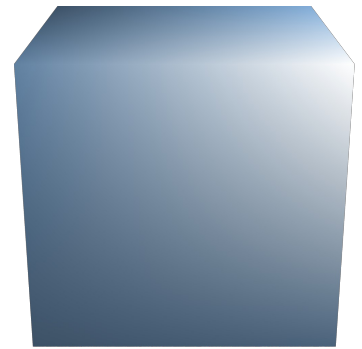
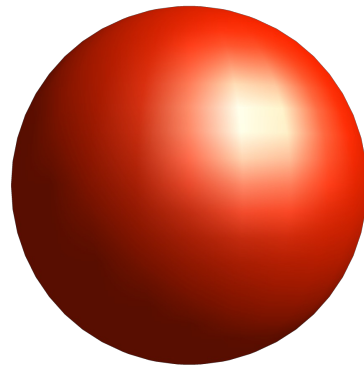
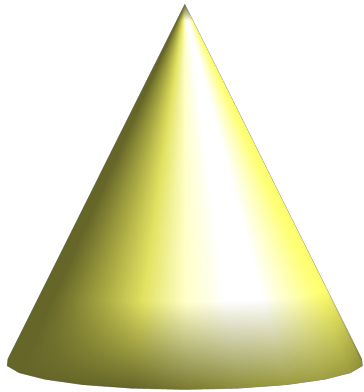
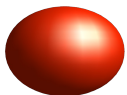
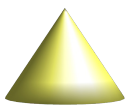


Art of Illusion !



