Chandra X-ray Center

Can you make publication quality images in a journal's desired format?

Back to the Survey

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9 – yes

13 – Yes

14 – CMYK PS files capability missing with IDL

19 – Yes, though dmimg2jpg should produce higher quality postscript
     (and, ideally, encapsulated postscript).

20 – Only using wip

21 – Mostly. I haven't yet found a tool I'm completely happy with for
     creating 1-D CMYK plots. DS9's output often needs to be heavily edited
     in order to get axes & contours to come out right, and in order to add
     a color scale bar when necessary.

22 – Yes

23 – Yes.

24 – yes.

25 – Not quite – dmimg2jpg lacks acceptable axis labeling. Should also
     output postscript in CMYK (not just RGB).

     Chips is good, back lacks a broad range of symbols.

27 – I don't do imaging.

28 – Yes.

30 – Yes

31 – Yes – I love ds9 for this purpose!!!

32 – yes

35 – I'm not an imaging person.

37 – Eventually. Not with Ciao.

38 – yes, but not with CIAO tools

39 – yes
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43 – yes. (except for the silly cmyk business)
    I'm not sure what "imaging" entails; I do mostly line/scatter plots
    (spectra). Sometimes I need 2D intensity images. Between IDL and
    isis/pgplot, I can get what I need.

44 – There's a bit of a distinction between what I need for analysis, and
    what I want for publication. In that sense, something like CHIPS is
    a bit of a mushy middle ground. Yes, the XSPEC plotting is kind of
    ugly, but it's good enough to understand and think about. When it comes
    time for the final "publication product", I then usually go to IDL.
    I usually don't see the need for the middle ground of CHIPS.

47 – Not in CIAO. I use IDL for this task.

49 – Yes. IDL works best for that.

52 – images with ds9, plots with IDL.

53 – With lots of effort, yes.
    Would like much better handle on resolution.

58 – Yes.

59 – ds9 can create great images! but i cannot create appropriate
    2d contours with chips

60 – yes.

62 – Yes – using ds9.

63 – Depends– dmimg2jpg certainly can produce good images, and then I
    use xv or gimp to finish them up. As for plotting, I prefer IDL to
    make the final thing.

64 – YES

65 – yes

67 – It is still difficult to provide color drawings for ApJ in a
    format they can use readily. The cmyk output of ds9 was insufficient
    last time I tried.

70 – Yes. I often use "wip" http://bima.astro.umd.edu/wip/manual/wip.html
    and occasionaly IDL

71 – Need more examples

72 – yes

75 – using idl i can; ds9 is not capable of producing really camera
    ready publication quality images

77 – yes, it is not a problem to make publication quality images
    with IDL

80 – no journal entries as of yet, but image specifications are always
    modifiable, though it may require a 3rd party app

81 – only just

82 – HAHAHAHA. NO. Journals always want four color images, while most

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    programs only allow three color output.

83 – no

89 – yes, but I think contour plots with ds9 should be improved

90 – I haven't tried that yet, and probably won't need to.  (I'm doing mostly
     analysis of point sources.)

100 – is CMYK postscript supported yet?

101 – no

103 – yes, in IDL.

105 – Yes.

106 – yes, but it can be very fiddly

108 – Yes, in IDL

111 – ds9 is nice but could be improved

112 – Yes. ds9 is excellent.

113 – never tried with CIAO, I use IDL because it provides
      the best flexibility

118 – yes

120 – yes

121 – Yes

124 – Not for color figures.  There are few tools available for manipulating
      CMYK images and generating CMYK postscript.

125 – yes
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