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Subject: X window requirement for batch jobs: not just for plotting  
Posted by [Mariolncandenza](#) on Wed, 23 Nov 2011 06:26:40 GMT  
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So, we all know that if you have a job that generates a plot, and you need it to run automated, you have to either:

- 1) use the Z buffer for everything;
- 2) use the X virtual frame buffer to "spoof" an X terminal;

But this requirement is clearly triggered by commands that have nothing to do with plotting. The obvious example is widgets, but I am currently dealing with a piece of code that has no plotting and no widgets, but at a certain point in the code it insists on having an X terminal available, and crashes if there is none.

Tomorrow's job is to identify exactly what call is the culprit (I'm wondering if it isn't maybe `READ_TIFF`), and figure out a solution along the lines of #1 above, but I thought I'd ask:

What other types of commands, that I wouldn't expect, might be asking for an X terminal?

--Edward H.

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