

Re: Number to Letter Counting algorithm needed

Source: <http://sci.tech--archive.net/Archive/sci.math/2007-06/msg03625.html>

- *From:* "Wlodzimierz Holsztynski (wlod)" <sennajawa@xxxxxxxx>
 - *Date:* Tue, 19 Jun 2007 20:34:16 -0000
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On Jun 19, 1:09 pm, "Wlodzimierz Holsztynski (wlod)" <sennaj...@xxxxxxxx> wrote:

Lets have just two digits: 0 and 1.
We would like to send an ordered list
of natural numbers, separated by blanks.
The "excell" codes are a bit shorter
than the standard positional codes:

1 --- 0
10 --- 1
11 --- 00
100 --- 01
101 --- 10
110 --- 11
111 --- 000
1000 --- 001
1001 --- 010

etc.

The excell encoding will produce lists
which are never longer, and often shorter
than the positionally encoded lists.

Actually, another ****variation**** of the
coding of natural numbers, which is more
closely related to the standard, positional
encoding, is still a bit more efficient. It
is well known. I'll let you dwell on it.

Enjoy your easy entertainment,

Wlod

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