, in_children, in_infant,
        in_inpd, in_room, in_rate) values
    (NEW.in_hotel, NEW.in_locator, NEW.in_reserva, NEW.in_charter, NEW.in_country,
NEW.in_comments,
    NEW.in_arrival_carrier, NEW.in_arrival_flight, NEW.in_arrival_time,
    NEW.in_depart_carrier, NEW.in_depart_flight, NEW.in_depart_time,
    NEW.in_arrival, NEW.in_depart, NEW.in_source, NEW.in_adult, NEW.in_children,
NEW.in_infant,
    current_timestamp(), NEW.in_room, NEW.in_rate);

delete from in_reserva_names
where in_hotel = NEW.in_hotel
    and in_reserva = vOldReserva;

if LENGTH(NEW.in_pax1_lastn) > 0 then
    insert into in_reserva_names
        (in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
        (NEW.in_hotel, NEW.in_reserva, 1, NEW.in_pax1_lastn, NEW.in_pax1_firstn,
NEW.in_pax1_type, NEW.in_pax1_age);
end if;

if LENGTH(NEW.in_pax2_lastn) > 0 then
    insert into in_reserva_names
        (in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
        (NEW.in_hotel, NEW.in_reserva, 2, NEW.in_pax2_lastn, NEW.in_pax2_firstn,
NEW.in_pax2_type, NEW.in_pax2_age);
end if;

if LENGTH(NEW.in_pax3_lastn) > 0 then
    insert into in_reserva_names
        (in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
        (NEW.in_hotel, NEW.in_reserva, 3, NEW.in_pax3_lastn, NEW.in_pax3_firstn,
NEW.in_pax3_type, NEW.in_pax3_age);
end if;

if LENGTH(NEW.in_pax4_lastn) > 0 then
    insert into in_reserva_names
        (in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
        (NEW.in_hotel, NEW.in_reserva, 4, NEW.in_pax4_lastn, NEW.in_pax4_firstn,
NEW.in_pax4_type, NEW.in_pax4_age);
end if;

if LENGTH(NEW.in_pax5_lastn) > 0 then
    insert into in_reserva_names
        (in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
        (NEW.in_hotel, NEW.in_reserva, 5, NEW.in_pax5_lastn, NEW.in_pax5_firstn,
NEW.in_pax5_type, NEW.in_pax5_age);
end if;

if LENGTH(NEW.in_pax6_lastn) > 0 then
    insert into in_reserva_names
        (in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
        (NEW.in_hotel, NEW.in_reserva, 6, NEW.in_pax6_lastn, NEW.in_pax6_firstn,
NEW.in_pax6_type, NEW.in_pax6_age);
end if;

end if;

if (NEW.in_action = 'M' and vTotal <= 0) then
    -- Modified

    -- Gets the current booking
    select in_reserva into vOldReserva
    from in_reserva
    where in_hotel = NEW.in_hotel
        and in_locator = NEW.in_locator
        and in_charter = NEW.in_charter;

    update in_reserva set
        in_hotel = NEW.in_hotel,

```

```

in_locator = NEW.in_locator,
in_charter = NEW.in_charter,
in_comments = NEW.in_comments,
in_arrival_carrier = NEW.in_arrival_carrier,
in_arrival_flight = NEW.in_arrival_flight,
in_arrival_time = NEW.in_arrival_time,
in_depart_carrier = NEW.in_depart_carrier,
in_depart_flight = NEW.in_depart_flight,
in_depart_time = NEW.in_depart_time,
in_arrival = NEW.in_arrival,
in_depart = NEW.in_depart,
in_adult = NEW.in_adult,
in_children = NEW.in_children,
in_infant = NEW.in_infant,
in_room = NEW.in_room,
in_rate = NEW.in_rate,
in_mod_d = current_timestamp()
where in_hotel = NEW.in_hotel
and in_reserva = vOldReserva
and in_charter = NEW.in_charter;

delete from in_reserva_names
where in_hotel = NEW.in_hotel
and in_reserva = vOldReserva;

if LENGTH(NEW.in_pax1_lastn) > 0 then
insert into in_reserva_names
(in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
(NEW.in_hotel, vOldReserva, 1, NEW.in_pax1_lastn, NEW.in_pax1_firstn,
NEW.in_pax1_type, NEW.in_pax1_age);
end if;

if LENGTH(NEW.in_pax2_lastn) > 0 then
insert into in_reserva_names
(in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
(NEW.in_hotel, vOldReserva, 2, NEW.in_pax2_lastn, NEW.in_pax2_firstn,
NEW.in_pax2_type, NEW.in_pax2_age);
end if;

if LENGTH(NEW.in_pax3_lastn) > 0 then
insert into in_reserva_names
(in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
(NEW.in_hotel, vOldReserva, 3, NEW.in_pax3_lastn, NEW.in_pax3_firstn,
NEW.in_pax3_type, NEW.in_pax3_age);
end if;

if LENGTH(NEW.in_pax4_lastn) > 0 then
insert into in_reserva_names
(in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
(NEW.in_hotel, vOldReserva, 4, NEW.in_pax4_lastn, NEW.in_pax4_firstn,
NEW.in_pax4_type, NEW.in_pax4_age);
end if;

if LENGTH(NEW.in_pax5_lastn) > 0 then
insert into in_reserva_names
(in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
(NEW.in_hotel, vOldReserva, 5, NEW.in_pax5_lastn, NEW.in_pax5_firstn,
NEW.in_pax5_type, NEW.in_pax5_age);
end if;

if LENGTH(NEW.in_pax6_lastn) > 0 then
insert into in_reserva_names
(in_hotel, in_reserva, in_sequence, in_last_n, in_first_n, in_type, in_age) values
(NEW.in_hotel, vOldReserva, 6, NEW.in_pax6_lastn, NEW.in_pax6_firstn,
NEW.in_pax6_type, NEW.in_pax6_age);
end if;

end if;

if (NEW.in_action = 'C') then

```

```
-- Canceled

-- Gets the current booking
select in_reserva into vOldReserva
from in_reserva
where in_hotel = NEW.in_hotel
      and in_locator = NEW.in_locator
      and in_charter = NEW.in_charter;

-- Updates the reservation
update in_reserva set
  in_cxl_d = current_timestamp()
where in_hotel = NEW.in_hotel
      and in_reserva = vOldReserva
      and in_charter = NEW.in_charter;

end if;

end;
;;
```