

FileAid for DB2

Datentypen

Daten Typ	gültiger Wert
CHAR	Fixed-length character strings less than or equal to the field length specified when the column was created. Maximum field length is 255 characters.
VCHAR	Variable-length character strings less than or equal to the field length specified when the column is created. Maximum allowable field length is 4056 characters. If the column is defined as FOR BIT DATA, the data cannot be successfully edited.
LVCHAR	Variable-length character strings less than or equal to the field length specified when the column is created. Maximum allowable field length is 4056 characters. If the column is defined as FOR BIT DATA, the data cannot be successfully edited.
GRAPH	Fixed-length graphic strings less than or equal to the field length specified when the column was created. Maximum field length is 127 DBCS characters.
VARGRAPHIC	Variable-length graphic strings less than or equal to the field length specified when the column was created. Maximum allowable field length is 4046 bytes (2023 DBCS characters) for 4-KB pages; 8128 bytes (4064 DBCS characters) for 8-KB pages; 16320 bytes (8160 DBCS characters) for 16-KB pages; 32704 bytes (16352 DBCS characters) for 32-KB pages.
LVARG	Variable-length graphic strings less than or equal to the field length specified when the column was created. Maximum allowable field length is 4046 bytes (2023 DBCS characters) for 4-KB pages; 8128 bytes (4064 DBCS characters) for 8-KB pages; 16320 bytes (8160 DBCS characters) for 16-KB pages; 32704 bytes (16352 DBCS characters) for 32-KB pages.
SMALLINT	Fixed-length, binary integers in the range of -32768 to +32767, requiring two bytes of storage.
INTEGER	Fixed-length, binary integers in the range of -2,147,483,648 to +2,147,483,647, requiring four bytes of storage.
DEC	Fixed-length, decimal numbers in the range of -10E15 to +10E15.
FLOAT	Fixed-length, floating-point numbers in the approximate range of -7.2E75 to +7.2E75.
DATE	A three-part value (year, month, day), whose format is determined by DB2.
TIME	A three-part value (hour, minute, second), whose format is determined by DB2.
TIMESTAMP	A seven-part value (year, month, day, hour, minute, second, microsecond) whose format is YYYY-MM-DD-HH.MM.SS.TTTTTT.
DISTINCT	Distinct is identified by its name. A Distinct type is based on one of the built-in data types. Use the UDT primary command (see "UDT" on page 3-57) to view the Distinct type, schema, and the built-in data type.
ROWID	Uniquely identifies a row in a table. Each value must be unique. Generated by DB2.Length as described in the LENGTH column of the catalog table SYSCOLUMNS is the internal length, 17 bytes. Length as described in the LENGTH2 column of catalog table SYSCOLUMNS is the external length, 40 bytes.

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