

MGA (Multi-generational architecture)

Multi-generational architecture is basically another name for the multi versioning engine that enables InterBase®/Firebird to avoid locking and at the same time, recover quickly in case of failure (server crash, power outage, etc.) without using a transaction log.

MGA is described in detail the Database technology article, [Multi-generational architecture \(MGA\) and record versioning](#).

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