

3D WORLD

On the disc
Essential assets
and training for
every 3D artist



This issue's free disc includes a full games development suite, full sculpting software and dozens of 3D models, plus textures, motion data and much more!



Respect the Environment

Throwing away old or surplus discs?
If you would like your Discs to be recycled rather than put into landfill, please post them to:
Polymer-Reprocessors,
Reeds Lane, Moreton, Wirral, CH46 1DW
Please respect the environment and dispose of waste plastic responsibly.



Unity

Complete 3D development toolkit with nine hours of video guides

Despite being on the market for only half a decade, Unity has established itself as a powerful and artist-friendly authoring platform for 3D games, virtual worlds and interactive visualisations. Accessible tools enable you to use your 3D models and textures as the foundation for your environment and characters, adding routines to control their behaviour and responses. Electronic Arts, Disney and Warner Bros are among the 120,000 registered developers using Unity to create content for the web, the desktop, mobile and console.

Side B of this issue's disc is devoted to assets helping you explore Unity's potential. You can install Unity 2.6.1, which enables you to develop content for Windows, Mac and the web (via a free browser plug-in). Unity 2.6.1 is free to use and includes a 30-day licence for Unity Pro, which adds further rendering effects, real-time shadows and more.

There's also a 30-day trial of Unity iPhone 1.7, which enables you to create touch-controlled

content for iPhone and iPad. Over 600 games in the App Store have been made using this software. Note that you must be a registered Apple developer and install Apple's iPhone OS SDK before you can publish content with Unity iPhone.

The disc includes nine hours of video to help you discover the potential of Unity's tools. Presentations from Unity developer conference introduce you to the platform, while 3D Buzz supplies 29 training sessions. And you can find more tutorials and support when you visit the Unity 3D website – see the disc for more information and links.

PLATFORM Unity, Windows / Mac OS X;
Unity iPhone, Mac OS X

LICENCE Commercial
(see licence for restrictions)

WEBSITE unity3d.com

Never miss another issue!
Take out an annual subscription to 3D World, save £26 and receive a great gift!
Subscribe today at:
myfavouritemagazines.co.uk/tdw/p077

Having problems?

If you have problems using the disc interface, visit our support website at futurenet.co.uk/support. On this regularly updated site, you'll find solutions to many commonly reported problems. If you're still experiencing problems, email our support team at support@futurenet.co.uk. If you have a broken or faulty disc, return it to the address on the back of the disc wallet.

soundscalpel audio clips

30 sound effects to enhance your virtual environments and animations

Worth \$137

soundscalpel Ideal for enhancing animations or game environments, this selection from the leading sound effects provider includes clips in three categories – household electronics, fireworks and cartoon effects – with many more available online.

FORMAT WAV LICENCE Commercial

WEBSITE soundscalpel.com

Mixamo animation clips

Three sample movements from the specialist motion data provider

Worth \$100



Mixamo offers customisable character animation clips for games, virtual world and visualisation use. The three sample clips on the disc offer motion data for belly dancing, receiving a football throw and tossing a grenade.

FORMAT FBX LICENCE Commercial

WEBSITE mixamo.com

Falling Pixel models

Nine ready-to-use 3D meshes

Worth \$782
Nine textured models in a variety of file formats

Falling Pixel offers a platform for buying and selling 3D models, with hundreds of artists offering thousands of models through its online store. The selection of Falling Pixel models on the disc shows the wide range that's available to buy on the website, and includes architecture, props and aircraft:

- White House by Braz (3DS, C4D, DXF, OBJ)
- Nokia N900 by Cris (3DS, FBX, MAX, OBJ)
- Classic Soccerball by Digital Design Studio (MB, OBJ)
- D60 sitting room interior by Future 3D (MAX)
- F-8J Crusader by Mesh Factory (3DS, MAX)
- Textured Single Family House 14 by Pumper (3DS, LWO, MAX, OBJ)
- Tea or coffee cups with saucers by Random Way (LXO, OBJ)
- UH Tiger Helicopter by XT Penguin (3DS, C4D, DAE, LWO, MA, MAX, OBJ)
- Beretta Auto 9 by Xtreme Machines (MAX)

FORMAT Various

LICENCE Commercial

WEBSITE fallingpixel.com



Worth \$200
Architectural model in choice of 14 file formats

The3dStudio.com model

Detailed mesh of a hospital and helipad

The3dStudio.com offers a wide selection of 3D models and stock photography. The hospital model on the disc is provided in 3DS, C4D, FBX, LWO, MAX, OBJ, SKP and seven specialist CAD formats. Available for \$200 separately, it's also part of The3dStudio.com's Buildings and Structures Mega Pack, which offers over \$1,500 in models for \$795.

FORMAT Various

LICENCE Commercial

WEBSITE the3dstudio.com



Worth \$185
20 dinosaur models for DAZ Studio, Carrara and Poser

DAZ dinosaur models

A collection of prehistoric creatures

Along with figures including Victoria, props and scenes, DAZ Productions offers a wide selection of animals and creatures for DAZ Studio and Poser artists. This issue's disc includes a bumper selection of dinosaurs, all modelled and textured by Dinoraul. Visit the DAZ 3D website for more natural history models, including further creations by Dinoraul.

