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Subject: How to create white noise in IDL?

Posted by [Helder Marchetto](#) on Sat, 16 Apr 2016 14:48:17 GMT

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From wiki:

In digital image processing, the pixels of a white noise image are typically arranged in a rectangular grid, and are assumed to be independent random variables with uniform probability distribution over some interval

I guess that randomu (the "u" stands for uniform) is what you need. In case you're not sure, you can look at the statistics using something like:

```
p = plot(histogram(randomu(100000)))
```

Just for the fun of it.

Cheers, Helder

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