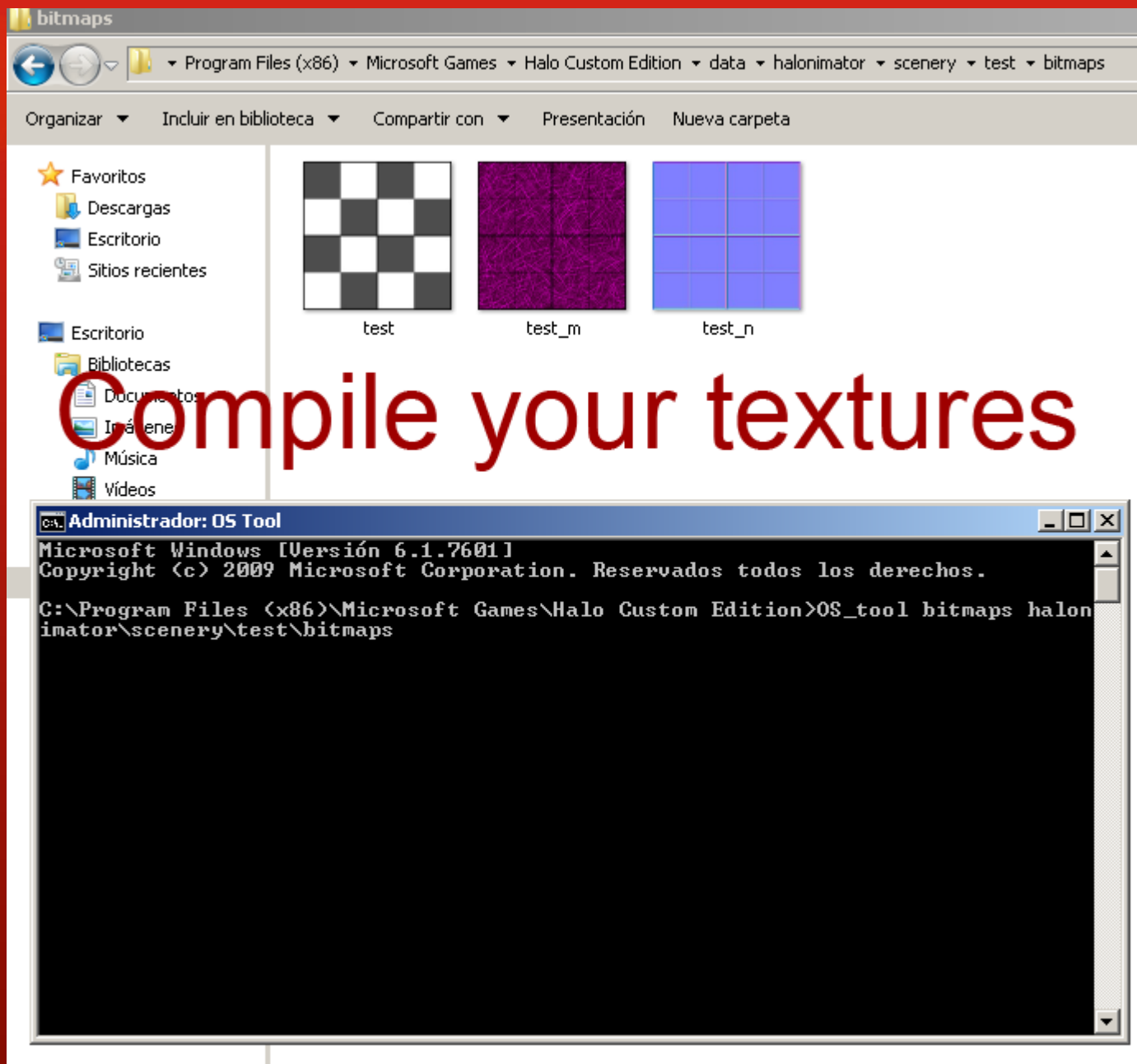


The background of the slide is a solid orange color, decorated with various silhouettes of autumn leaves in a lighter shade of orange. The leaves are scattered across the frame, with some appearing as simple outlines and others as more detailed shapes with veins.

*CUSTOM MULTI
PERMUTATION FOR
HALOCE*



halonimator\scenery\test\shaders\test.shader_model

flags

☐ no random phase

color source

none

animation function

one

animation period

0

seconds

animation color lower bound

r 0

g 0

b 0

animation color upper bound

r 0

g 0

b 0

maps

Base map alpha is used for alpha-testing.

Multipurpose map is used for the following:

- * RED: specular reflection mask (modulates reflections)
- * GREEN: self-illumination mask (adds to diffuse light)
- * BLUE: primary change color mask (replaces diffuse map)
- * ALPHA: auxiliary mask

Note that when DXT1 compressed color-key textures are used for the multipurpose map (as they should be normally), the alpha channel is 1-bit and any non-zero alpha pixels must have zero-color, therefore the secondary change color mask cannot affect pixels already affected by any of the other channels.

Detail map affects diffuse map, and optionally affects reflection if <detail after reflection> flag is set.

map u-scale

0

map v-scale

0

base map

halonimator\scenery\test\b

...

Open

multipurpose map

halonimator\scenery\test\b

...

Open

detail function

double/biased multiply

detail mask

none

detail map scale

0

detail map

...

