BINARY

Binary Data Types IN SQL

SQL

binary - Maximum length of 8,000 bytes(Fixed-length binary data)

varbinary - Maximum length of 8,000 bytes.(Variable length binary data)

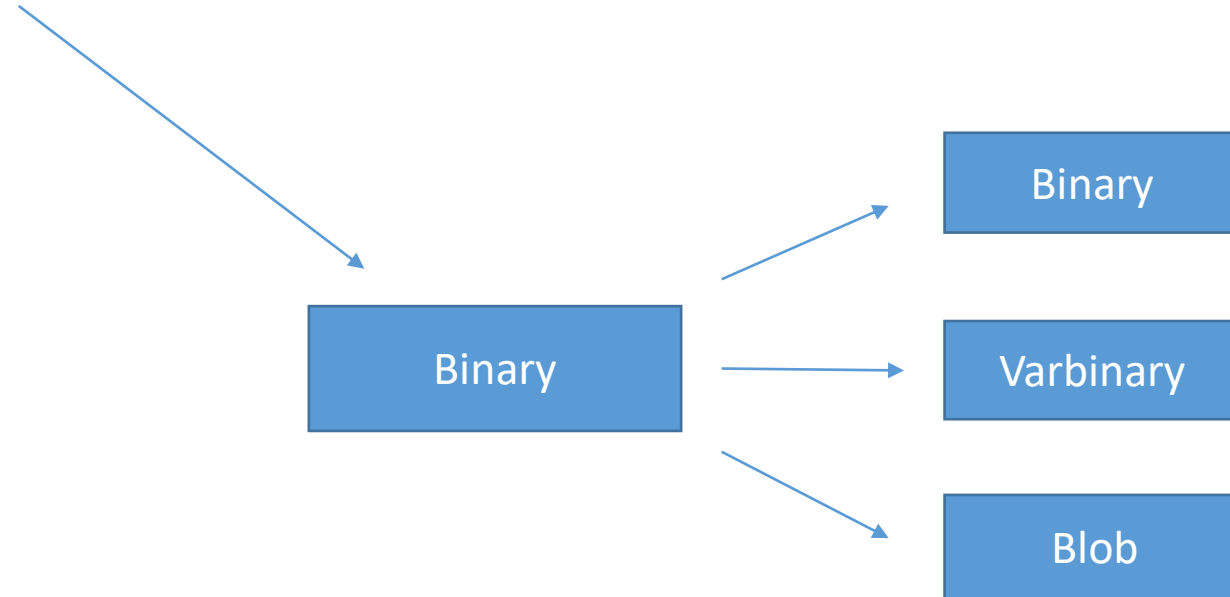**varbinary(max)** - Maximum length of 2E + 31 bytes (SQL Server 2005 only)

image - Maximum length of 2,147,483,647 bytes

SQL Server Data Types

- **Binary types:**

Data type	Description	Storage
bit	Allows 0, 1, or NULL	
binary(n)	Fixed-length binary data. Maximum 8,000 bytes	
varbinary(n)	Variable-length binary data. Maximum 8,000 bytes	
varbinary(max)	Variable-length binary data. Maximum 2GB	
Image	Variable-length binary data. Maximum 2GB	

Datatypes

Binary

Binary

Varbinary

Blob

```
sp_help Organization
```

100 %

Results | Messages

	Column_name	Type	Computed	Length	Prec	Scale	Nullable	TrimTrailingBlanks	FixedLenNullInSource	Collation
14	ModifiedDate	datetime	no	8			yes	(n/a)	(n/a)	NULL
15	TenantID	int	no	4	10	0	no	(n/a)	(n/a)	NULL
16	SchoolYearStart...	date	no	3	10	0	yes	(n/a)	(n/a)	NULL
17	SchoolYearEnd...	date	no	3	10	0	yes	(n/a)	(n/a)	NULL
18	OrganizationLogo	varbinary	no	-1			yes	no	yes	NULL
19	Organizationban	varbinary	no	-1			yes	no	yes	NULL
20	MobileLogo	varbinary	no	-1			yes	no	yes	NULL
21	PrincipalSign	varbinary	no	-1			yes	no	yes	NULL

BLOB

BINARY
LARGE
OBJECT

Tables (4)

- blob_datastore
- part_drawings
- stddata
- userdata

Trigger Functions

Types

Views

Subscriptions

orkSpace

Data output **Messages** **Notifications**

	s_no integer	file_name character varying (20)	blob_data bytea
1	1	Anima.mp4	[binary da...
2	2	Octa.jpg	[binary da...
3	3	Type.gif	[binary da...
4	4	BlobNotes.pdf	[binary da...

Data Stored

Mapping1 ✕

Add New Field

Source BLOB_EXAMPLE   Destination BLOB_EXAMPLE

Move Up   Move Down   Move Up   Move Down

Source Column	Data Type	Primary Key	▷◁	Needs To Compress	Needs To Decompress	Destination Column
FIELD1	int	☐	⟺	☐	☐	FIELD1
FIELD2	boolean	☐	⟺	☐	☐	FIELD2
FIELD3	string	☐	⟺	☐	☐	FIELD3
FIELD4	double	☐	⟺	☐	☐	FIELD4
FIELD5	dateTime	☐	⟺	☐	☐	FIELD5
FIELD6	base64Binary	☐	⟺	☑	☐	FIELD6