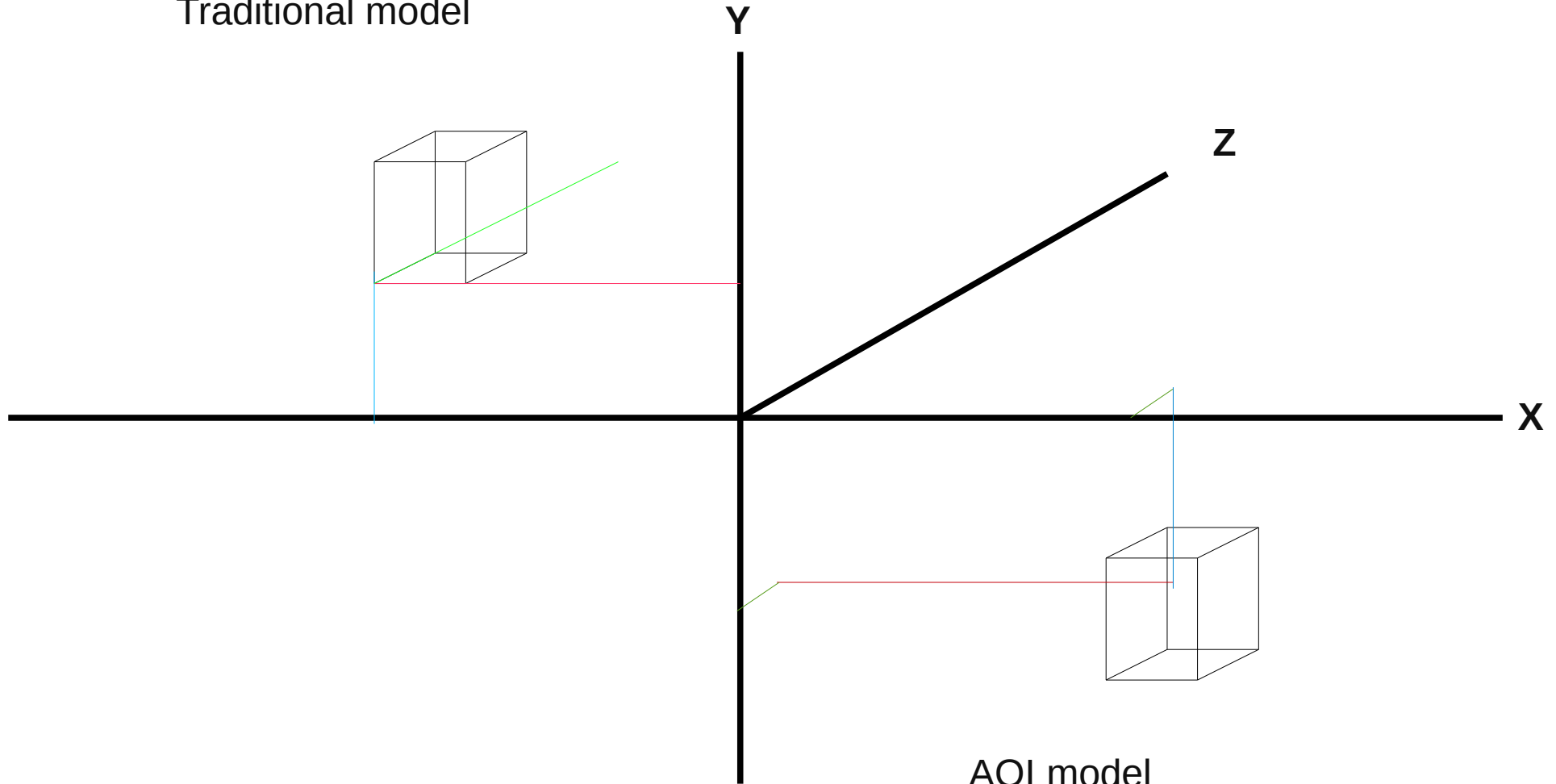
AOI introduction topics

- 3D creation methods
- History of Art of Illusion (AOI)
- How to get it and how to get extensions
- Based on ?
- UI / object editor / procedural editor /boolean
- Scripting
- How to start
- FAQ

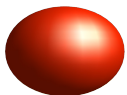
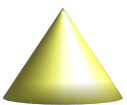


3D creation methods

Traditional model



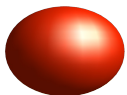
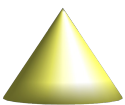
AOI model



3

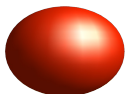
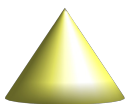
History

- Peter Eastman 21 April 1999 The very first line of code was written (in Vec3.java)
- v1.0 02.10.2002
- v2.0 03.07.2005
- V2.4 16.12.2006
- v2.7 01.07.2009
- v 2.8 12.12.2009
- v2.8.1 01.4.2010 bugfixes
- v2.9 11.5.2011



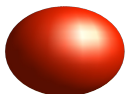
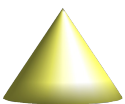
Get it from the Web

- Main page
 - <http://www.artofillusion.org/>
- From sourceforge
 - <http://sourceforge.net/projects/aoi/>
 - <http://aoisp.sourceforge.net/AoIRepository/>
- Forum
 - <http://www.friendlyskies.net/aoiforum/>
 - <http://www.aoi-board.de>

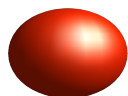
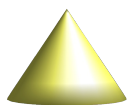
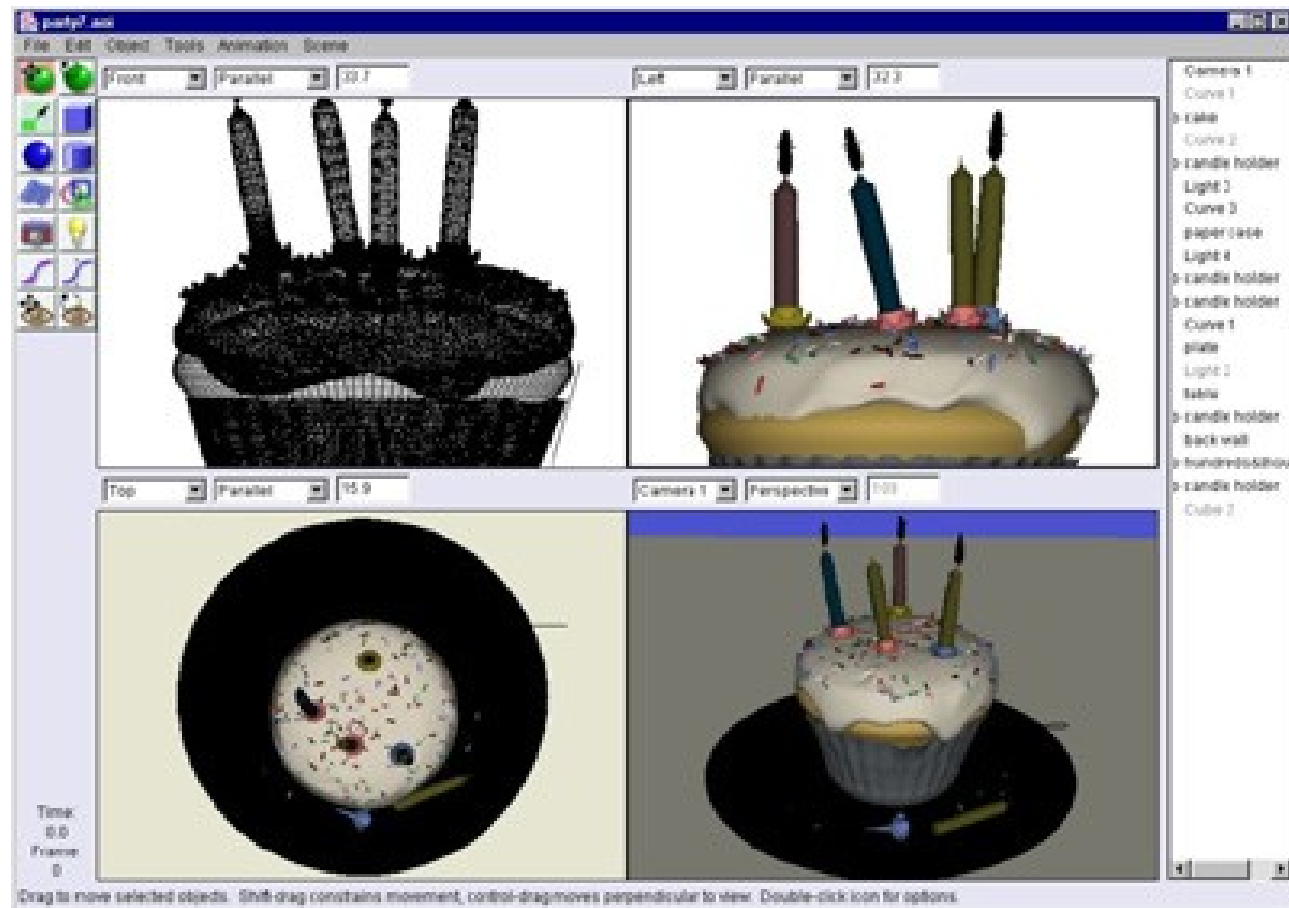


