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Subject: Re: If the earth stopped spinning suddenly...

Posted by [Renx](#) on Fri, 16 Feb 2007 18:41:31 GMT

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We wouldn't be rooted to the earth by gravity. Right now the velocity of the Earth's rotation is 1600km/h at the equator, relative to the universe. We are also moving at 1600km/h relative to the universe, but 0km/h relative to the Earth(assuming we're all at rest). If the earth and only the Earth itself was to stop, as in suddenly be moving at 0km/h relative to the universe, we would keep moving at the same speed - 1600km/h relative to the universe. Gravity isn't going to prevent that, however it will still keep you on the earth.

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