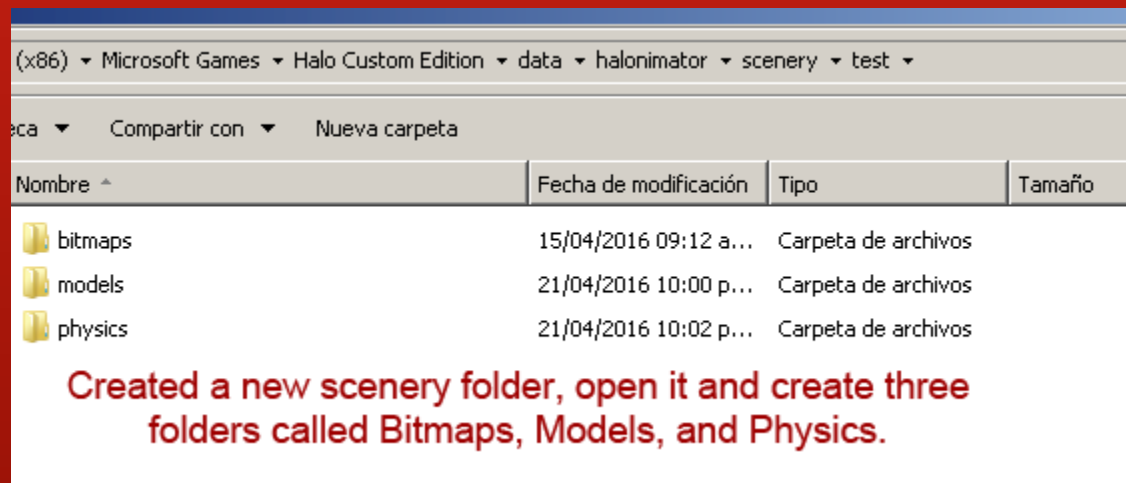
Open

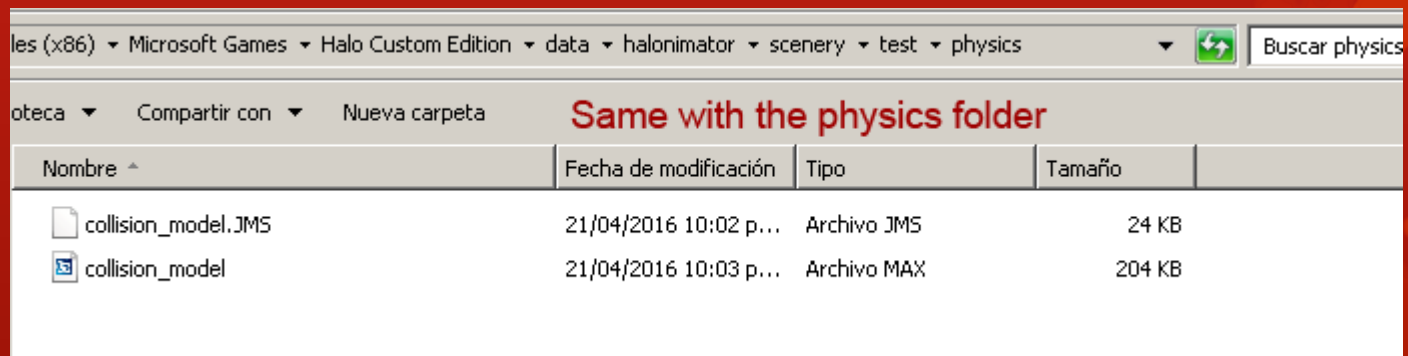
detail map v-scale

0

Make a shader_model tag
and add your bitmaps

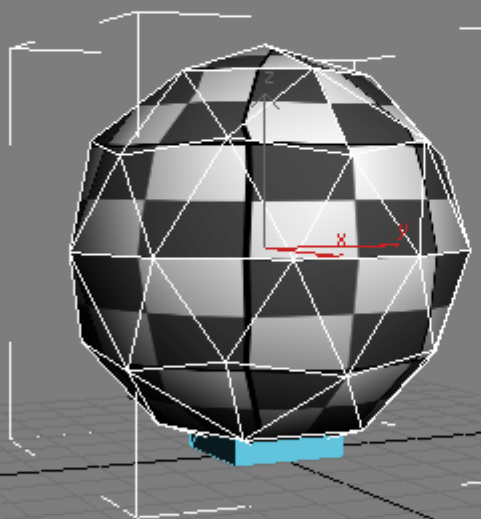
es (x86) ▾ Microsoft Games ▾ Halo Custom Edition ▾ data ▾ halonimator ▾ scenery ▾ test ▾ models ▾  Busc...				
Biblioteca ▾ Compartir con ▾ Nueva carpeta Create these files inside the models folder				
Nombre ▴	Fecha de modificación	Tipo	Tamaño	
 high.jms	21/04/2016 09:58 p...	Archivo JMS	148 KB	
 high	21/04/2016 09:59 p...	Archivo MAX	220 KB	
 low.jms	21/04/2016 09:58 p...	Archivo JMS	54 KB	
 low	21/04/2016 09:55 p...	Archivo MAX	206 KB	
 medium.jms	21/04/2016 09:58 p...	Archivo JMS	95 KB	
 medium	21/04/2016 09:56 p...	Archivo MAX	212 KB	
 super high.jms	21/04/2016 09:58 p...	Archivo JMS	213 KB	
 super high	21/04/2016 09:56 p...	Archivo MAX	229 KB	
 super low.jms	21/04/2016 09:58 p...	Archivo JMS	24 KB	
 super low	21/04/2016 09:58 p...	Archivo MAX	201 KB	





Perspective

Export the permutation



Select Objects

frame test
#pathfinder
unnamed
Master Chief

☒ Display Subtree ☐ Case Sensitive
☐ Select Subtree ☐ Select Dependents

Polygon Count

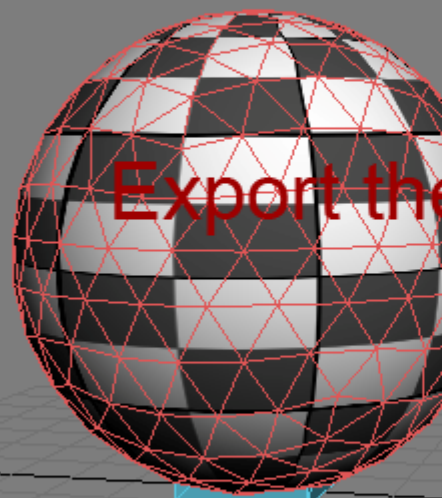
Selected Objects
Budget: 1000 Current: 80
.....

All Objects
Budget: 10000 Current: 630
.....