Based on Java

- Java 1.5
 - Installer für MAC OS, Windows, Linux, Unix, other
- Java Media Framework
 - Also needed for animation

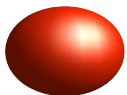
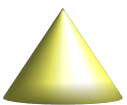
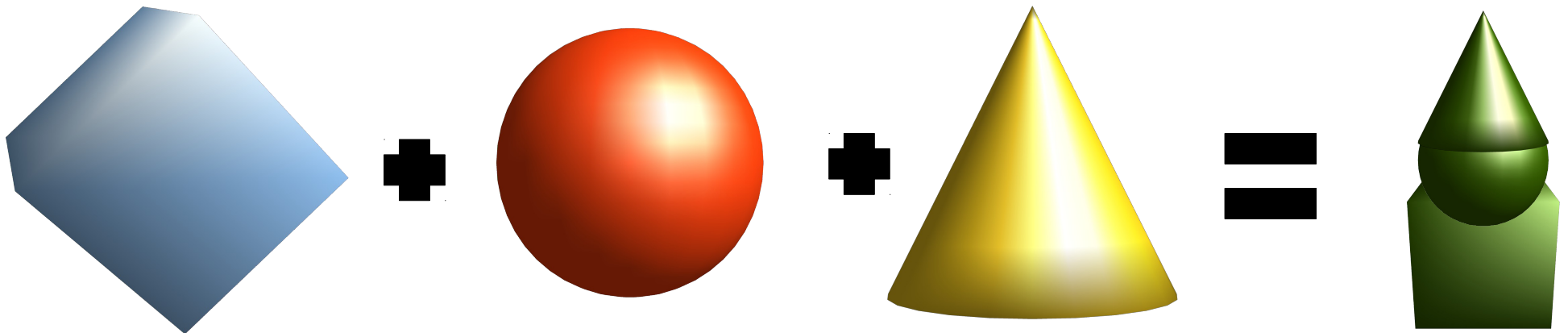


