H-Windowing APIS e Open an OS wholow • Capture input devices Charlocard, mouse, compoler, my Ex openGLiz GLOT · GILOT (The OpenGI Utility Toolet)
· FreeGIUT (Open-source GILOT) Oldest Biggest, giumatea > 0 Qt e GLEW Recommended #Indude <GL/glot.h> int main (int arge char * argv) ght Main loop return D; GLUT Inits Muit GRUT glot luit (&arge, argv) Double befores glot Create Window ("W);

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glo 11 create a window Tregister display calback function glut Display Func (my Display);

void my Display () 11 OpenGL draw calls here desenser keyboard callback Evertion wid mykeylaserd (consigned char key, int x, int y) I stande kontrad uput here gutspecial ture (my key board 2); wid my Key board 2 (int key, int x, int y) 4 Handle keyboard input here glut Get Modifier (); / Checks for modifier tous (cto), alt, m) Il Register masse callback function gluf Moose Fonc (myllase); void mylloose Cut botton, int state, intx, inty) Mande mouse bottons here glot Rotion Fonc (my Mouse Motion); void my Marse Motion (intx, jut 9) Il transle mouse motion here while a botton is down

glut Passive Hotion Four (mg/House Pressive) Void my Mouse Passive (Put x, int y) Il Handle mouse motion here while a bottom is 3 1 NOT down det Reshape Fine (my Reshape); vol ungledrage (int x, int y) 11 Do what you want when the window size changes Register idle calback function glotide Func (my Idle); void myldle () 1/ Handle animations here DRENGL inits sot the background color Cleas (0,0,0,0); Create buffers 11 Create textures 1 campile shaces void myDisplay() I dear the veryort Clear Con - COLOR - BUFFER BUT GIL DEPTH BUFFER BIT) MopenGil draw cals here 1/3 was buffers glut swap Buffers ()

Double boffering; we have a front buffer with the image corrently displayed. We make calculations to a back boffer, when the calculation is founded, me swap the and repeat. This is what glut Swap Buffers Closs. a cannand to the GRU given good their voloris inmediately Then it calls the idle function. void myldle () 11 Example animation glclearColor (red, 0, 0, 0); red += 0.02; 1/ Tell GLUT to redraw 3 glut Past Redisplan O; Versound fontion: void my Keyboard Consigned char leg, intx, inty) switch (key) case 27: NESC glot Leave Main Loop (); 11 Do sewething break glut Post Redisplay ();