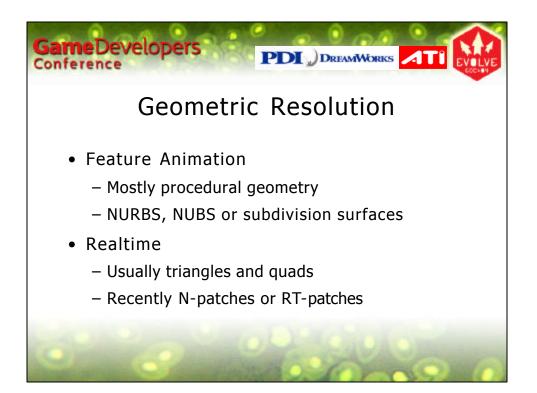




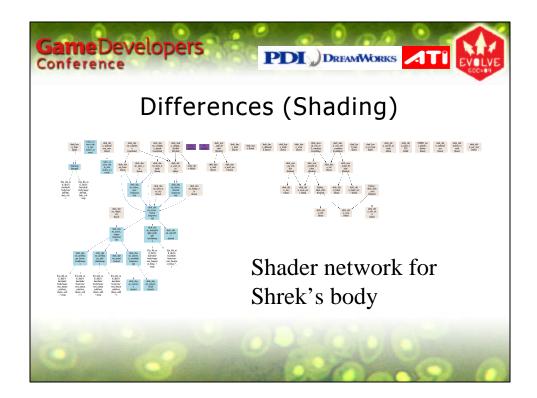


Similarities					
Technology	Feature Animation	Realtime			
		Rendering			
Resolution	720 x 486 (NTSC)	640 x 480			
	1828 x 1102 (Academy	1024 x 768			
	1.66)	1280 x 1024			
Anti-Aliasing	8 x 8	4 x 4			
Bits per channel	32 (internal float)	32 (internal float)			
	4-8 (YUV 4:2:2)	8 (RGB 8:8:8)			

GameDevelo Conference	opers			
Differences (Geometry)				
Technology	Feature Animation	Realtime Rendering	Order of Magnitude	
Time per frame	8000 secs	0.015 secs	6	
Polys / frame	100 M	0.1M - 1M	2	
Bones & Skinning	350 CPU proc.	32 4 mat/bone	1	
9	9	60	00	



GameDevel	opers	PDI DREAMW			
Differences (Rendering)					
Technology	Feature Animation	Realtime Rendering	Order of Magnitude		
Time per frame	7000 secs	0.015 secs	6		
Number of Lights	100	5 - 10	2		
Shadow samples	1000 (soft shadows)	1 (depth map)	3		
9	Section and the	1000	0		



onference	opers	PDI DREAM			
Differences (Shading)					
Technology	Feature Animation	Realtime Rendering	Order of Magnitude		
Shader ops per pixel	1 M	100	4		
Shader Parameters	~100 (chained)	~10	2		
Texture R A M	1545 MB	64 MB	1.5		
2	Selection in the	100			

