

Buscas em Álgebra Relacional

- Quantas horas cada jogador possui no jogo 'X'?

$\pi (\sigma(\text{games} \times \text{users_has_games} \times \text{users})$
games.name = 'X' \wedge
games.id = users_has_games.games_id \wedge
users.id = users_has_games.users_id)
games.name, users.nickname, user_has_games.hours_played

- Quem trabalhou no jogo 'X'?

$\pi (\sigma(\text{games} \times \text{games_has_developers} \times \text{developers})$
games.name = 'X' \wedge
games.id = games_has_developers.games_id \wedge
games_has_developers.developers_id = developers.id)
games.name, developers.name

- Que jogos a empresa 'X' desenvolveu?

$\pi (\sigma(\text{games} \times \text{companies_has_games} \times \text{companies})$
companies.name = 'X' \wedge
companies.id = companies_has_games.companies_id \wedge
companies_has_games.games_id = games.id)
companies.name, games.name

- Qual a nota de cada jogo de uma serie 'X'?

$\pi (\sigma(\text{series} \times \text{games} \times \text{reviews})$
series.name = 'X' \wedge
series.id = games.series_id \wedge
reviews.id = games.reviews_id)
series.name, games.name, reviews.score

- Quais jogos e plataformas foram lançados na data 'X'?

$\pi (\sigma(\text{platforms} \times \text{releases} \times \text{games})$
releases.date = 'X' \wedge
releases.games_id = games.id \wedge
releases.platforms_id = platforms.id)
Releases.date, games.name, platforms.name