UI overview

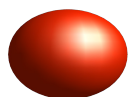
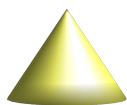
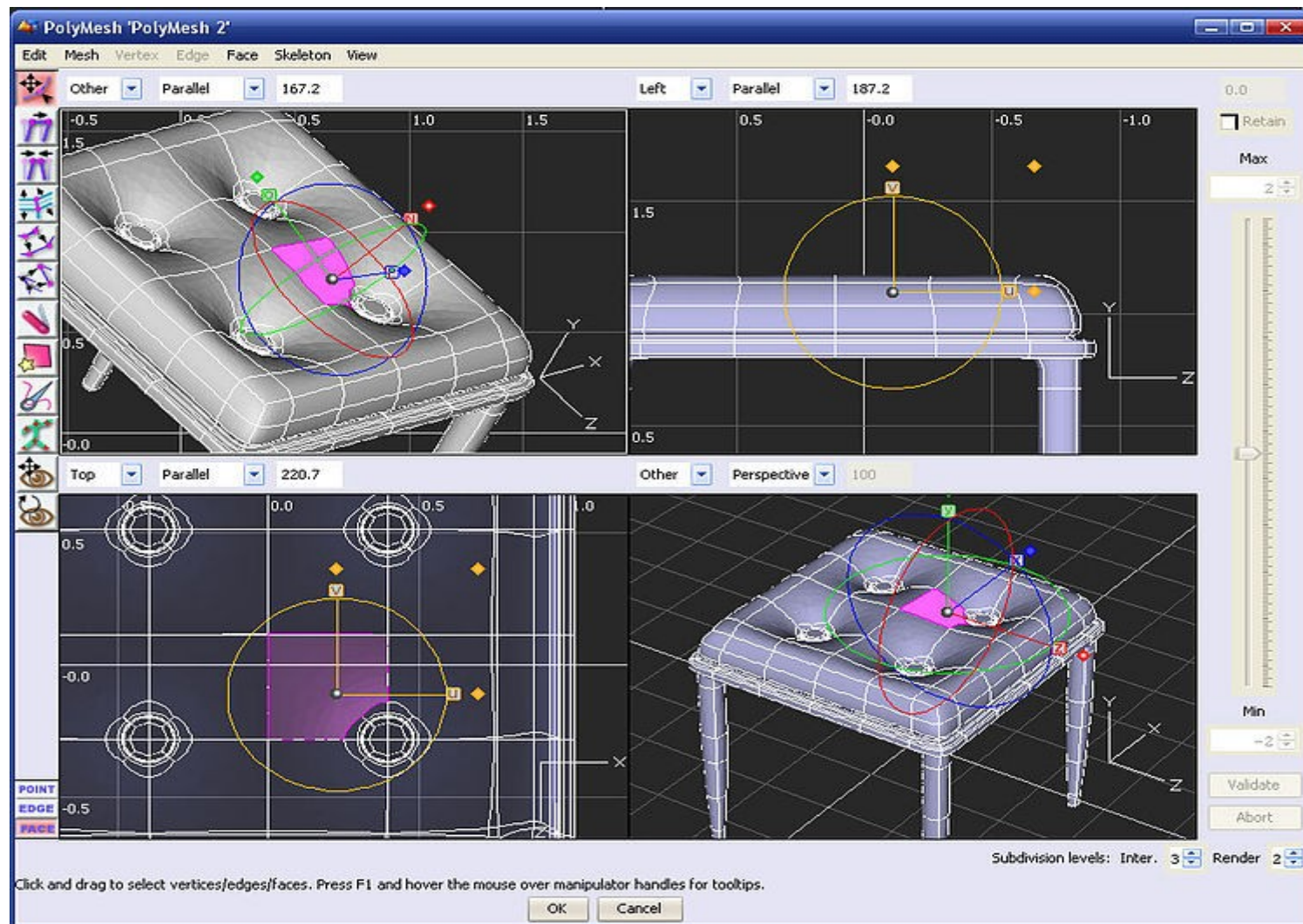


