Back

MySQL clean solution

vitbau ★ 45 Last Edit: February 8, 2020 5:53 AM 1.8K VIEWS

24

```
SELECT e1.employee_id
FROM Employees e1
JOIN Employees e2
ON e1.manager_id = e2.employee_id
JOIN Employees e3
ON e2.manager_id = e3.employee_id
WHERE e3.manager_id = 1 AND e1.employee_id != 1
```

even cleaner

```
SELECT e1.employee_id
FROM Employees e1,
     Employees e2,
     Employees e3
WHERE e1.manager_id = e2.employee_id
  AND e2.manager_id = e3.employee_id
  AND e3.manager_id = 1
  AND e1.employee_id != 1
```

Comments: 6 Best Most Votes Newest to Oldest Oldest to Newest

Type comment here... (Markdown is supported)

Post

vivek_23 ★ 436 December 19, 2019 1:32 PM

Your second solution is a cross join for MySQL. never do that.

6 Show 3 replies Reply

karanjbhargava ★ 0 February 8, 2020 5:50 AM

I'm having trouble visualizing how the solution works. When you join the Employee table e1 by manager_id = e2.employee_id how does the new table look? Isn't the new table Employee_ID, Name, Manager_ID, Name, Employee_ID?

0 Reply

fmxy ★ 34 December 7, 2019 8:18 PM

upper one is easier to understand for me, lower one looks better

0 Reply

karangoel16 ★ 3 December 3, 2019 8:15 AM

does not include employees who are managers

0 Reply

Emailsiraj ★ 3 December 2, 2019 11:39 PM