☒ Count Triangles ☐ Count Polygons

0 / 100

perspective



Export the permutation

Select Objects

frame test
#pathfinder
_unnamed
Master Chief

Sort
☒ Alphabetical
☐ By Type
☐ By Color
☐ By Size

List Types
☒ Geometry All
☒ Shapes None
☒ Lights Invert
☒ Cameras
☒ Helpers
☒ Space Warps
☒ Groups/Assemblies
☒ XRefs
☒ Bone Objects

Selection Sets

All None Invert

☒ Display Subtree ☐ Case Sensitive
☐ Select Subtree ☐ Select Dependents

Select Cancel

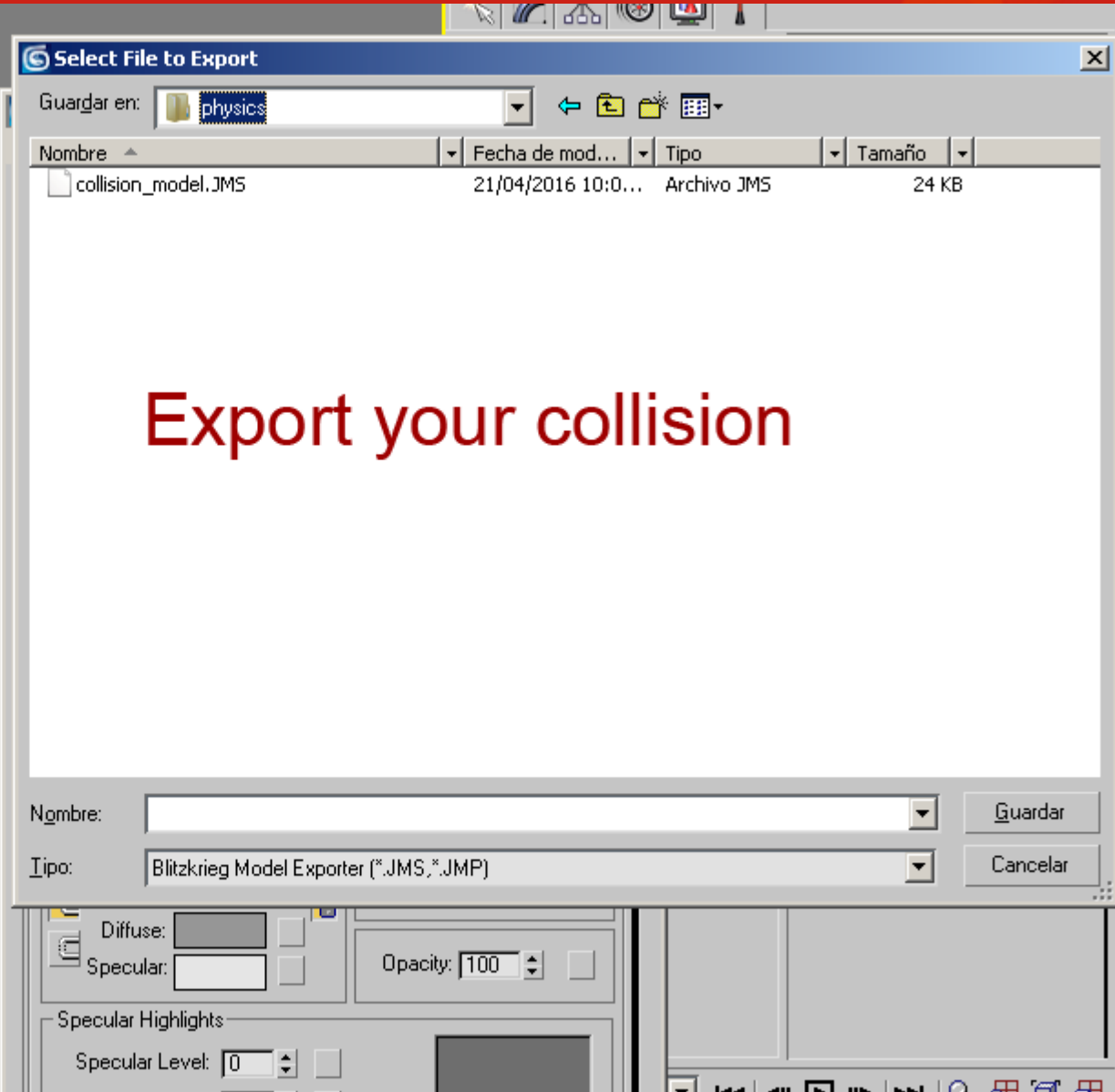
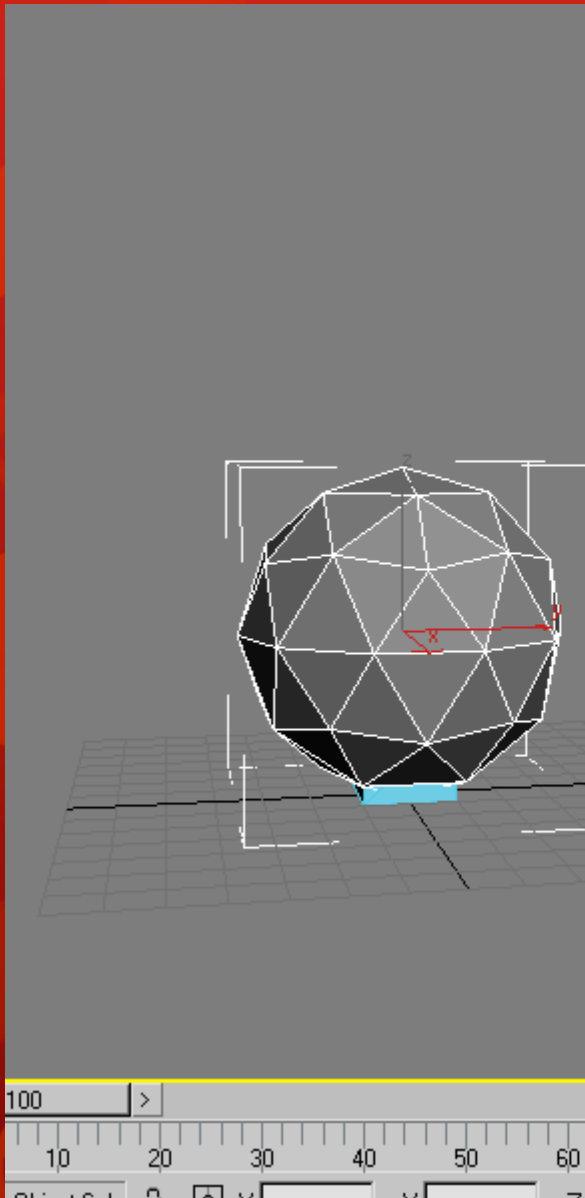
Polygon Count

