

Chapter 1 : Download 3D Studio - Educational Version: Reference Manual PDF Free - Video Dailymotion

Autodesk provides students, educators, and institutions free access to 3ds Max software, in addition to learning tools. Get a free 3-year education license now.

Features[edit] MAXScript MAXScript is a built-in scripting language that can be used to automate repetitive tasks, combine existing functionality in new ways, develop new tools and user interfaces, and much more. Plugin modules can be created entirely within MAXScript. Character Studio Character Studio was a plugin which since version 4 of Max is now integrated in 3D Studio Max; it helps users to animate virtual characters. The system works using a character rig or "Biped" skeleton which has stock settings that can be modified and customized to fit the character meshes and animation needs. These "Biped" objects have other useful features that help accelerate the production of walk cycles and movement paths, as well as secondary motion. Scene Explorer Scene Explorer, a tool that provides a hierarchical view of scene data and analysis, facilitates working with more complex scenes. Scene Explorer has the ability to sort, filter, and search a scene by any object type or property including metadata. Added in 3ds Max , it was the first component to facilitate. Improved memory management in 3ds Max enables larger scenes to be imported with multiple objects. General keyframing Two keying modes " set key and auto key " offer support for different keyframing workflows. Fast and intuitive controls for keyframing " including cut, copy, and paste " let the user create animations with ease. Animation trajectories may be viewed and edited directly in the viewport. Constrained animation Objects can be animated along curves with controls for alignment, banking, velocity, smoothness, and looping, and along surfaces with controls for alignment. Weight path-controlled animation between multiple curves, and animate the weight. Objects can be constrained to animate with other objects in many ways " including look at, orientation in different coordinate spaces, and linking at different points in time. These constraints also support animated weighting between more than one target. All resulting constrained animation can be collapsed into standard keyframes for further editing. Skinning Either the Skin or Physique modifier may be used to achieve precise control of skeletal deformation , so the character deforms smoothly as joints are moved, even in the most challenging areas, such as shoulders. Skin deformation can be controlled using direct vertex weights , volumes of vertices defined by envelopes, or both. Capabilities such as weight tables, paintable weights , and saving and loading of weights offer easy editing and proximity-based transfer between models, providing the accuracy and flexibility needed for complicated characters. The rigid bind skinning option is useful for animating low-polygon models or as a diagnostic tool for regular skeleton animation. Additional modifiers, such as Skin Wrap and Skin Morph, can be used to drive meshes with other meshes and make targeted weighting adjustments in tricky areas. All animation tools " including expressions, scripts, list controllers, and wiring " can be used along with a set of utilities specific to bones to build rigs of any structure and with custom controls, so animators see only the UI necessary to get their characters animated. Four plug-in IK solvers ship with 3ds Max: These powerful solvers reduce the time it takes to create high-quality character animation. The history-independent solver delivers smooth blending between IK and FK animation and uses preferred angles to give animators more control over the positioning of affected bones. The history-dependent solver can solve within joint limits and is used for machine-like animation. IK limb is a lightweight two-bone solver, optimized for real-time interactivity, ideal for working with a character arm or leg. Spline IK solver provides a flexible animation system with nodes that can be moved anywhere in 3D space. Collision solving is fast and accurate even in complex simulations. Local simulation lets artists drape cloth in real time to set up an initial clothing state before setting animation keys. Cloth simulations can be used in conjunction with other 3ds Max dynamic forces, such as Space Warps. Multiple independent cloth systems can be animated with their own objects and forces. Cloth deformation data can be cached to the hard drive to allow for nondestructive iterations and to improve playback performance. Users can easily and safely find, share, and reuse 3ds Max and design assets in a large-scale production or visualization environment. With MCG you can create a new plug-in for 3ds Max in minutes by simply wiring together parameter nodes, computation nodes, and output nodes. The resulting graph can then be saved in an

XML file. List of films made with Autodesk 3ds Max Many films have made use of 3ds Max, or previous versions of the program under previous names, in CGI animation, such as Avatar and , which contain computer generated graphics from 3ds Max alongside live-action acting. Mudbox was also used in the final texturing of the set and characters in Avatar, with 3ds Max and Mudbox being closely related. Architectural and engineering design firms use 3ds Max for developing concept art and previsualization. Educational programs at secondary and tertiary level use 3ds Max in their courses on 3D computer graphics and computer animation.

