

DATABASES

SQLITE

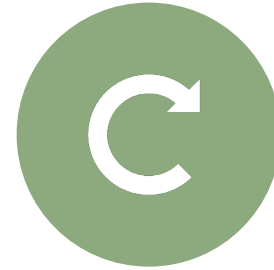
THE FOUR FUNCTIONS



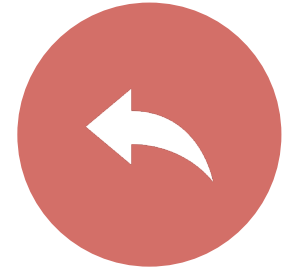
CREATE



READ

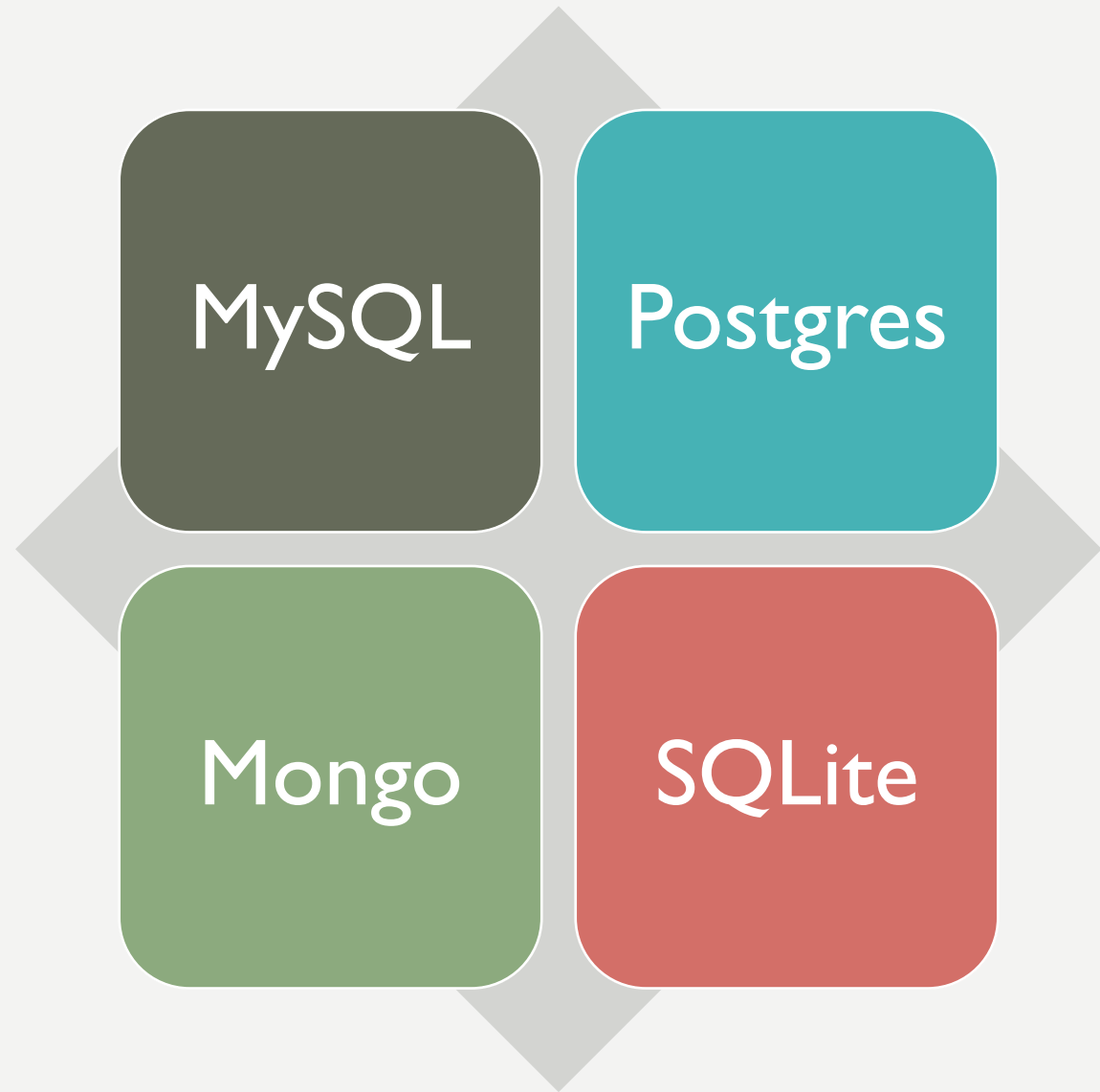


UPDATE



DELETE

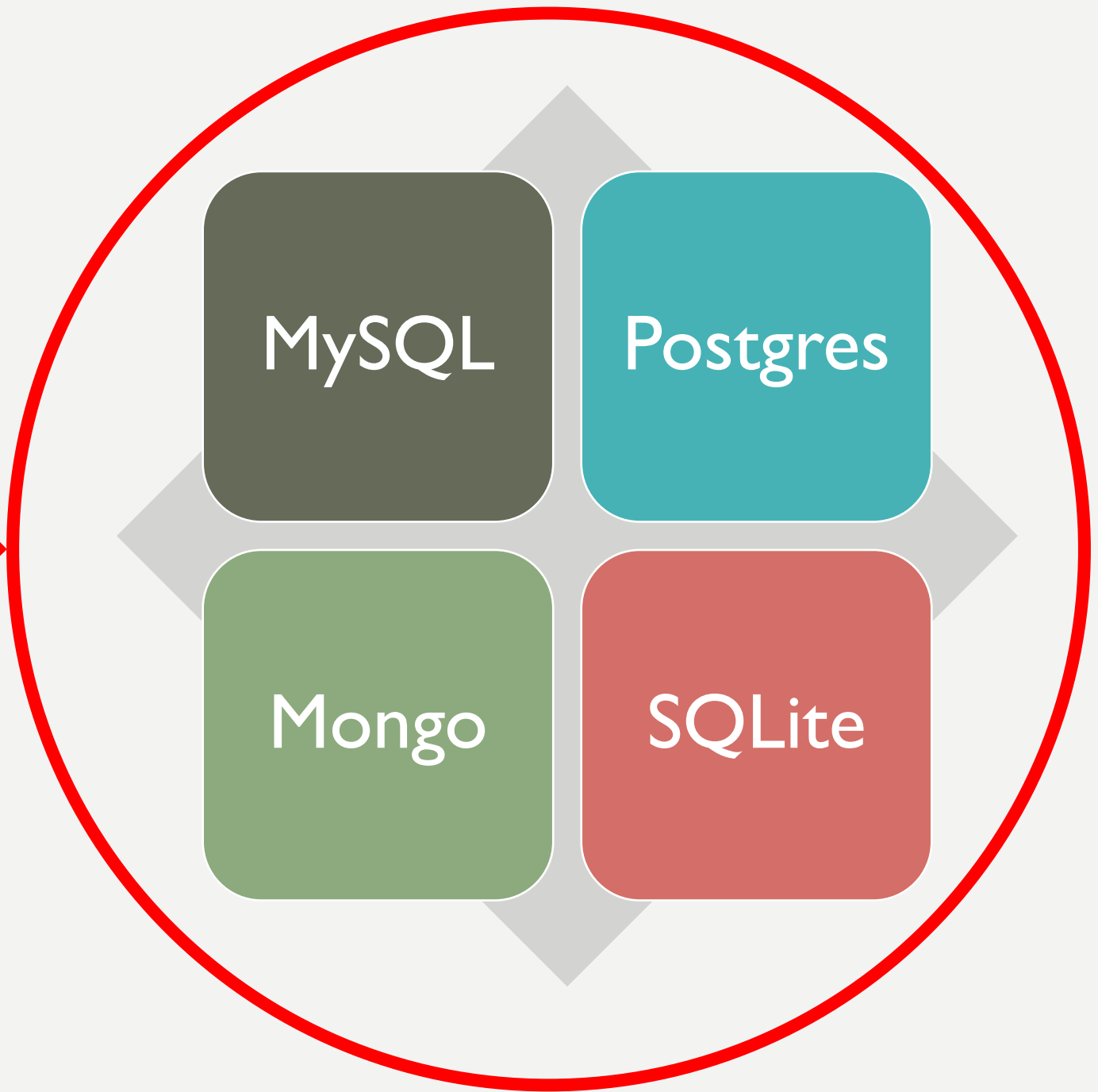
WEB DATABASES



...and many more

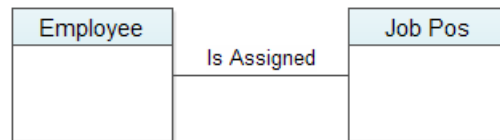
WEB DATABASES

SQLAlchemy

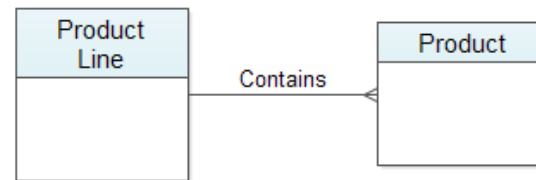


RELATIONAL DATABASE MANAGEMENT SYSTEMS (R-DBMS)

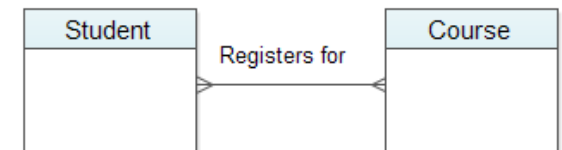
One to
one



One to
many



Many to
many



STRUCTURED QUERY LANGUAGE (SQL)

```
-- Create a new database called 'DatabaseName'
-- Connect to the 'master' database to run this snippet
USE master
GO
-- Create the new database if it does not exist already
IF NOT EXISTS (
    SELECT [name]
    FROM sys.databases
    WHERE [name] = N'DatabaseName'
)
CREATE DATABASE DatabaseName
GO
```

CHAPTER 5: DATABASES

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