

High Stakes Poker
- Seven Cards Stud -

12 / 06 / 2007

High Stakes, Inc.



High Stakes Poker, 0.1b



High Stakes Poker – Seven Cards Stud





Motion Capture

- Total 18 minutes performance capture
- About 140 unit motion clip generated



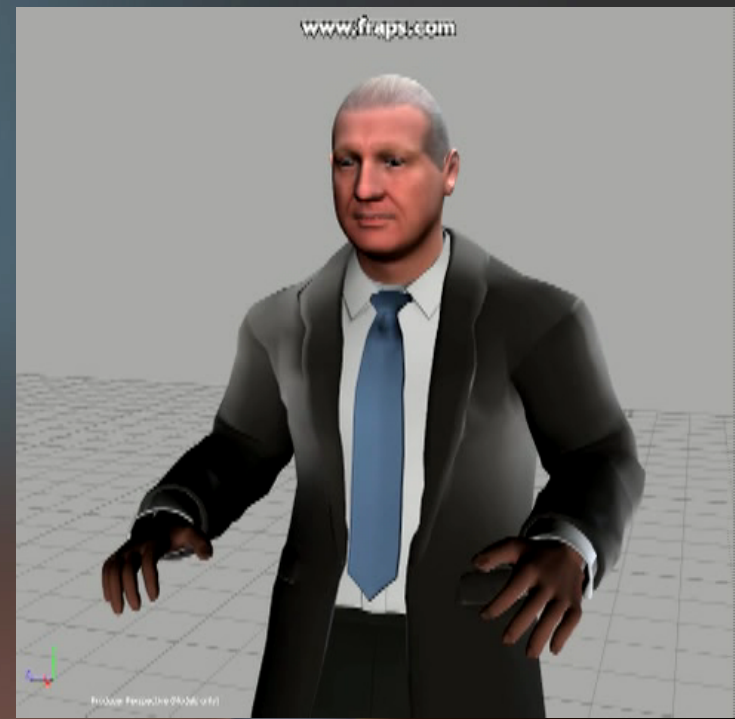
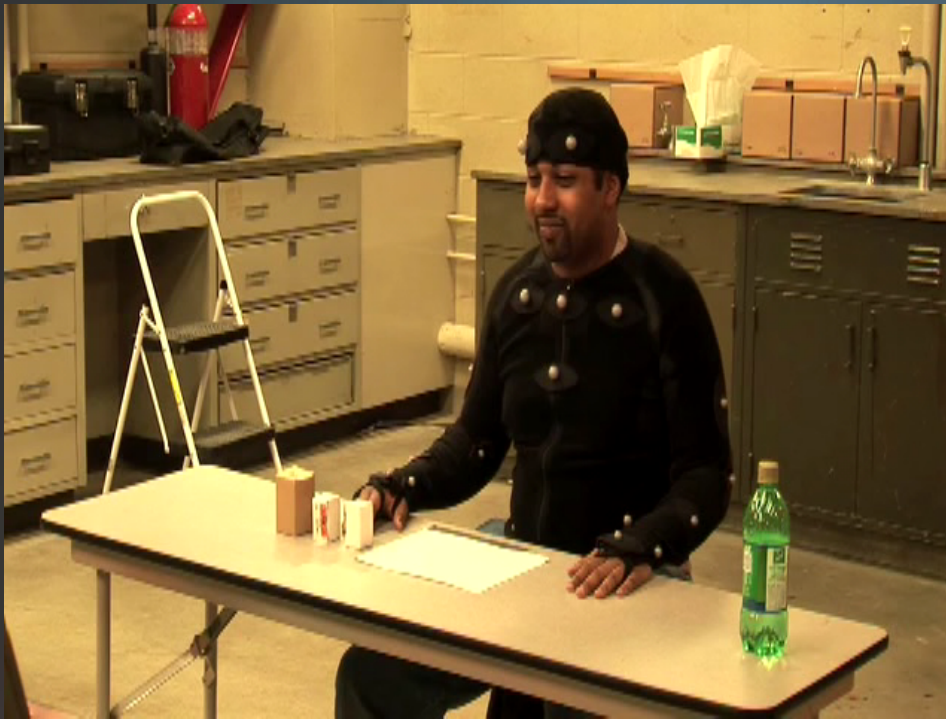
High Stakes Poker – *Seven Cards Stud*





Beyond the key framing

- Extensive Post-processing & Editing
- Maya & MotionBuilder used
- Motion & Recorded Voice Synch