Chapter 2 : Autodesk 3ds Max - Wikipedia

Download the free trial version of 3ds Max Discover Autodesk's iconic 3D modeling, rendering, and animation software.

This software is also used for compositing solutions for film and games. To increase the interest among students for training in 3ds max, Autodesk provides a 3ds max student version. It is part of the Autodesk Student Community. Is the Student Software Free? Autodesk free software includes the 3ds Max Edition for students. This is part of the education community program, providing free access to the student version of the software and cloud services. This access is complete, but you would get a different Autodesk student license for your software, which would restrict you from using this software for any commercial use. You would also get access to many more services from the community like a very active forum to interact with other designers. As the services that you get after joining the program are of great value, Autodesk takes special care that it could not be misused by someone. For this, the company provides you access to a password protected site. This site allows you to access the services of the program. There are three types of people who can join the community; Faculty members, Students and Competitor or competitor mentors sponsored by Autodesk.

Eligibility Criteria for Students: The student trying to join should be enrolled at a certificate-granting or degree-granting institution which is recognized by Autodesk. This enrollment should be of three hours or more credit hours in a certificate-granting or degree-granting education program. If you are enrolled in a certificate program of nine months or longer, then also you are eligible to join the community. You would need to furnish the proof of your eligibility criteria when you are joining the program. The primary change in the license agreements you get from the student program is that it could be used only for the instructional purposes by students in the classroom. This facility was not provided previously to the students. Under no circumstances the software could be used for commercial purposes.

Difference from Commercial Versions: Considering the programming abilities of the software, there would be no difference between commercial version and the student version. However, there would be a watermark displayed on the output files created by the software. However, the company has said that watermarks would not be included in the next versions of the software, even if they are being used by the students. This license is only for the individual students. Therefore, to get the access to the software, every individual student would have to apply for a separate license. There is no option of license sharing between the individuals, even if they are students.

Cloud Services The cloud based solutions that you get from Autodesk after joining their education community would add plenty of computer power. The access to this service is completely free and it gives you the power to create, render, visualize, simulate, analyze. You are able to iterate your designs much faster and thereby reducing the wait time, which you usually spend at a computer lab or a studio. Therefore, students could easily improve the outcomes of their courses by performing the heavy-processing tasks to cloud services. This would allow you to use the collaboration, rapid visualization and simulation features, along with the access to data-rich and intelligent models. Cloud services provide you the immense benefit of solving your designing problems from anywhere and anytime. With the use of this feature which you would get free with the cloud services, you could assess the possible points of failure. This gives you the power to find the dynamic response and durability of your design in the long term. This is especially helpful when you are designing things which involve concrete structures and heavy loaded components. This simulation feature is very helpful for students in finding their faults in early stages of the designing.

Training and Tutorials There are many factors that are influencing the 3D designing environment in present times. These factors include infrastructure boom, globalization, digital technologies, and many other challenges usually faced by artists and engineers working in the digital formats. The training that you would get would help you in converting these challenges into opportunities.

Apps By joining the Autodesk education community you not only get access to the free version of 3ds Max, but you get full versions of all the new additions of close to 30 applications which are used for various 2D and 3D designing. These applications are used by over 9 million experts to create great designs. Therefore, joining the student program helps you in pushing the boundaries that you have due to the lack of proper development platform for your designs.

Design Showcase You can also showcase your creation

to other members of the community. If you have ideas that can transform a sector and designs which can amaze the people, then you should develop them with the use of 3ds Max. You can then share your creation with more than two million members around the world, who are already part of this program. You can collaborate and learn with them. Conclusion The Autodesk 3ds Max student edition program is a great help for all the students who want to learn the proper usage of the software without spending any money. It gives you the opportunity to interact with other like-minded designers in a very active community forum.

Chapter 3 : Autodesk 3ds Max (free) - Download latest version in English on phpnuke

Choo-Choo train. Super educational 3D cartoons for children (babies, toddlers, and prescho.

