FileMaker Pro	SQL	Comments
Database 50 open on client, 125 open on FMP Server. Each "Database" is actually a single table. Limited to 2GB of physical disk space for all objects.	**Database** 32,767 per instance of SQL Server (in SQL Server 2000 you can have a maximum of 16 instances PER MACHINE), maximum disk size 1,048,516 TB.	A database in SQL terms is a collection of objects - sort of like a FileMaker database in that it contains tables, constraints (i.e. validations), defaults (i.e. auto-enter values), triggers and rules. A FileMaker database contains only a single table.
Database Limited by disk space, 50 files open on client, 125 on server.	**Table** Limited by disk space. Each SQL database can contain dozens to hundreds of tables.	Each SQL Server database can have up to 2,147,483,647 objects per database (include all tables, views, stored procedures, extended stored procedures, triggers, rules, defaults, and constraints).
Field Up to 5,900 per table (depending on field name length), field name up to 60 characters.	**Column** Up to 1,024 per table, column name up to 128 characters.	SQL Server only supports a total of 8060 bytes per record. FileMaker supports an unlimited bytes per record up to 2BG per table.
Layout 32,767 objects per layout, 110 inches wide by 110 inches long.	**NONE**	In SQL, you must create your own interface to the data via VB, the web, or with FileMaker via Imports/Execute SQL statements.
Script Number limited by disk space, up to 52 displayed in menu.	**Stored Procedure** Nesting up to 32 levels deep. Each SQL Server database can have up to 2,147,483,647 objects per database (include all tables, views, stored procedures, extended stored procedures, triggers, rules, defaults, and constraints). Maximum size of a stored procedure is the lesser of 256MB or 65,536 * Network Packet Size (Network Packet Size is the size of the tabular data scheme [TDS] packets used to communicate between applications and the relational database engine. The default packet size is 4 KB, and is controlled by the network packet size configuration option)	Stored Procedures use a procedural language (T-SQL) and can use functions, tables, views, and can perform actions (including joins) across databases and servers.

FileMaker Pro	SQL	Comments
Container Field None, up to 2GB file size per table.	**ntext, text, or image** Up to 2GB per ROW, to max file size.	In SQL, I personally do not recommended storing stuff inside the database, but just pointers to the source files.
Web Companion Single threaded, works only on client - not on server.	**NONE (External CGI Interface)** There is no "built-in" instant publishing features in SQL Server. SQL Server has a user-definable number of threads up to 32,767.	Web Companion performs other functions such as XML conversion, and access to the underlying tables via Java Classes and is cross platform compatible. In SQL Server 2000, support for XML is native and the database can return data in XML format via the query, and is limited to running on only the Microsoft OS. If using SQL Server 2000 with IIS 5.0 (included in install for free), you CAN perform a SELECT statement in a browser and have the result returned with no additional coding.
CDML Limited to Web Companion. Not all commands are made public (i.e. ones used in instant publishining), limited tag "vocabulary", no variables, not able to directly communicate with other ODBC sources, no SSL support, no FTP support, etc.	**ASP** Active Server Pages CGI comes with IIS. Full access to VB fuctions, COM objects, active X controls. Supports connections via ODBC, OLE DB (native driver support), ADO, DAO.	You can program in VB Script or JavaScript using ASP - where CDML is limited to a "tag based" (i.e. replacement) technology like Lasso and ColdFusion.
Text Field Up to 64K per FIELD	**text, ntext, char, nchar, varchar, nvarchar** Typical equivalent to FileMaker text field is varchar (variable character) - can be up to 8K per ROW. Typically 50 to 255 characters in length.	Encourage customer who are planning to use SQL functions to include the FileMaker 5.5 field length validation. This issue is the most difficult to overcome when updating SQL data from FileMaker.