Demo

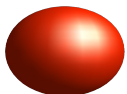
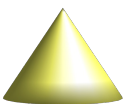
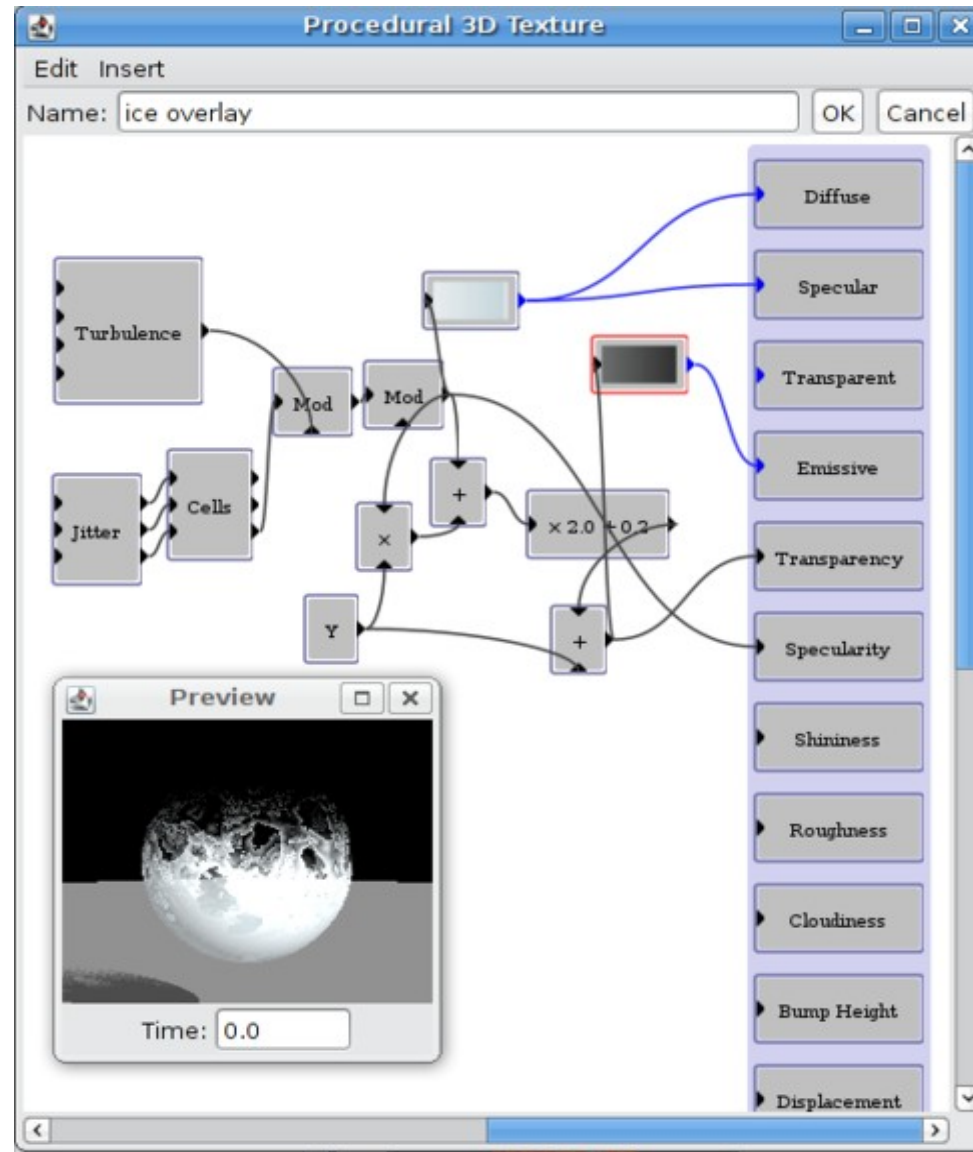
Basis objects with boolean operations



Object Editor

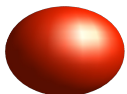
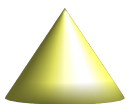
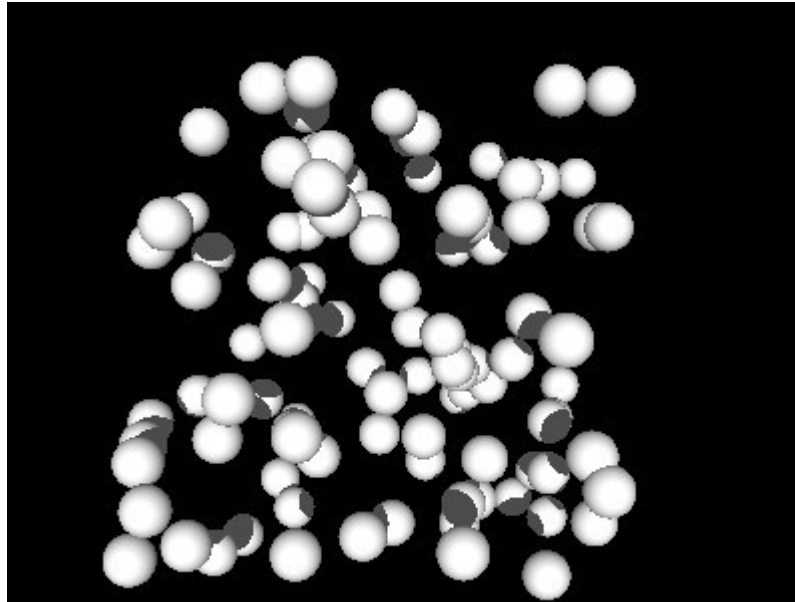


