GSQL语法

1. 数据类型

仅支持部分常用的数据类型：

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| **GSQL**  **类型** | **说明** | **SqlSever**  **对应类型** | **Sqlite**  **对应类型** | **MySql**  **对应类型** |
| **char** | **定长字符** | **char** | **char** | **char** |
| **varchar** | **变长字符** | **varchar** | **varchar** | **varchar** |
| **text** | **超长文本** | **text** | **text** | **longtext** |
| **int** | **32位整型** | **int** | **int** | **int** |
| **long** | **64位整型** | **bigint** | **bigint** | **bigint** |
| **decimal** |  | **decimal** | **decimal** | **decimal** |
| **boolean** | **布尔型** | **bit** | **boolean** | **TINYINT(1)** |
| **binary** | **二进制数据** | **binary** | **binary** | **longblob** |
| **datetime** | **带日期的时间** | **datetime** | **datetime** | **datetime** |
| **time** | **不带日期的时间** | **time** | **datetime** | **time** |
| **guid** | **UUID唯一标识符** | **uniqueidentifier** | **char(36)** | **char(36)** |

1. 表达式

表达式语法遵循常用规则，基本兼容各数据库的实现。

Switch表达式：

Switch(条件){结果1:输出值1,结果2:输出值2……default:以上结果均不匹配，输出默认值}，switch表达式在翻译后体现为SQL中的case……when……else……end表达式

1. 关键字

暂时有如下关键字（部分可能尚未启用）："create","table","primarykey","unique","notnull","default","auto", "var","declare","if","else", "switch", "default", "true", "false" , "null", "select", "from", "where", "insert", "into", "values", "update","set","delete","join","on","left","right","full","inner","having","asc","desc","as","group","order","by","union","all", "limit", "offset"

1. 语句

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|  | 语法 | 示例 |
| IF语句 | if(条件){语句块}else if(条件){语句块}else{语句块} |  |
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| SWITCH 运算符 | Switch(计算量){值1:输出1,值2:输出2,……,default:默认输出} |  |
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