Selected Objects
Budget: 1000 Current: 0

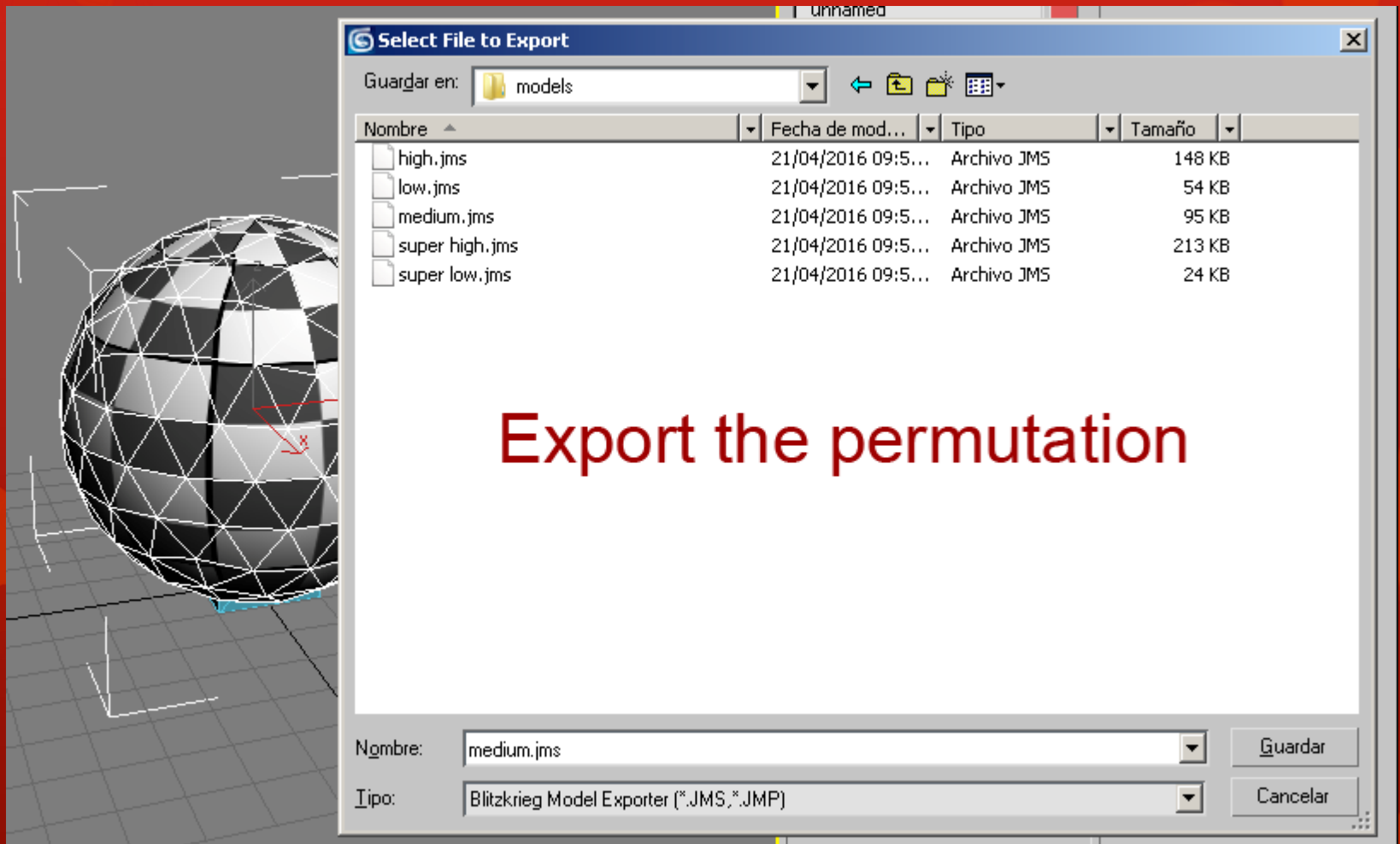
All Objects
Budget: 10000 Current: 1050

☒ Count Triangles ☐ Count Polygons

Close



Export your collision



```
Administrator: OS Tool
structure-lens-flares bsp-name
tag-load-test <tag-name> <group> <prompt-to-continue> <load-non-resolving-refs
> <print-size> <verbose>
unicode-strings source-directory
windows-font
zoners_model_upgrade

C:\Program Files (x86)\Microsoft Games\Halo Custom Edition>OS_tool model halonim
ator\scenery\test
### high.jms
### low.jms
### medium.jms
### super high.jms
### super low.jms

      detail      worst-case      worst-case
      level      vertices      triangles
-----
superlow          108          180
      low          108          180
      medium        181          320
      high          387          720
superhigh         274          500

C:\Program Files (x86)\Microsoft Games\Halo Custom Edition>
```

