

25 Free 3D modeling softwares

Posted by Waldo - 2011/11/08 14:23

I thought this link may come in handy to a few designers out there.

25 Free Modeling Softwares

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Re:25 Free 3D modeling softwares

Posted by admin - 2011/11/08 18:51

Blender

A free and open source 3D modeling and animation application which can be used for modeling, UV unwrapping, texturing, rigging, water simulations, skinning, animating, rendering, particle and other simulations, non-linear editing, compositing, and creating interactive 3D applications.

K-3D

K-3D is free-as-in-freedom 3D modeling and animation software. It features a plugin-oriented procedural engine for all of its content, making K-3D a very versatile and powerful package.

K-3D excels at polygonal modeling, and includes basic tools for NURBS, patches, curves and animation.

Art of Illusion

Art of Illusion is a free, open source 3D modelling and rendering studio. Some of the highlights include subdivision surface based modelling tools, skeleton based animation, and a graphical language for designing procedural textures and materials.

SOFTIMAGE|XSI Mod Tool

A free 3D modeling and animation software for aspiring game developers and modders. The Mod Tool is a free version of XSI for non commercial game creation. It is made for everyone needing a powerful 3D application to make and mod games. The Mod Tool plugs into all the major game engines and development frameworks for next-generation games, casual games, mods for existing titles and even Flash-based 3D games.

Zmodeler

ZModeler (or Zanoza Modeler) is a 3D modeling application developed by Oleg Melashenko. It is aimed at modelers who model for computer games. ZModeler is capable of complex modeling, even though it does not support important modeling functions such as extruding, or beveling.

TopMod3d

TopMod3d is a free, open source, portable, platform independent topological mesh modeling system that allows users to create high genus 2-manifold meshes. It can also create solid models that can be prototyped using various rapid prototyping technology.

Google SketchUp 6

Google SketchUp is software that you can use to create, share and present 3D models. Whether you want to design a new deck for your house, build models for Google Earth, or teach geometry to your fifth-graders, you can use SketchUp to see your ideas in 3D. And when you're done, you can export an image, make a movie or print out a view of what you made.

AutoQ3D Community – 3D Editor

AutoQ3D Community is an easy, light and fast 3D model editor tool that uses the full power of your PC's graphics hardware, allowing you to rapidly prototype your 3D designs. Its interface is intuitive and easy to use and provided at no charge. It is released under the terms of the GNU General Public License so it will be free to use, modify and distribute within any educational, professional or commercial purposes.

Anim8or

Anim8or is a 3D modeling and character animation program which allows users to create and modify 3D models with built-in primitives such as spheres, cylinders, platonic solids, etc.; mesh-edit and subdivision; splines, extrusion, lathing, modifiers, bevel and warps,

Seamless3d

Seamless3d is free open source 3d modelling software which designed for the artist who is realistic about the time it takes to learn any tool that's going to offer creative freedom.

BRL-CAD

BRL-CAD is a powerful cross-platform constructive solid geometry solid modeling system that includes an interactive geometry editor, ray-tracing for rendering & geometric analyses, network distributed framebuffer support, image & signal-processing tools.

3DPlus

With 3DPlus you can create outstanding 3D designs in just a few minutes – with no need for any complicated VRML or other programming. 3DPlus is the amazing 3D design software that enables you to create stunning 3D graphics for your home, school or business – no experience required!

3D Canvas

3D Canvas is a real-time 3D modeling and animation tool that incorporates an intuitive drag-and-drop approach to 3D modeling. Complex models can be constructed from simple 3D primitives, or created using 3D Canvas' Object Building Tools. Modeling tools are provided to deform, sculpt, and paint 3D objects.

eDrawings

eDrawings is a freeware utility which will give the user the power to view, create and share 3D models and 2D drawings. eDrawings offers unique capabilities like point-and-click animations that make it easy for anyone with a PC to interpret and understand 2D and 3D design data.