High Stakes Poker – Seven Cards Stud





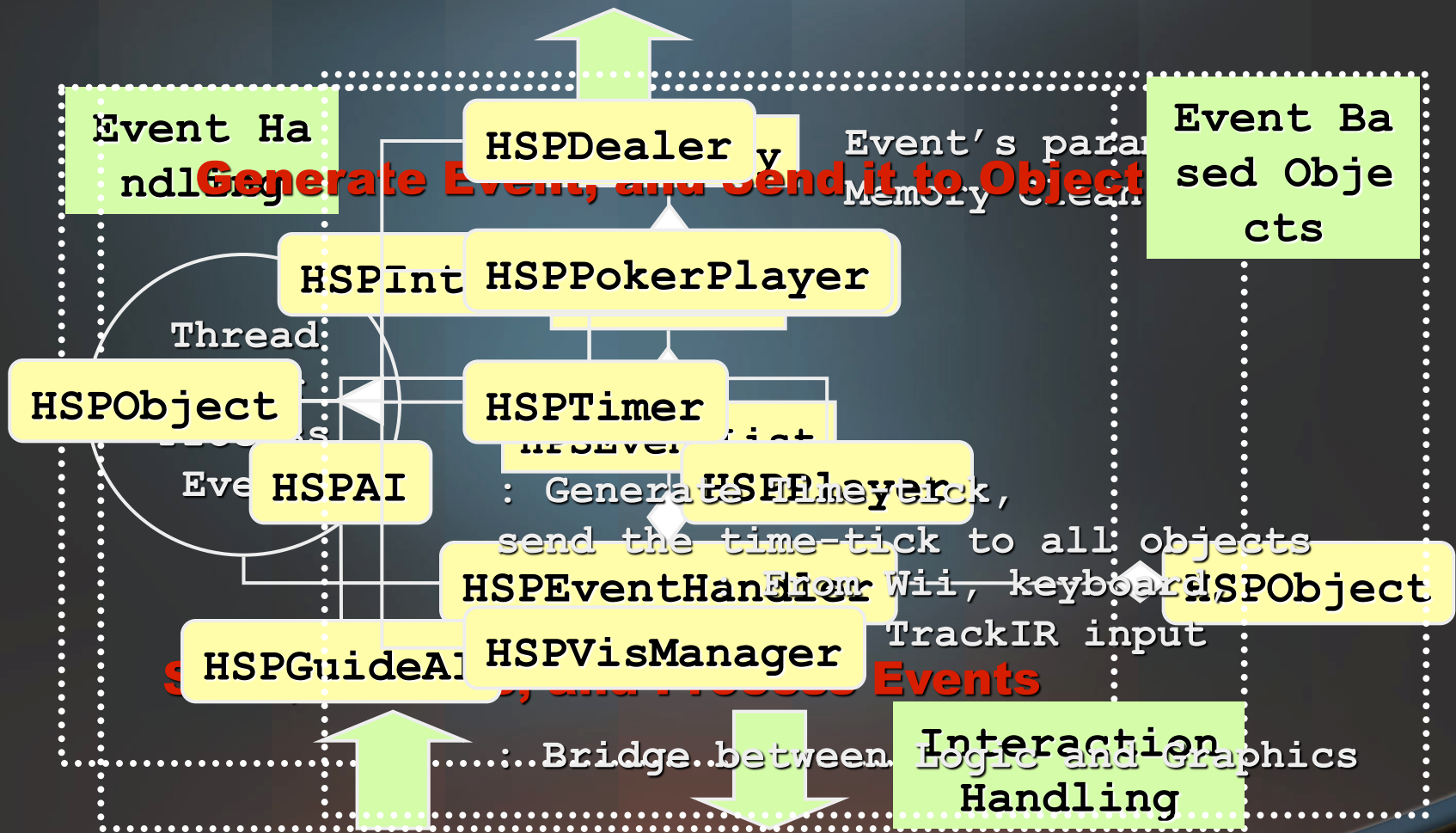
Poker Engine

- **Logic for Seven Card Stud**
- **Apply Poker AI**
 - Sensor
 - Factors : IQ, EQ, Strength (Hand/Card), Risk, Emotion
 - Make Decision
 - Make Different Levels : Script for portion rate of Factors
- **Event Based Structure**
 - Object, Event-Handler, Interaction-Handler
 - Easily Extendable





Poker Engine





Wiimote

- **Since the WiiMote sensor bar would offset the TrackIR system, the Wiimote controls were designed so that motion sensing would only be and accelerometer handled by the gyrometer.**
- **At certain force and speed, the Wiimote would detect the wrong direction, so boundaries for the script had to be defined so that a vertical movement wouldn't be mistaken with a horizontal one.**





Graphical User Interface

- **Used Crazy Eddie's GUI**
- **With CEGUI, many components of the interface can be written in XML. This saved a lot of time, because many of the aesthetic components of the GUI can be modified without having to recompile every time there is a change.**
- **The menu goes from one screen to the next by simply trading sheets.**





Sounds

- **Most of the sound effects where recorded in a sound free room.**
- **Many lines of voice acting were recorded there as well, but in the end we could not use them :((Since we recorded voice before we did the motion capture, the voice timing didn't exactly tune up with the captured actions)**





References & Credits

- **Project LifeLike, www.projectlifelike.org**
- **OGRE, www.ogre3d.org**
- **FaceGen, www.facegen.com**
- **Vicon, www.vicon.com**
- **World Series of Poker 2008, www.beatthebrat.com**
- **PokerTH, www.pokerth.net**
- **Microsoft Speech, www.microsoft.com/speech**
- **Sound sources from where?**