Compile you models

```
Administrator: OS Tool
windows-font
zoners_model_upgrade

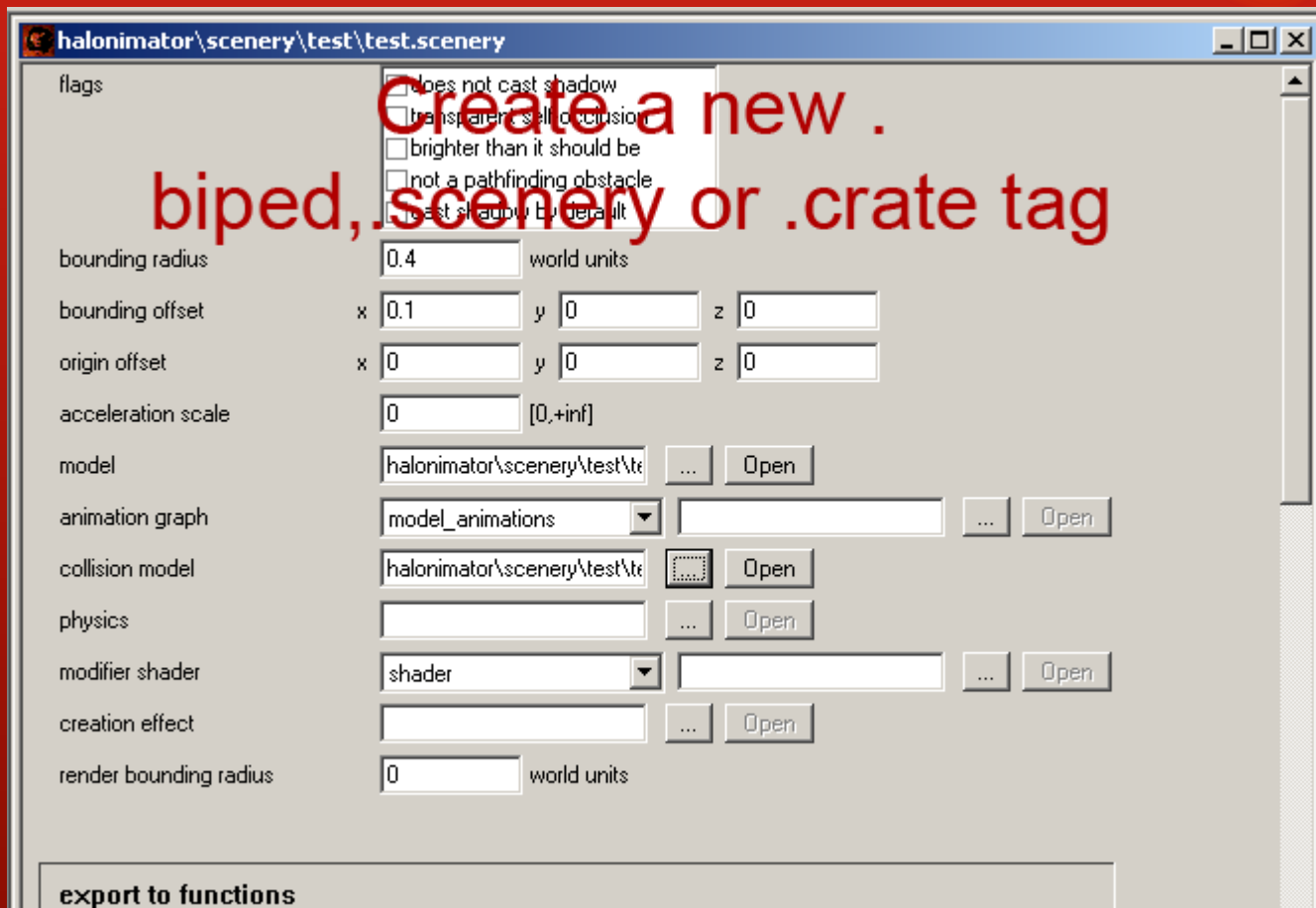
C:\Program Files (x86)\Microsoft Games\Halo Custom Edition>OS_tool model halonim
ator\scenery\test
### high.jms
### low.jms
### medium.jms
### super high.jms
### super low.jms

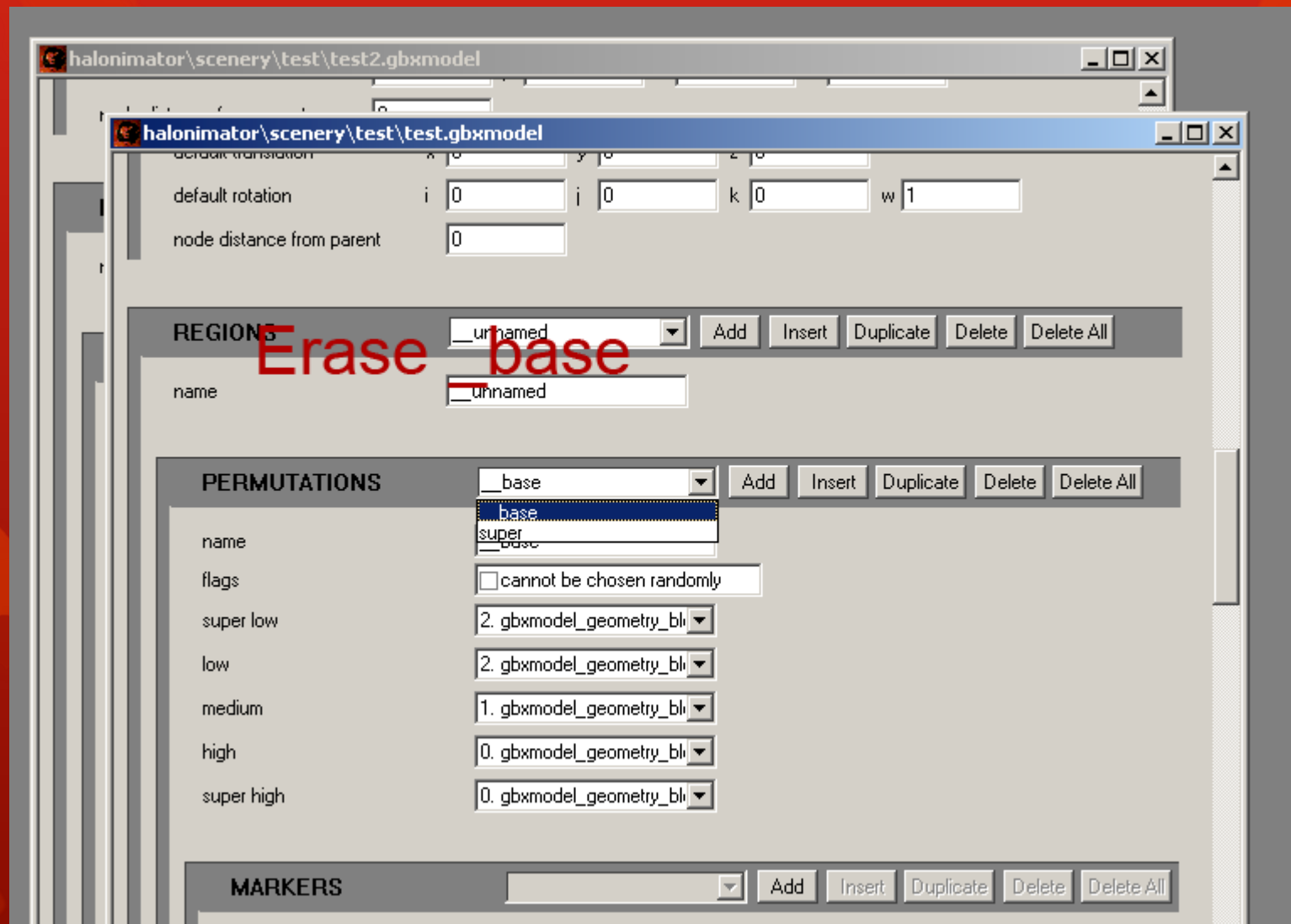
      detail      worst-case      worst-case
      level      vertices      triangles
-----
superlow      108      180
low      108      180
medium      181      320
high      387      720
superhigh      274      500

C:\Program Files (x86)\Microsoft Games\Halo Custom Edition>OS_tool collision-geo
metry halonimator\scenery\test
### collision_model.JMS
### created collision model 'halonimator\scenery\test\test'.

C:\Program Files (x86)\Microsoft Games\Halo Custom Edition>
```