System Requirements Cool 3D visual effects, 3D graphics and compositingâ€”in one complete package! Corel MotionStudio 3D lets you add a whole new dimension to video production by creating stunning visual effects, particle systems and 3D titles for your movies. Generate 3D effects, 3D titles and animated text to wow your viewersâ€”hundreds of presets make it easy. Use high-end particle systems, including fire, smoke, bubbles and more. Add realistic motion blur to moving objects and make or import 3D models embellish or animate. Plus, watch your production come together in real time in the Preview Panel. Dynamic 3D titles and text Creative titles and text let you tell your story, your way. Hundreds of presets give you the power to easily add excitement and impact to your movie with dynamic 3D titles. Real-time 3D graphics Now anyone can create 3D graphics, animations and visual effects in real time! Assemble and playback your 3D creations in real time in the Preview Panel. Powerful particle systems Add drama to your titles and graphics with realistic particle systems that let you simulate natural elements like fire, smoke, bubbles and snow. MotionStudio 3Dâ€”Cool 3D visual effects software that lets you create incredible 3D titles, 3D graphics and particle systems for your videos. Cool 3D titles Add excitement and impact to your movie with a wide variety of preset behaviors and animations. Type your text, extrude it to 3D and animate it in a few steps. Add bevels, textures and other attributes. Then apply effects to make your text bounce, stretch, disintegrate, rotate and much more. Intuitive interface Find the tools you need quickly and easily in the streamlined MotionStudio 3D interface. EasyPalette Instantly add life to your 3D titles and 3D graphics with just a few clicks. Find sample objects, animations and presets in the EasyPalette and drag them onto the selected object to apply. Realistic Motion Blur Get professional-grade motion blur and add impact and realism to 3D graphics. Make flying objects or titles streak across a scene. Adjust settings for the density, path and length of the blur to get the effect you want. Assemble and playback your visual effects, 3D titles and 3D graphics in high resolution, in real time, in the Preview Panel. Depth of field adjustments Add photo characteristics to video by adjusting the depth of field to naturally blur objects. This effect can also be animated to make it appear that the camera is focusing on the scene as you watch. Realistic particle systems Create high-end visual effects by adding fire, snow, smoke, explosions and other elements with MotionStudio 3D particle effects. You control the size, source, density and behavior of the particles. Add a fiery backdrop, create snow-covered objects, add smoke effects and more. Alpha Channels Create an Alpha Channel when you export a file from MotionStudio 3D to include information about areas of transparency in your clip. This makes it easy to overlay your 3D title or visual effect on another layer of video for amazing animation possibilities. Broad format support Easily export your visual, 3D graphics and titles from MotionStudio 3D in a wide variety of animation, image and video formats to use in your video or web productions.

Chapter 4 : 3ds Max | 3D Modeling, Animation & Rendering Software | Autodesk

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Chapter 5 : Education | Educational Pricing | The Foundry

Autodesk 3ds Max, formerly 3D Studio and 3D Studio Max, is a professional 3D computer graphics program for making 3D animations, models, games and images. It is developed and produced by Autodesk Media and Entertainment.

Chapter 6 : Tinkercad | From mind to design in minutes

In conclusion, Autodesk 3ds Max is a top choice in the category of 3D animation software solutions. It is quite

demanding on the system resources, yet it is a small price to pay for such a.

Chapter 7 : 3D Studio Max Educational - GDNNet Lounge - calendrierdelascience.com

Having only just "discovered" that there is an educational version of 3D Studio Max R3 that costs a mere AUS\$ (about US\$) WITH Character Studio (I'm in Australia if you don't understand my currency notation), I am trying to justify to myself whether or not I should get it.

Chapter 8 : AREA | Autodesk's Official 3D Community | AREA by Autodesk

Another question: Can you use the student version of 3ds max and free version of Unity, distribute a game for free, and then offer a donation link on the website, fielding donations - not for the game, but to fund the purchase of a 3dsmax license, to further develop the game (or if you were less inclined to actually purchase 3dsmax, say a.

Chapter 9 : Educational Purchase | Render Plus Software

MAXON offers an extremely affordable non-commercial version of Studio tailored for students and faculty. Free Student A free education version is available for design students at participating educational institutions.