

Isolation Levels

Computing

Four levels, and which anomalies each one still permits.

An anomaly marked yes can still occur at that level.

Level	Dirty read	Phantom
Read uncommitted	yes	yes
Read committed	no	yes
Repeatable read	no	yes*
Serialisable	no	no

* PostgreSQL's repeatable read prevents phantoms; the SQL standard does not require it. Isolation names are not portable.