

## Re: Topological vector space

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- *From:* José Carlos Santos <[jcsantos@xxxxxxxx](mailto:jcsantos@xxxxxxxx)>
  - *Date:* Fri, 21 Apr 2006 07:21:26 +0100
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Julien Santini wrote:

A topological vector space is regular. Are there any simple example of a non-normal topological vector space ?

Take the product of uncountable many copies of  $\mathbb{R}$ .

Best regards,

Jose Carlos Santos

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