Then your collision





halonimator\scenery\test\test.gbxmodel

parent node index NONE

default translation x 0 y 0 z 0

default rotation i 0 j 0 k 0 w 1

node distance from parent 0

REGIONS __unnamed Add Insert Duplicate Delete Delete All

name __unnamed

PERMUTATIONS test Add Insert Duplicate Delete Delete All

name test

flags ☐ cannot be chosen randomly

super low 4. gbxmlmodel_geometry_bli

low 2. gbxmlmodel_geometry_bli

medium 1. gbxmlmodel_geometry_bli

high 0. gbxmlmodel_geometry_bli

super high 3. gbxmlmodel_geometry_bli

MARKERS Add Insert Duplicate Delete Delete All

name

node index

rotation i j k w

translation x y z

GEOMETRIES 0. gbxmlmodel_geometry_bli Add Insert Duplicate Delete Delete All

Assign the model for each index

halonimator\scenery\test\test.gbxmodel

flags	☐ blend shared normals ☐ parts have local nodes ☐ ignore skinning	
node list checksum	2147483647	
super-high detail cutoff	400	pixels
high detail cutoff	250	pixels
medium detail cutoff	120	pixels
low detail cutoff	50	pixels
super-low cutoff	5	pixels
super-high detail node count	0	nodes
high detail node count	0	nodes
medium detail node count	0	nodes
low detail node count	0	nodes
super-low detail node count	0	nodes
base map u-scale	4	
base map v-scale	3	