Blink 3D

Blink 3D is an authoring tool for creating 3D environments. The 3D environments are immersive, just like today's modern games and can be viewed using the a Blink 3D Viewer on the Web or locally.

Minos

MINOS extends the capabilities of your existing 2D-or 3D-wireframe-based systems, so you can take advantage of all the benefits solid modeling offers right away. MINOS makes it easy to design 3D parts and assemblies. The design methodology is based on defining simple geometric elements including lines, curves, and circles, and then linking them together to form contours.

freeCAD

freeCAD is a basic 3D CAD with advanced Motion Simulation capabilities. It is suitable for anyone interested in learning 3D CAD and Motion Simulation for free before using more sophisticated packages. Its motion simulation capabilities are comparable to the best and can provide accurate answers to engineers and scientists in diverse fields.

Bishop3D

Bishop3D is an interactive modeler and animation tool for the popular freeware raytracer POV-Ray™, a world-class renderer for creating three-dimensional photo-realistic images. Bishop3D allows you to model the scenes interactively and it will automatically generate the correspondent POV-Ray SDL script. It offers native keyframe animation support, POV-Ray SDL import and a powerful texture editor.

K3DSurf

K3DSurf is a program to visualize and manipulate Mathematical models in three, four, five and six dimensions. K3DSurf supports Parametric equations and Isosurfaces. K3DSurf can be used by every one interested in 3D Mathematical drawing functions and don't require any special competences by users.

DesignWorkshop Lite

DesignWorkshop is a three-dimensional modeling program for architectural design and related endeavors. Its unique interface makes it more profoundly "Mac-like" than any prior modeling software. This interface allows it to support actual design in three dimensions, as opposed to just recording design ideas already worked out with other media.

GDesign 2.0

GDesign 2.0 is a 2D/3D free generative art application for Windows. With GDesign you can interactively build, test, and edit complex models. You can create, edit, build and preview huge 2D and 3D objects with extended LSystems and Cellular Automata tools.

Sweet Home 3D

Sweet Home 3D is a free interior design application that helps you place your furniture on a house 2D plan, with a 3D preview. Sweet Home 3D helps people to design their interior quickly. The user may: draw the walls of his rooms upon the image of an existing plan, change the color or the texture of the walls, import additional 3D models created by himself or downloaded from different Web sites, change the size, view the changes in the plan simultaneously in the 3D view, either from an aerial view point, or from a virtual visitor view point, print the home plan and the 3D view.

trueSpace

trueSpace7.6 is a fully-featured 3D authoring package that will let you model, texture, light, animate and render 3D content. As well as traditional images and movies, you can also make 3D content for online shared spaces, and for Virtual Earth.

Alibre Design Xpress

Alibre Design Xpress is a rich and capable 3D solid modeler for creating mechanical parts, assemblies and 2D drawings – and is free. Alibre Design Xpress equips the person needing basic 3D design capabilities. Alibre Design Xpress has a rich set of integrated tutorials that you can use to learn the product quickly.

3DVIA Shape

3DVia Shape is a free online 3D modeling application that eases you to create, publish and share ideas in 3D. There are 3DVIA archive of prototypes and modeling software you can choose to create three-dimensional. Each model can be viewed at any angle, spun around and zoomed-in on.

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Re:25 Free 3D modeling softwares

Posted by Teagus - 2012/01/16 19:01

Just wanted to add to this list, netfabb is a cleanup software for .stl files the basic free version works pretty well and lets me fix my blender exports so that they are printable, i always seem to have a ton of

errors when exporting files from blender for printing. before i came across it i would spend days working on a model trying to get blender to export well enough to make a printable .stl file

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Re:25 Free 3D modeling softwares

Posted by Marco CM - 2012/02/23 11:42

Autodesk just recently released 123D, and it's free 3d capture counter part: 123D Catch.

This free 3d capture software is amazing. It allows the user to capture virtually any real-life object in 3d using a collection of photographs. Check it out here:

<http://www.123dapp.com/catch>

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