

Základy informatiky

KIV/ZI

3. cvičení – addendum

Počet buněk na listu

Versions of Excel up to 7.0 (95) had a limitation in the size of their data sets of 16K ($2^{14} = 16384$) rows.

Versions 8.0 (97) through 11.0 (2003) could handle 64K ($2^{16} = 65536$) rows and 256 columns (2^8 as label 'IV').

Version 12.0 (2007) can handle 1M ($2^{20} = 1048576$) rows, and 16384 (2^{14} as label 'XFD') columns.

* https://en.wikipedia.org/wiki/Microsoft_Excel#Number_of_rows_and_columns

Dekadické a binární prefixy

dekadické prefixy

kilo-	10^3	1,000
mega-	10^6	1,000,000
giga-	10^9	1,000,000,000

binární prefixy

kibi-	2^{10}	1,024
mibi-	2^{20}	1,048,576
gibi-	2^{30}	1,073,741,824

Má tedy soubor o velikosti 2KB:

$2 \times 1000 = 2000$ bytů ?

$2 \times 1024 = 2048$ bytů ?

Jakou skutečnou kapacitu má
500GB HDD?

Nemožnost otevřít více souborů se stejným názvem

- Microsoft Excel will not open two documents with the same name and instead will display the following error:
- *A document with the name '%s' is already open. You cannot open two documents with the same name, even if the documents are in different folders. To open the second document, either close the document that is currently open, or rename one of the documents.*
- The reason is for calculation ambiguity with linked cells. If there is a cell `='[Book1.xlsx]Sheet1'!G33`, and there are two books named "Book1" open, there is no way to tell which one the user means.

* https://en.wikipedia.org/wiki/Microsoft_Excel#Filenames