Intermediate SQL

General SQL references were provided in Chapter 3. As noted earlier, many systems implement features in a non-standard manner, and, for that reason, a reference specific to the database system you are using is an essential guide. Most vendors also provide extensive support on the web.

Bibliographical Notes

The rules used by SQL to determine the updatability of a view, and how updates are reflected on the underlying database relations appeared in SQL:1999 and are summarized in [Melton and Simon (2001)].

The original SQL proposals for assertions date back to [Astrahan et al. (1976)], [Chamberlin et al. (1976)], and [Chamberlin et al. (1981)].

[Rizvi et al. (2004)] describe issues with the authorization model used in Oracle VPD, and discuss alternative theoretical models. [Kabra et al. (2006)] describe issues in information leakage with the VPD authorization model, and techniques to avoid such leakage; similar techniques are implemented in PostgreSQL. [Chaudhuri et al. (2007)] describes an alternative to VPD, based on associating predicates with authorizations.

Bibliography


