Controls

W	Move forward
Α	Move left
S	Move backward
D	Move right
Mouse X	Control camera yaw
Mouse Y	Control camera pitch
Q	Rotate camera roll anticlockwise
Е	Rotate camera roll clockwise
F1	Reset camera roll
F2	Toggle wireframe
F4	Toggle free-cam/cinematic-mode
Comma	Reduce speed
Period	Enhance speed
Strg comma	Reduce sample count (antialiasing)
Strg period	Enhance sample count (antialiasing)
Alt comma	Steps
Alt period	Steps++
Alt strg comma	Finesteps
Alt strg period	Finesteps++
Shift comma	Particle Update-rate
Shift period	Particle Update-rate++
Esc	Quit game

Important program segments

almost everything of interest is found in the Chunk-class or the ParticleSpawn-class, a little bit in the main-loop and setSamples-method. Additionally, there are 13 shader files of interest:

generateChunk_CS.glsl : generating the density volume.

Chunk_VS.glsl

Chunk_GS.glsl : rendering pipeline, containing the marching cubes algorithm.

Chunk_FS.glsl

Chunk_FS.glsl : displacement mapping.

ChunkRay_CS.glsl : parallel computation of Ray-relevant voxels.

Particle_VS.glsl

Particle_GS.glsl : rendering pipeline, containing particle stuff.

Particle_FS.glsl

Blur_CS.glsl : blur Depth-Map.

ShadowMap_FS.glsl : Render Shadows.

SSAO_VS.glsl

SSAO_FS.glsl : create SSAO texture, blur, render original + SSAO.

SSAOBlur_FS.glsl SSAORender_FS.glsl