

Types of languages
DDL - data definition language.
SDL - storage definition language.
VDL - view definition language.
DML - data manipulation language.

SQL

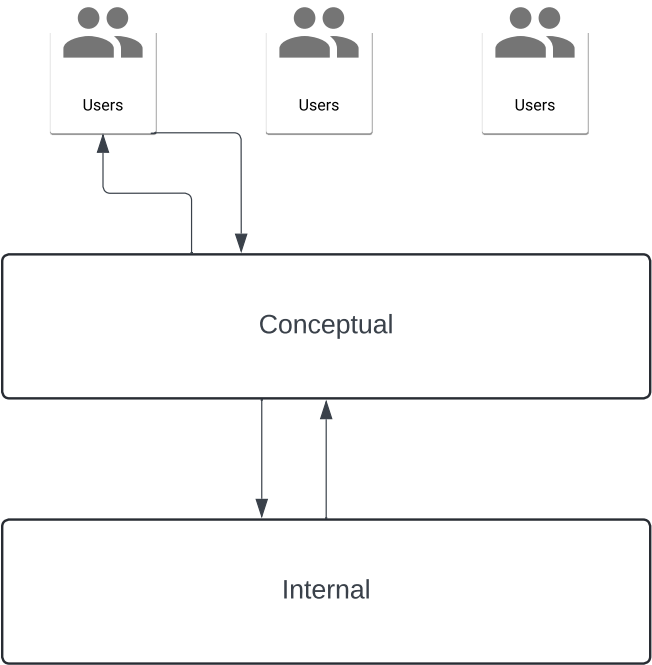
Three Schema
Architecture

Mapping

External View

Mappings

Data Lives here



Logical data independence - ability to change something at the conceptual level without having to modify the external level or view

data independence - capability to make a change at one level of the three schema architecture without having to change a subsequent level.

Physical data independence - ability to change something at the internal level without having to modify the conceptual level (and subsequently the external level).