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TITLE: Terms of Reference for WG3 Database Languages

SOURCE: WG3

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REFERENCE DOCUMENTS:

[1] SC32 N0072 Scope and Title of ISO/IEC JTC1/SC32

Terms of Reference

The terms of reference of ISO/IEC JTC1/SC32/WG3 Database Languages are:

1. To develop and maintain languages for the dynamic specification, maintenance and description of database structures and contents in multi-user environments. The specifications may include the data type, behaviour and any integrity constraints on the contents of the defined structures. The specifications may include mechanisms for the creation and generation of new data types and behaviours so as to support the specification of other international standards.
2. To provide additional support for the integrity of database systems through transaction commitment, recovery, and security facilities.
3. To develop and maintain languages which provide for the storage, access and manipulation of data in database structures by multiple concurrent users. These languages may be computationally complete and may contain features for the packaging and storage of modules and procedures in database structures.
4. To provide interfaces for the languages developed to other standard programming languages.
5. To provide interfaces or access to other standards describing data types, behaviour or database content to users of the languages developed.