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Subject: Re: Questions I would like to pose to athiests  
Posted by [EvilWhiteDragon](#) on Tue, 18 Jan 2011 12:27:50 GMT  
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Dover wrote on Tue, 18 January 2011 12:50 EvilWhiteDragon wrote on Tue, 18 January 2011 03:00 R315r4z0r wrote on Sat, 15 January 2011 04:05 Dover wrote on Fri, 14 January 2011 19:29 jnz wrote on Fri, 14 January 2011 15:32 Outside our universe the laws of physics we are bound to do not exist! If a cosmos really exists (which unfortunately we cannot prove) then it is totally reasonable for very strange things to happen. Such as:- an infinitely dense, infinitely hot soup of particles and energy appearing out of no where!

True. In a truly infinite universe, anything that can happen, will happen. In fact, in a truly infinite universe, anything that can happen must happen.  
Hey! Dover just stumbled onto another paradox!

If the universe truly is infinite then anything and everything must happen at one point in time. However, it is also true that one day the universe must end... But if infinity is the never ending expansion of something, how can the execution of everything possible happen but at the same time manage to end some day? You can't end when you are counting to infinity!  
The universe isn't infinite, it's still growing. We know how big it is (13 billion lightyears afaik), so ...

We were discussing the universe being infinite in regards to time. At least I was, I can't speak for R3.

Well, since it's expanding, and the furthest bits are now 13 billion lightyears away, one can conclude the universe started 13 billion years ago. Now the question is, does indeed everything have an end? Since everything needs energy (or mass) and there is a law of physics saying that energy never disappears, one has to conclude that the universe will not end. This is, unless somehow there will be a lot more anti-matter, this would adsorb the matter and thus energy (or transform it to an unknown type of mass/energy).

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