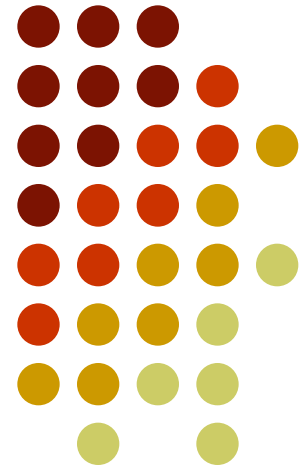


# Screen Capture

How to quickly capture a  
diffraction image



# Programs



## Linux/UNIX

- XdisplayF (HKL)
- Adxv
- Ksnapshot
- xwd
- Gimp
- Image Magick (display)

## MS Windows

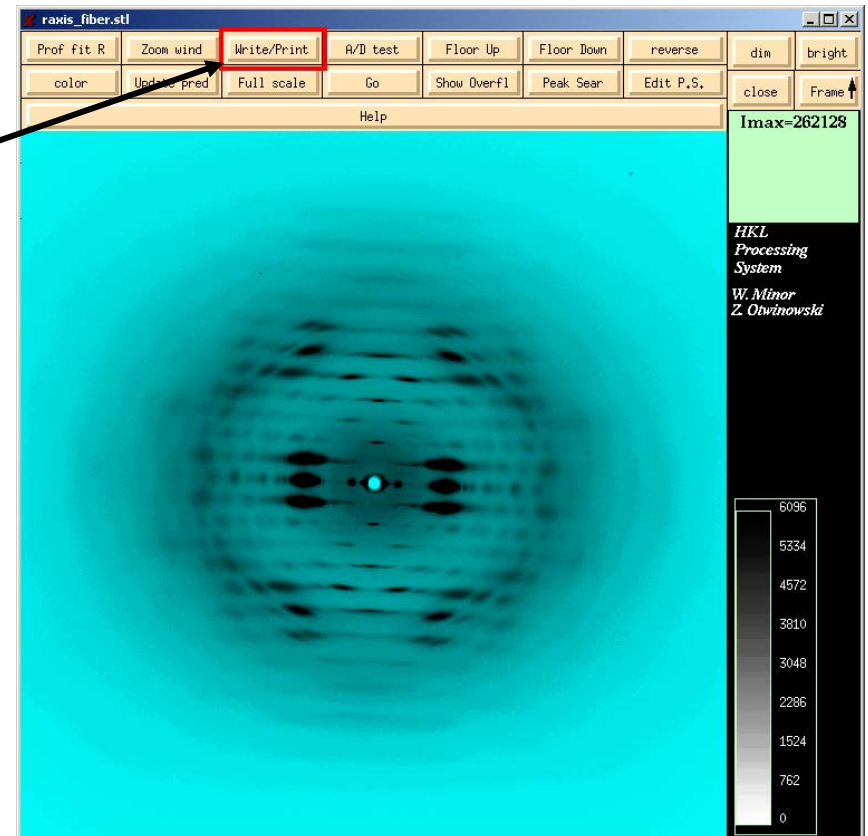
- PrintScreen
- Paint Shop Pro



# XdisplayF (HKL Suite/Denzo)

Launch xdisplayf

- Open: Oscillation image
- Click: Write/Print
- Use:  
**convert windump.xwd  
my\_image.jpg**
- Main window only (no zoom window)

