
Subject: Re: Fastest way to list combinations

Posted by [antar3s86](#) on Fri, 13 Jul 2012 21:01:40 GMT

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On Friday, July 13, 2012 10:51:41 PM UTC+2, (unknown) wrote:

> Hi

>

> I have to solve a problem which includes listing all possible combinations to form a triplet for a given number of objects.

>

> Say you have the objects:

> a,b,c,d,e, so in total 5 which gives you $5!/(2!*3!) = 10$ possibilities to list them without any doubles:

>

> abc

> abd

> abe

> acd

> ace

> ade

> bcd

> bce

> bde

> cde

>

> I have solved this problem for any number (well up to some computer limit anyway) in three FOR loops but for large numbers this is rather small...

>

> can you think of a better way than using loops to list all these possibilites?

>

> thanks!!

> :)

Sorry, instead of small it should say slow...stupid autocorrect... ;)
