X11 cheatsheet

Ghodawala Aman

1. How to create a simple window

First of all you have to open a connection to X server through X11 protocol. To achive that you have to use the folowing function. **XOpenDisplay(char* display_name)** this function takes display name as argument if you don't have multiple display you can safely pass **NULL** as argument, It will tell X server to connect to whatever display is available. This fucntion returns a pointer to structure **Display**. It has all the metadata to talk to X server.

After establishing connection to X server, now we can create a simple window. To create a simple window you have to use the following fuction :

XCreateSimpleWindow(Display *display, Window parent, int x, int y, unsigned int width, unsigned int height, unsigned int border_width, int depth, unsigned int class, Visual *visual, unsigned long valuemask, XSetWindowAttributes *attributes)