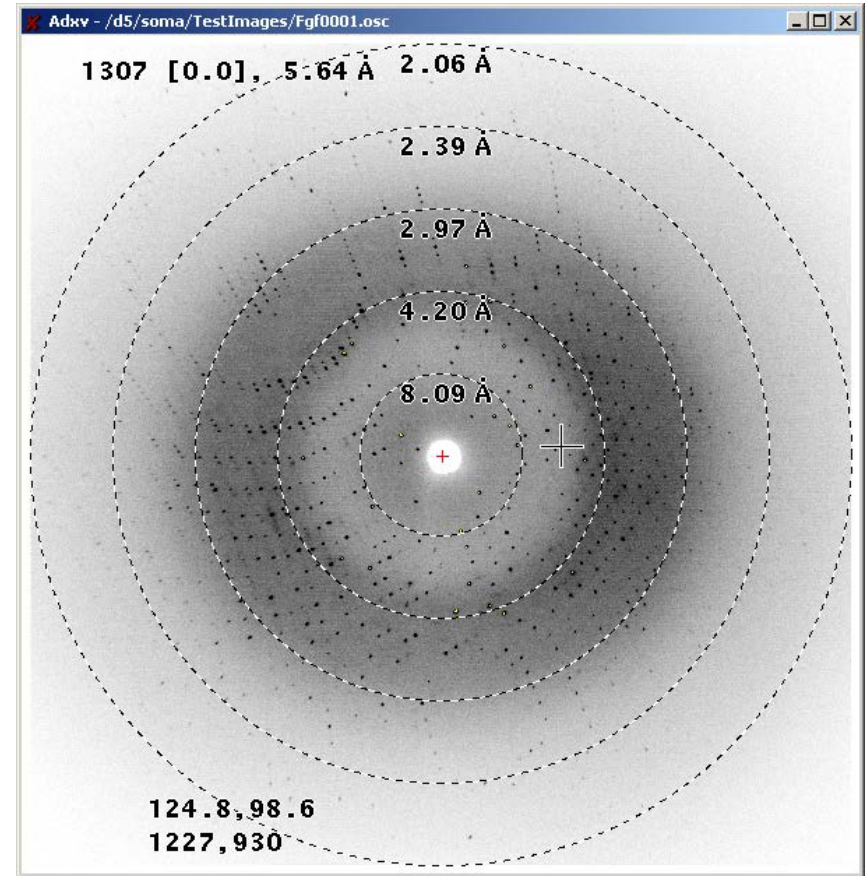




# Adxv (Linux/UNIX)

Launch adxv

- File menu: Open image
- Edit menu: Properties, Resolution Rings
- File menu: Save as ...
- Select: Image, Magnify or Line
- Select: PostScript or Tiff
- Save

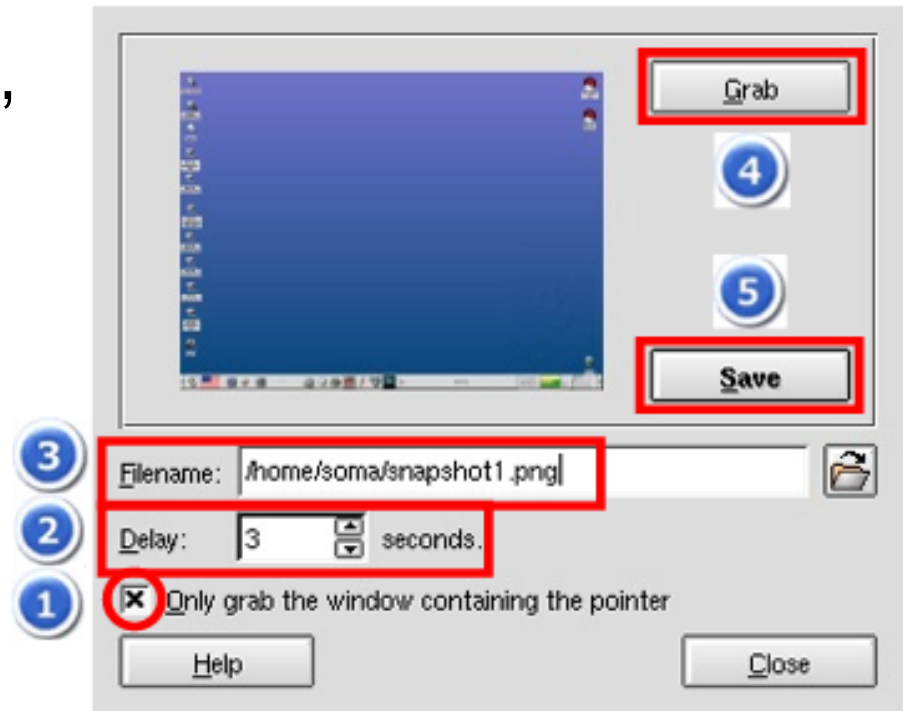




# Ksnapshot (Linux)

Launch ksnapshot

- 1) Select “Window Only”
- 2) Select “Delay Time”
- 3) Select “Image Name”
- 4) Grab
- 5) Save