Add this to your model tag

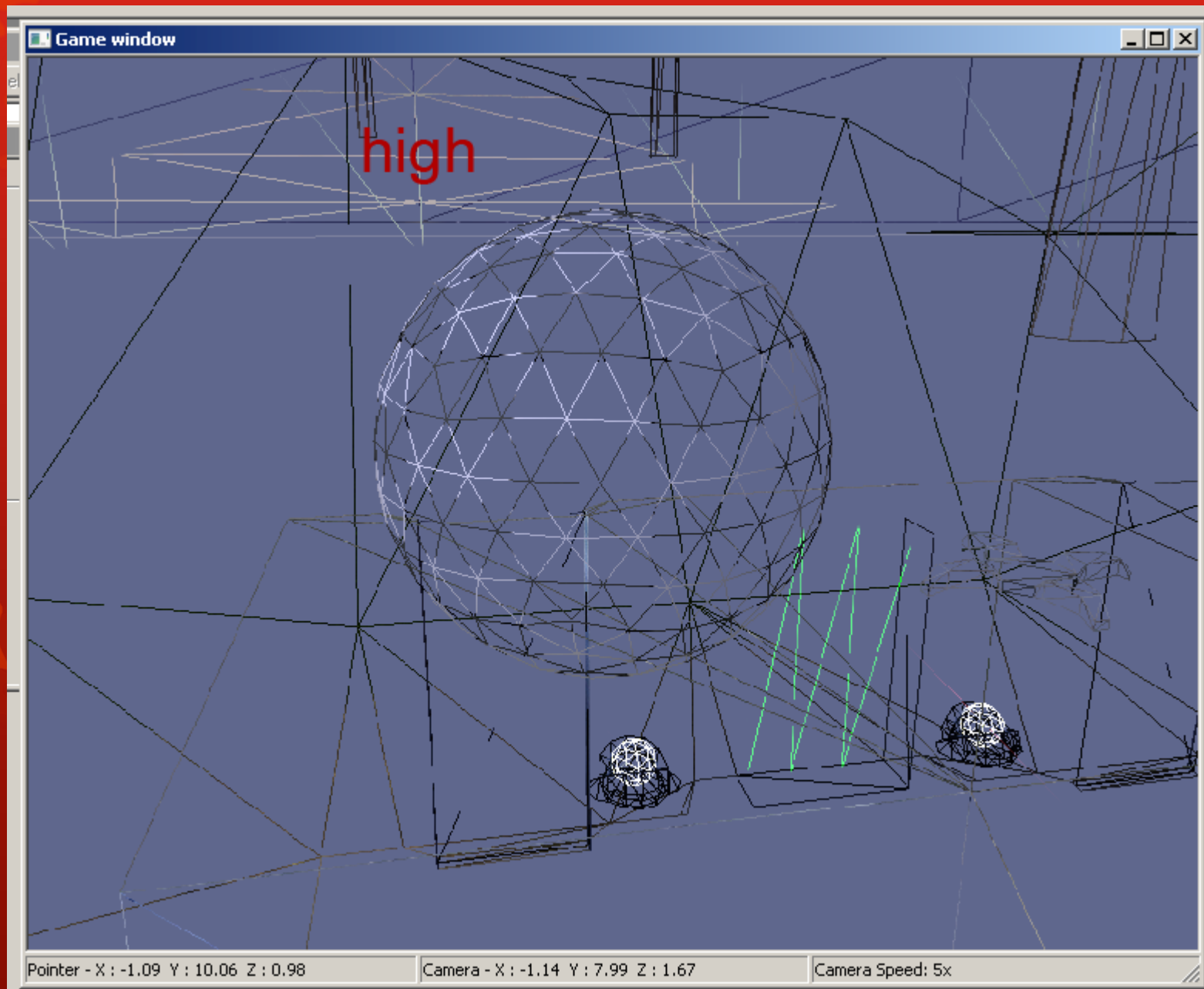
Game window

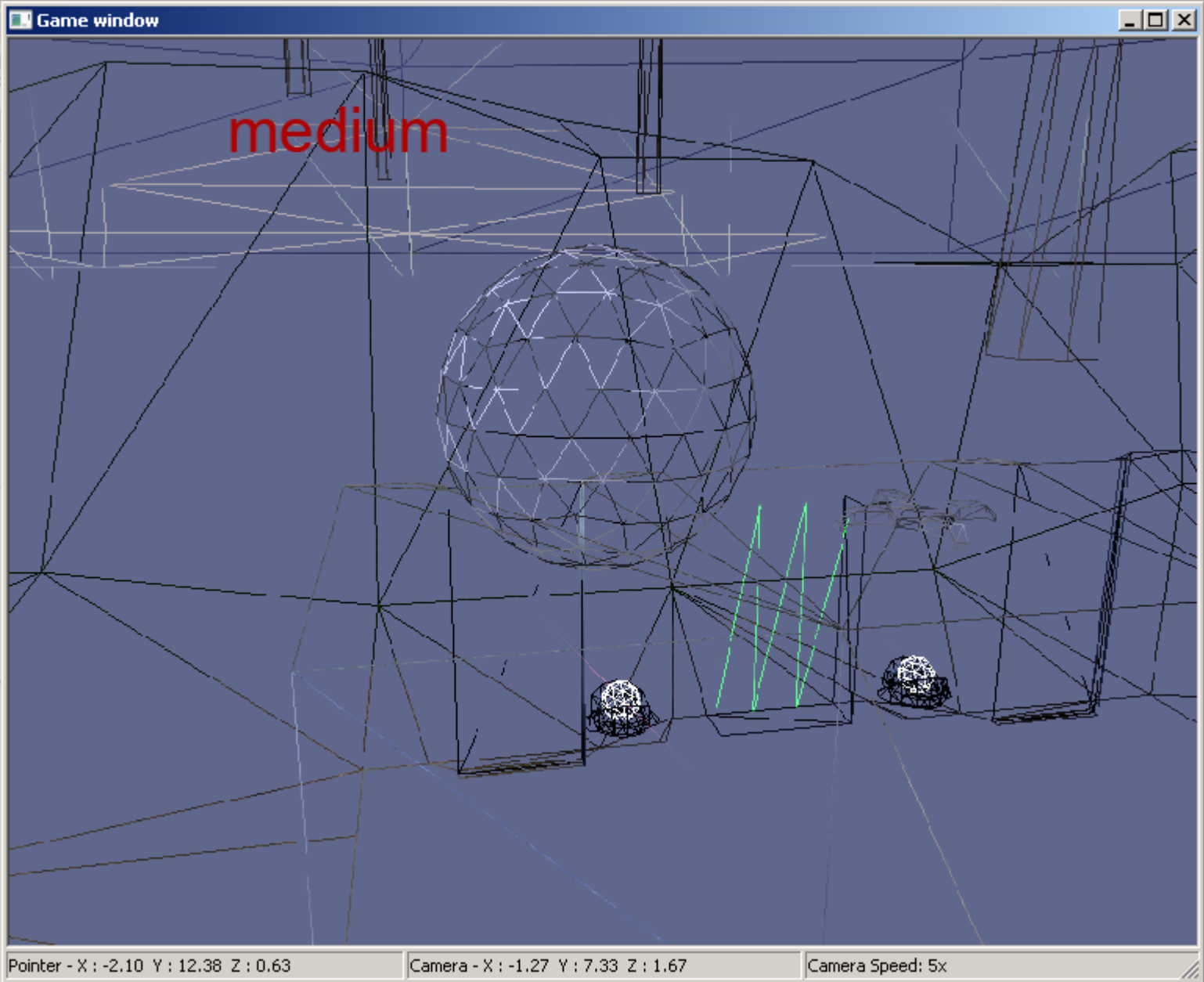
superhigh

Pointer - X : 0.69 Y : 12.21 Z : 0.24

Camera - X : -1.01 Y : 8.60 Z : 1.71

Camera Speed: 5x



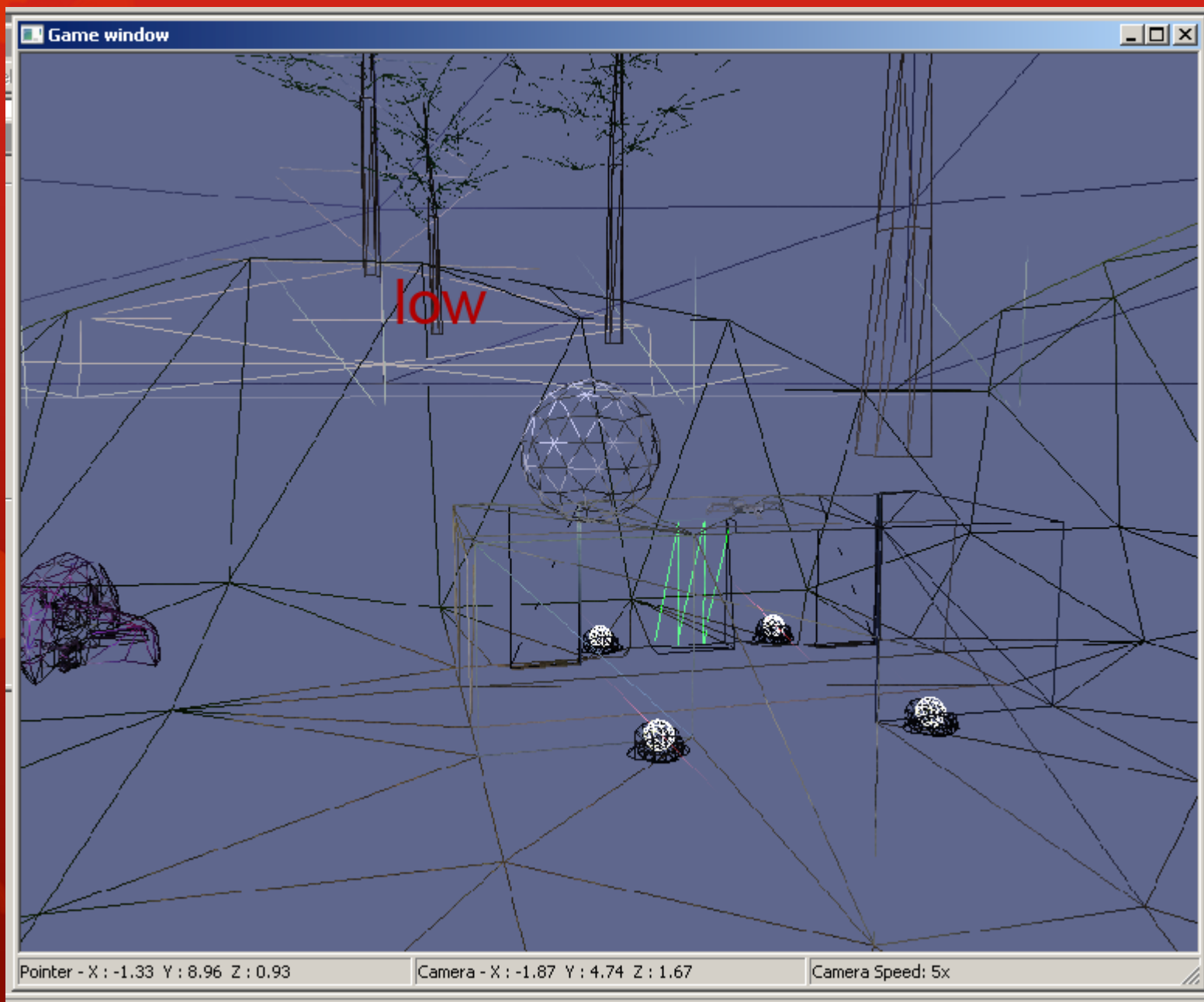


