

Record Formats:

- Fixed-length field only

Catalog I1-F1 I2 I3 I4

- Variable-length field.attribute

a. delimiter: F1 \$ F2 \$\$

- delimiter might not exist
- parsing could be slow

b. using a length before each field

- I1,f1,I2,f2....

c. using a directory of lengths/offset

- offset F1,F2,F3,F4 point

NOT NULL / nullable how to tell?

semi-structured data (XML,JSON)

different records can have different schemas

RecordA length - FN1-type1-byte1 - FN2 - type2 - byte2

B length

schema version

Catalog

Schema version1	info about v1		

Page Format

- fixed-length record packed.

R1	
R2	
# of records in this page	free space info

- Variable - length records