FORMAT DAZ Studio / Carrara / Poser

LICENCE Commercial

WEBSITE daz3d.com



Xfrog agriculture models

Five botanical models from the new Agriculture Library of crop-related plants

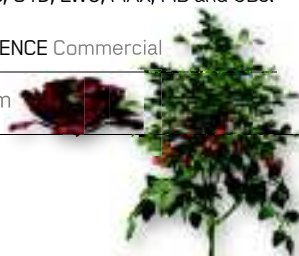


Botanical model specialist Xfrog's new Agriculture Library includes models derived from crops such as oats, barley, cotton and tobacco. The disc offers five samples in a choice of major file formats, including 3DS, C4D, LWO, MAX, MB and OBJ.

FORMAT Various **LICENCE** Commercial

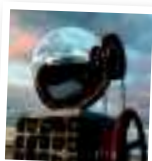
WEBSITE xfrog.com

3dworldmag.com



Smart IBL sets

Four environment maps to help you light your scenes more intelligently



A group of HDR creators have joined forces to offer the Smart IBL Archive, which delivers co-ordinated maps for backdrops, reflections and diffuse lighting, plus description files to link them.

These four samples enable you to try the system out.

FORMAT HDR / IBL **LICENCE** Creative Commons

WEBSITE hdlabs.com/sibl



Luxology HDR maps

Six environment HDR images made using SLIK, modo's Studio Lighting and Illumination Kit



The six HDR maps on the disc come from Luxology's Studio Lighting and Illumination Kit, a collection of presets, scenes, materials, maps and videos for recreating real-world lighting in modo 401. You don't need modo to use these HDRs.

FORMAT HDR **LICENCE** Commercial

WEBSITE luxology.com

On your free disc

WORTH \$1,786 This issue you'll find 6.9GB of data and video, a full 3D development suite, full sculpting software and project files for this issue's tutorials



Turn the page...

...And discover even more great content on this issue's disc, including a 3D development tool with nine hours of video guides, a complete sculpting package and more superb 3D models

Curvy 3D 1.6

Complete 3D sculpting tool

Curvy 3D is a fast and easy sculpting program, enabling 3D newcomers and seasoned professionals alike to quickly craft models for illustrations, games and other projects. The version of Curvy 3D offered on the disc acts as a prelude to Curvy 3D 2.0, which adds new brushes for sculpting, shape merging, image-based sculpting and more.

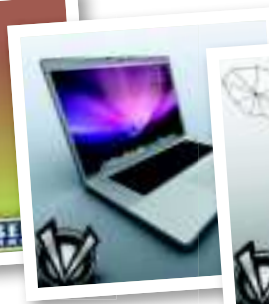
PLATFORM Windows

LICENCE Commercial

WEBSITE curvy3d.com



Worth \$85
Full software:
natural 3D sculpting
tool for Windows



Worth \$144
Clothes mannequins
and game-ready
3D models

BlueBrain 3D & Vectorium models

Mannequins for showing your fashion meshes, plus game-ready samples from Vectorium

For this issue's disc, BlueBrain3D contributes male and female clothing mannequins in seven file formats: 3DS, COB (trueSpace), LWO, MAX, MB, OBJ and XSI. Its game-friendly modelling arm Vectorium3D contributes two further models, a crow and a laptop, in a number of formats.

PLATFORM Various

LICENCE Commercial

WEBSITE bluebrain3d.com, vectorium3d.com



PLUS ir-models
Starlet figure bust for 3ds Max; see 10-Minute Tutorial, page 102
ir-models.com



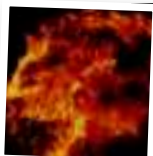
Worth \$153

PLUS 10 JPEG textures from Texturama, with bump, specular and normal maps
texturama.com



Video Copilot explosion effects

Five explosive stock footage samples from the post-production content specialist



These five explosion clips come from Video Copilot, a provider of stock footage, sound FX, plug-ins and training for post-production artists. You can use these clips when you follow Chris Kenworthy's

After Effects tutorial this issue: see page 90.

FORMAT QuickTime LICENCE Commercial

WEBSITE videocopilot.net

3DTotal hard surface training

90 minutes of video training in modelling hard surfaces from 3D artist Grant Warwick



Renowned modeller and 3D artist Grant Warwick has created a 90-minute primer in modelling hard surfaces in 3ds Max. Visit the 3DTotal forum for free videos from Grant, and the 3DTotal store

for a wide selection of DVDs and ebooks.

FORMAT MP4 LICENCE Personal

WEBSITE 3dtotal.com

Gnomon video training

Over 20 minutes of 3ds Max guidance from Jeremy Cook in this excerpt from his DVD



In the 20-minute video excerpt on the disc, Jeremy Cook shows you some of his high-poly modelling techniques in 3ds Max. The video comes from his Gnomon DVD CG Survival Kit:

Concept to Final Image – Strategies for Efficiency.

FORMAT QuickTime LICENCE Personal

WEBSITE thegnomonworkshop.com