## FunSQL A library for compositional construction of SQL queries

https://github.com/MechanicalRabbit/FunSQL.jl

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## Find all patients born in or after 1970.

```
function find_patients(conn)
    sql = """
    SELECT p.person_id
    FROM person p
    WHERE p.year_of_birth >= 1970
    """
    DBInterface.execute(conn, sql)
end
```

```
function find_patients(conn; start_year = nothing, end_year = nothing)
    sql =
    SELECT p.person_id
    FROM person p
    conditions = String[]
    if start year !== nothing
        push!(conditions, "p.year_of_birth >= $start_year")
    end
    if end_year !== nothing
        push!(conditions, "p.year_of_birth <= $end_year")</pre>
    end
    if !isempty(conditions)
        sql *= "\nWHERE " * join(conditions, " AND ")
    end
    DBInterface.execute(conn, sql)
end
```