



## Autodesk Softimage 2011: Advanced Character Animation and 3D Procedural Effects

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### Automated Lip Sync in Face Robot and Innovative Rigs with Interactive Creative Environment (ICE) Kinematics Set New Bar for Character Animation

SAN RAFAEL, Calif., Mar 09, 2010 (BUSINESS WIRE) -- Autodesk, Inc. (NASDAQ:ADSK) announced Autodesk Softimage 2011, a comprehensive 3D application featuring a unique, multithreaded GigaCore architecture and innovative tools: the Interactive Creative Environment (ICE) and Face Robot facial animation toolset. Softimage is also an ideal companion product to both Autodesk Maya and Autodesk 3ds Max software pipelines with its easily programmable effects simulations, advanced character rigs and lip-synched facial setups.

"Softimage provides a flexible, high-speed and efficient solution to help create stunning and complex character animation and procedural effects. Technical directors, visual effects artists and computer graphics supervisors are cheering the unique combination of innovative rigging tools, particle, dynamics and rendering openness," said Stig Gruman, Autodesk vice president of [digital entertainment](#). "Softimage is a great addition to Maya or 3ds Max pipelines helping to expand creative capability and increase productivity."

#### Key New Features in Autodesk Softimage 2011 Software

- **Rendering Sandbox** -- Automatically hosts external shaders and renderers without the need to build a custom shader user interface (UI) or other tools.
- **ICE Kinematics** -- Aids creation of advanced rigging elements with custom inverse kinematics, spines, constraints and dynamics tails. The visual graph-based structure of ICE helps remove trial and error and enables easier examination of rig construction, facilitating troubleshooting and rig debugging.
- **Automated Lip-Synching in Face Robot** -- Allows for quicker generation of facial animation based on an audio file. Features a new dedicated view for controlling the visemes and phonemes with function curves to help modify their contribution.
- **Rendering Enhancements** -- The new mental ray 2011 renderer offers increased stability and faster renders. Up to one hundred new mental ray shaders enable easier simulation of a wider range of materials. Helps save time rendering multiple cameras for each pass, and the new Camera and Render Slate functionality shows useful information in the viewport or renders.
- **100 New ICE Compounds** -- Provides predefined compounds covering several areas: Kinematics, Arrays, Curves, Debugging, Deformation Effects, Hull Deformers, Skinning, Verlet Integration, Geometry Queries, Math, Particle Emissions, Particle Getters and Setters, Testers, Strands and Strand Dynamics.
- **PhysX 2.83** -- Helps artists create meshless deformations in ICE with the latest NVIDIA PhysX rigid body library. Provides new support for springs and dampers. New library also offers accelerated performance when using the optional addition of an NVIDIA CUDA enabled graphics processing unit (GPU).

#### Beta Tester Testimonials

"ICE has a great user interface and gives great flexibility to artists, helping us save time in production. We're looking forward to using the new ICE kinematics to create ever more complex and dynamic rigs."

-- Aloys Baillet, Research and Development Lead, Animal Logic

"ICE kinematics will change the way the industry does rigging, it just doesn't know it yet! Rig complexity will be reduced to the simplest representation, bones won't be needed at all and rigging that was simply impossible for technical directors to attempt before is now possible." -- Eric Thivierge, Technical Director, SpeakeasyFX

"Rigging using ICE is going to change everything. Not only did character technical directors just get access to scene information at a much deeper level, but they got it within a framework that allows logic structures and programming far beyond anything possible using existing tools for constraints, expressions and relations."

-- Bradley Gabe, Senior Technical Animator, Janimation

"This is hands down the most powerful rigging framework on the planet. When I look at traditional rigs now, they just feel so awkward and clumsy." -- Phil Taylor, Independent Contractor, Motion Mechanic

From March 11-13, 2010, visit the [Virtual GDC](#) event on the AREA community site to watch new Softimage 2011 product demonstrations and customer presentations live from the Autodesk Game Developers Conference booth. More information is also available on Mark Schoennagel's [Planet Softimage](#) AREA blog.

#### Pricing and Availability

Autodesk anticipates that Softimage 2011 will be available in English and Japanese in April 2010. The Autodesk suggested retail price (SRP) for an Autodesk Softimage 2011 stand-alone license is US\$2,995.\* The price to upgrade from Softimage 2010 to Softimage 2011 is \$1,495\*+ SRP. Autodesk Subscription with Gold Support is available for purchase simultaneously with the product or upgrade purchase for \$795 SRP per year.

\* International pricing may vary.

+ The price to upgrade from Softimage Advanced 2010 to Softimage 2011 is \$295 SRP.

#### **About Autodesk**

Autodesk, Inc., is a world leader in 2D and [3D design](#), engineering and entertainment software for the manufacturing, building and construction, and media and entertainment markets. Since its introduction of AutoCAD software in 1982, Autodesk continues to develop the broadest portfolio of state-of-the-art software to help customers experience their ideas digitally before they are built. Fortune 100 companies -- as well as the last 15 Academy Award winners for Best Visual Effects -- use [Autodesk software](#) tools to design, visualize and simulate their ideas to save time and money, enhance quality and foster innovation for competitive advantage. For additional information about Autodesk, visit [http://cts.businesswire.com/ct/CT?id=smartlink&url=http%3A%2F%2Fwww.autodesk.com%2Fpr-autodesk&esheet=6206728&lan=en\\_US&anchor=www.autodesk.com&index=7&md5=f662db5babd144b47d825c844e4b2912](http://cts.businesswire.com/ct/CT?id=smartlink&url=http%3A%2F%2Fwww.autodesk.com%2Fpr-autodesk&esheet=6206728&lan=en_US&anchor=www.autodesk.com&index=7&md5=f662db5babd144b47d825c844e4b2912).

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