Procedural Texteditor



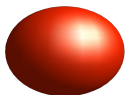
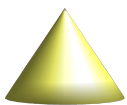
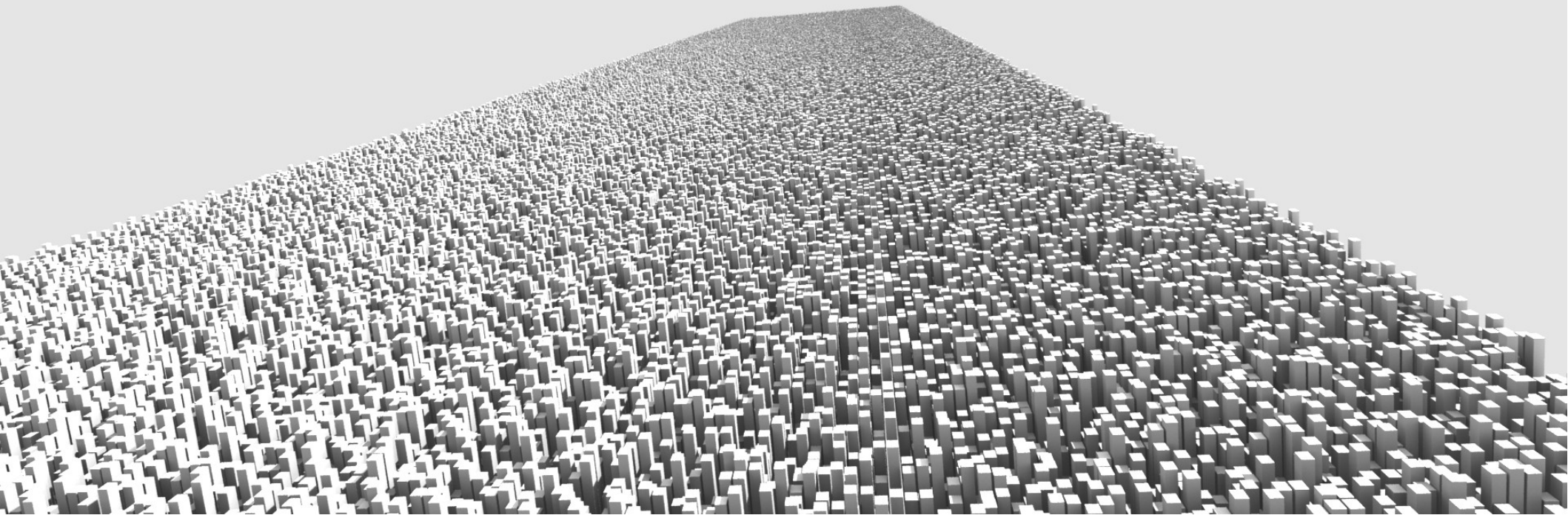
Scripting

```
r = new Random(0);  
for (i = 0; i < 100; i++)  
{  
    sphere = new Sphere(0.05, 0.05, 0.05);  
    pos = new Vec3(r.nextDouble(), r.nextDouble(), r.nextDouble());  
    script.addObject(sphere, new CoordinateSystem(pos, 0, 0, 0));  
}
```



Scripting

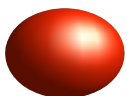
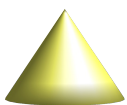
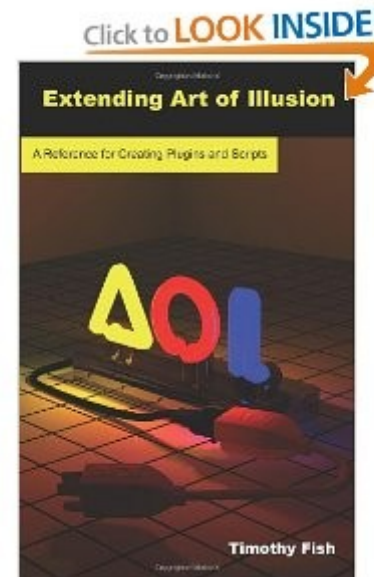
200 000 houses with attached roads



How to start ?



- With one of many tutorials
 - <http://www.artofillusion.org/documentation>
 - <http://www.artofillusion.org/docs/hourglassstut/index>
- Maybe read a book



3D print

- With AOI created Galaxy Tab stand parts