# Xwd/xwud (Linux/UNIX)

In Linux command mode:

- 1 **xdisp my\_xtal.img &**
- 2 **xwd > my\_img.xwd**

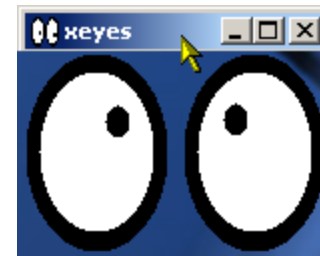
Put cursor above image  
and click. To view

- 3 **xwud -in my\_img.xwd**

Or convert format and  
save

- 4 **convert my\_img.xwd  
my\_img.png**

```
1:128.186.103.108 - soma@raccoon* - SSH Secure Shell
File Edit View Window Help
soma@raccoon [3:55pm] ~>xwd > my_xtal.xwd
soma@raccoon [3:56pm] ~>xwud -in my_xtal.xwd
soma@raccoon [3:56pm] ~>convert my_xtal.xwd my_xtal.jpg
soma@raccoon [3:56pm] ~>
```





# PrintScreen

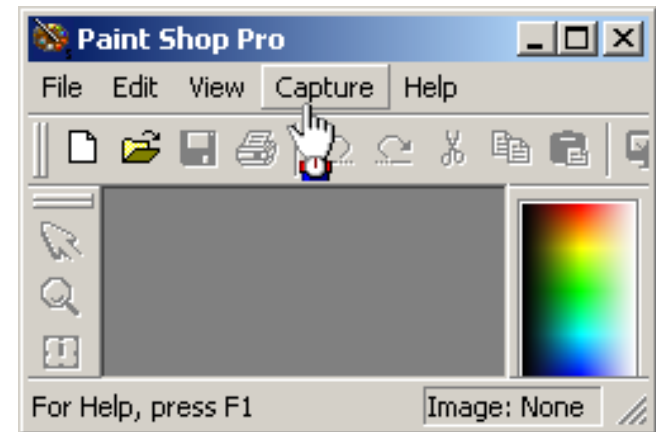
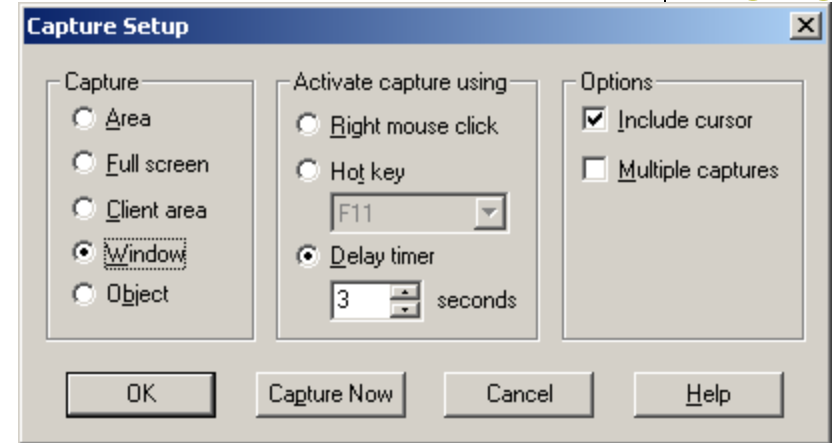
In MS Windows

- Display an image
  - Hit Alt + Print Screen keys (for a specific window)
- or
- Hit Print Screen key (for image of full screen)
  - Open Paint program
  - Save image



# Paint Shop Pro

- Launch PSP
- Capture > Setup
- Capture: Window
- Delay Timer: 2 s
- Options: ± Cursor
- Cursor on image window
- Click and save image
- Select format







# Information

- <http://www.sb.fsu.edu/~xray/Manuals/ScreenCapture.html>
- Thayumana “Soma” sundaram  
644-6448 | [soma@sb.fsu.edu](mailto:soma@sb.fsu.edu) | KLB 414
- X-Ray Facility KLB 410A