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PRESS RELEASE

Press Release

A plant growth simulator, use EASYnat in your architectural projects

Bionatics will release EASYnat on November 5. A plug-in for Autodesk' s 3D Studio Viz, this 3D plant modeler for architects will be on display at the international construction conference, BATIMAT, from November 5 to November 10 2001 in Paris.

EASYnat is a plant growth simulator capable of reproducing at a botanically coherent level, growth and seasonal changes among more than 500 plants from 5 continents EASYnat enables architects to rapidly visualize and with realism the evolution of a landscaping project. It also cuts production costs and guarantees an investment return, thus providing the architect with a powerful tool able to efficiently respond to the competition.

3D evolutionary imagery provides for these professionals, a great means for presenting and therefore persuading a committee and a public of his project.

Simulating while respecting the laws of botany.

Created from AMAP™ technology that was developed by the CIRAD, EASYnat uses both computer science and botany to achieve its end. Plants are calculated from a virtual seed containing an expression of their genetic information. EASYnat can therefore rapidly and instantaneously model botanically coherent plants that are photo-realistic.

The architects simply selects different parameters (species, age and season) and the number of plants desired and then populates any given geographical zone. Within a few mouse clicks, the plants are automatically calculated with their leaf and bark textures. They can then easily be placed in a 3D scene thanks to an intuitive interface.

The user can also optimize the generated plants and their level of detail. He can then position detailed plants in the foreground and simplified plants in the back.

An ergonomic tool perfectly integrated into 3D Studio Viz

Integrated into 3D Studio Viz's Command Panel, EASYnat enables the user to generate a large number of plants. 3D Studio Viz's dynamics optimizes memory consumption and facilitates the manipulation and positioning of plants in a 3D space.

With EASYnat and its integrated plant growth simulator, Bionatics offers architects a powerful and easy tool that brings the added realism needed in the landscaping field.

Minimum advised configuration : Computers equipped with 3D Studio Viz
- Pentium II processor 500 MHz
- 128 Mo RAM
- 3-button mouse with mouse driver software
- Windows NT 4.0, Service Pack 5,
- Windows® 2000 Professional

Price :
EASYnat = 1100 dollars (with ten plants of your choice)
Supplementary plants = 100 to 150 dollars

Supplementary plants can be purchased on line at www.bionatics.com

About BIONATICS

Created in 1995 by Mathias Monribot and Stephane Gourgout, BIONATICS (formally JMG Graphics SA) saw itself drawn in March 2000 towards the industrialization and worldwide commercialization of plant growth simulation software inspired by the extensive research by CIRAD.

AMAP technology !
The AMAP technology, known throughout the international scientific community, is the software's backbone. BIONATICS has numerous operational references such as LAFARGE, Port Autonome de Paris, Groupe Scetauroute, Ministère de l'équipement Français et Belge, Ex Machina, DUBOI, UBISOFT, Lockheed Martin and DASSAULT.
Owning the exclusive rights to AMAP technology, BIONATICS received ANVAR's support in the form of aid for innovation. With an international development forecast, BIONATICS hopes to become the world leaders in plant simulation.

www.bionatics.com

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