

VIEWING DOCUMENTS AND IMAGES ESPECIALLY WITH EVINCE and XV

Carl Heiles
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You've created a wonderful written report as a `pdf` or `ps` file. Or you've created a beautiful figure as a `pdf` or `ps` file. Or you have a `jpg` image from your camera. How do you display and/or print these in Linux?

The most common display programs are in the following table. Our favorites are `evince` for documents and `xv` for images.

	<code>pgm</code>	<code>img.ps</code>	<code>img.eps</code>	<code>img.pdf</code>	<code>img.jpg</code>	<code>doc.pdf</code>	<code>doc.ps</code>	to quit	comments
<code>evince</code>	y	n	y	n	y	y	<code>ctrl-w</code>	no GUI menu	
<code>xv</code>	y	y	y	y	y	y	q	pixels; some image editing	
<code>gv</code>	y	y	y	n	y	y	q	gs + gui	
<code>display</code>	y	n	n	y	n	n	q	good image editing	
<code>xpdf</code>	n	n	y	n	y	n	q		
<code>gs</code>	y	y	y	n	y	y	q	bare bones	

Comments:

1. `evince` is the most capable for documents. The only problem is a temporary glitch: the GUI menu is unavailable. So you need to memorize a few basic keybindings, taken from `evince_keybindings.pdf`. The most important is to *print* use `Ctrl p`.
2. `xv` will handle almost any kind of file, especially image files. It has some image editing and file conversion; for a GUI, right-click. `xv` is not available on all Linux/UNIX installations. Disadvantage: `xv` pixellates the file before displaying it, so you can't enlarge the image while retaining detail.
3. `gv` works on `ps` and `pdf` files only. It's a little less nice than `evince`, but it has a nice GUI and is surely available on any Linux/UNIX platform.
4. `display` is meant for images. It has a GUI for lots of image editing options. It's the modern replacement for `xv`.
5. `xpdf` is a basic, no-frills `evince`—but at least it has GUI, although it's somewhat primitive,