
Testing Cheat Sheet - Data Type

Paths/Files Long Name (>255 chars)
Special Characters in Name (space * ? / \ | < > , . () [] { } ; : ' " ! @ # \$ % ^ &)
Non-Existent
Already Exists
No Space
Minimal Space
Write-Protected
Unavailable
Locked
On Remote Machine
Corrupted

Time and Date Timeouts
Time Difference between Machines
Crossing Time Zones
Leap Days
Always Invalid Days (Feb 30, Sept 31) Feb 29 in Non-Leap Years
Different Formats (June 5, 2001; 06/05/2001; 06/05/01; 06-05-01; 6/5/2001 12:34)
Daylight Savings Changeover
Reset Clock Backward or Forward

Numbers 0
32768 (2^{15})
32769 ($2^{15} + 1$)
65536 (2^{16})
65537 ($2^{16} + 1$)
2147483648 (2^{31})
2147483649 ($2^{31} + 1$)
4294967296 (2^{32})
4294967297 ($2^{32} + 1$)
Scientific Notation (1E-16)
Negative
Floating Point/Decimal (0.0001)
With Commas (1,234,567)
European Style (1.234.567,89)
All the Above in Calculations

Strings Long (255, 256, 257, 1000, 1024, 2000, 2048 or more characters)
Accented Chars (àáâãäåçèéêëìíîïðñòóôõ, etc.)
Asian Chars (测试字符串)
Common Delimiters and Special Characters (" ' ` | / \ , ; : & < > ^ * ? Tab)
Leave Blank
Single Space
Multiple Spaces
Leading/Trailing Spaces
End-of-Line Characters (^M)
SQL Injection ('select * from customer)

General Violates Domain-Specific Rules (an ip address of 999.999.999.999, an email address with no "@", an age of -1) Violates Uniqueness Constraint