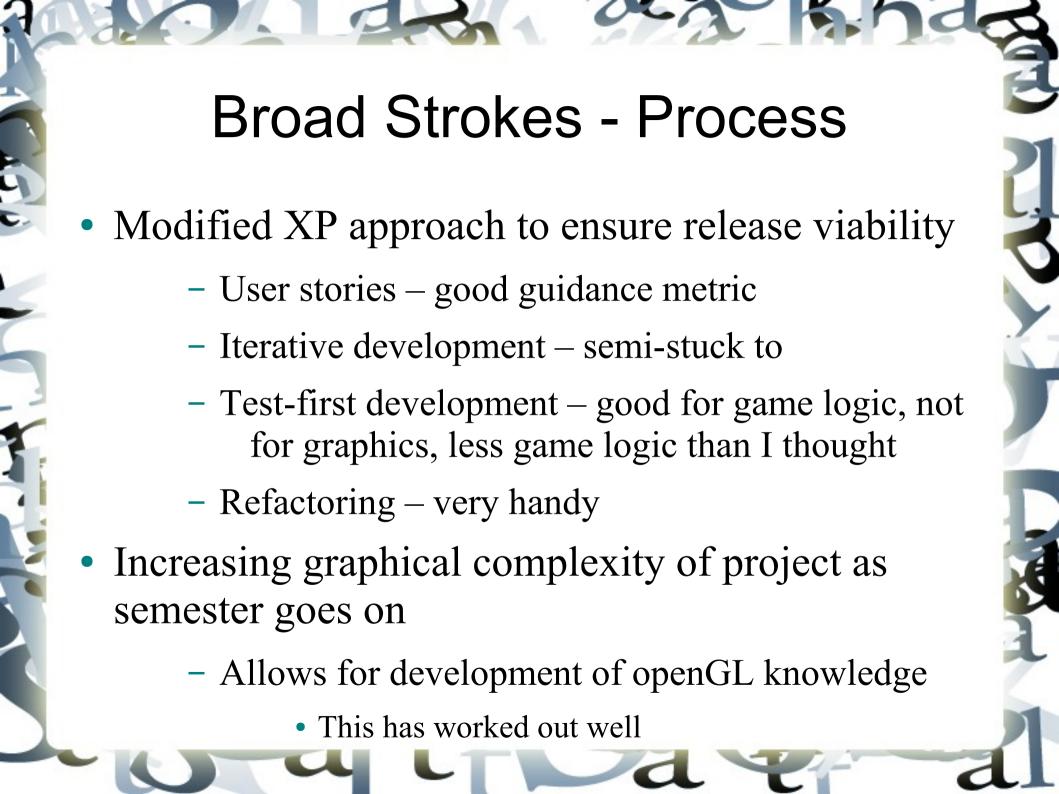


Broad Strokes - Software OpenGL through Jogl for graphics No major problems here JFrame to perform windowing - Far easier than I thought Customized look and feel in Swing for GUI - As easy or as hard as you'd like JDBC to connect to mySQL database through OpenOffice Base Not the implementation I thought - scrapped

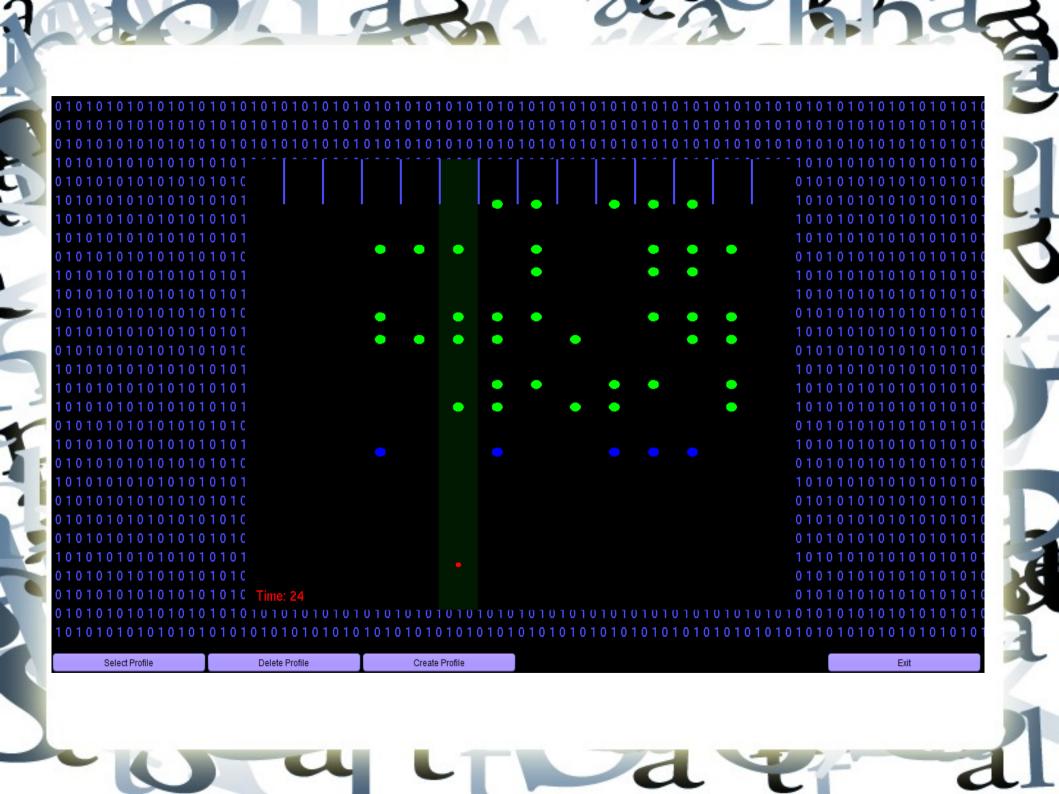


Implementation Objectives • Fully 3d environment in later levels Polished interface - Splash screens for loading and level changes • Not on that iteration, got behind schedule - Fullscreen display for game environments No problems here Customized look and feel to hide common Swing features – yes and no - Full soundtrack and sound effects – slight issues Player profiles/player lounge – stubs till end

Game Outline • Level 1 – Inside register – Binary addition - Good introduction, 80-20 rule • Level 2 – Inside CPU – Projectile dodging - Felt a little repetitive, working on polishing • Cutscene 1 – First 3D component, low-flying journey over northbridge and out to main memory, initially neon-wireframe - Blender issues

Game outline - continued • Level 3 - Main memory – more strategic, player shifts through regular polygon forms - Felt clunky, scrapped and redrawn • Level 4 – Computer system – first 3D level, bus line navigation with texture mapping, forging new body - Adapted graphics assignment logic with redrawn environment and refined controls • Cutscene 2 – Not there yet

Game outline - Final • Level 5 – wicked awesome stuff - tbd • Final cutscene – See above



Architecture Main class GameManager displays background, manages profiles/player lounge and calls other modules. Moved event handling to inner classes • Classes for each successive level, as well as sound

Conclusions Game logic less taxing than anticipated OpenGL friendlier than expected Game story/environments more difficult than anticipated Blender is awesome but evil

Going Forward • Iteration 1 - 3/13 – First two levels & interface • Currently on iteration 1.5 but should finish that up tomorrow. • Unfortunately leaves only a single weekend for final details such as cutscenes and polish