medium

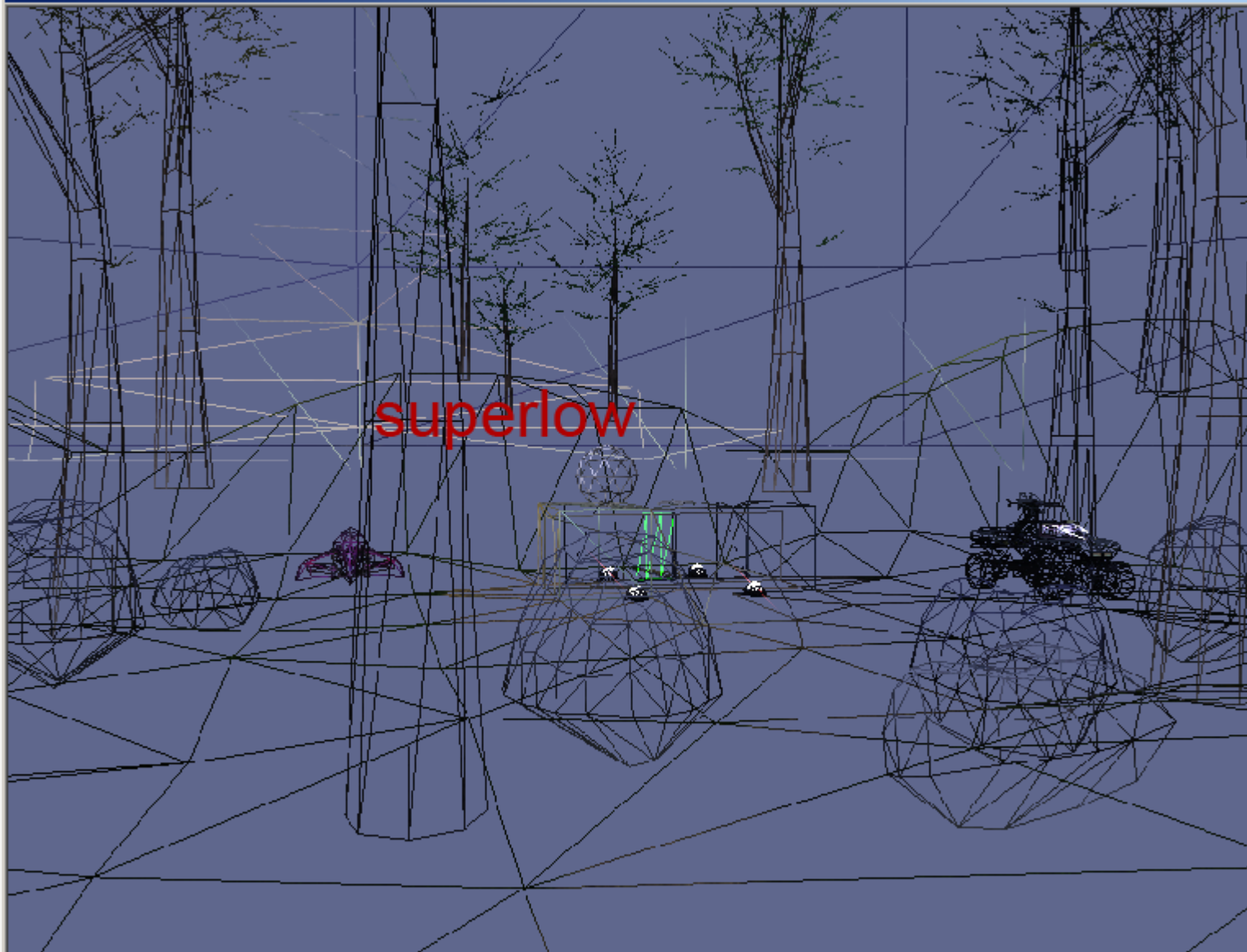
Pointer - X : -2.10 Y : 12.38 Z : 0.63

Camera - X : -1.27 Y : 7.33 Z : 1.67

Camera Speed: 5x



Game window



Pointer - X : -2.60 Y : 10.25 Z : 0.03

Camera - X : -3.60 Y : -1.83 Z : 1.67

Camera Speed: 5x

