

SELECT

room\_type.id as room\_type\_id,

 room\_type.room\_type as room\_type,

rooms.roomnum as room\_number,

booking.arrival,

booking.checkout,

booking.id as booking\_id

FROM

booking,

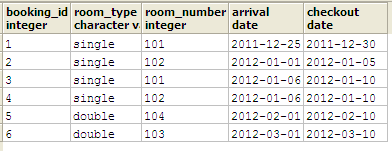
rooms,

room\_type

WHERE

booking.room\_id = rooms.id AND

rooms.room\_type\_id = room\_type.id;

UPDATED SQL STATEMENT

SELECT

booking.id as booking\_id,

room\_type.room\_type as room\_type,

rooms.roomnum as room\_number,

booking.arrival,

booking.checkout

FROM

booking,

rooms,

room\_type

WHERE

booking.room\_id = rooms.id AND

rooms.room\_type\_id = room\_type.id;

CREATE VIEW **rooms\_reserved** AS

SELECT room\_booking.room\_id, room\_booking.date\_booking\_from, room\_booking.date\_booking\_to

FROM room\_booking

WHERE room\_booking.date\_booking\_from BETWEEN '2011-12-25'::date AND '2011-12-30'::date - 1

OR date\_booking\_to -1 BETWEEN '2011-12-25'::date AND '2011-12-25'::date

OR room\_booking.date\_booking\_from < '2011-12-25'::date AND date\_booking\_to - 1 > '2011-12-25'::date - 1

CREATE OR REPLACE VIEW **rooms\_available** AS

SELECT room.roomnum, room.id

FROM room

LEFT JOIN rooms\_reserved ON room.roomnum = rooms\_reserved.room\_id

WHERE rooms\_reserved.room\_id IS NULL;