



Beginning Blender: Open Source 3D Modeling, Animation, and Game Design

Lance Flavell

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A new world of creative possibilities is opened by Blender, the most popular and powerful open source 3D and animation tool. Blender is not just free software; it is also an important professional tool used in animated shorts, television commercials and shows, as well as in production for films like Spiderman 2. **Lance Flavell's** *Beginning Blender* will give you the skills to start shaping new new worlds and virtual characters, and perhaps lead you down a new professional path.

Beginning Blender covers the latest Blender 2.5 release in depth. The book starts with with the creation of simple figures using basic modeling and sculpting. It then teaches how to bridge from modeling to animation, and from scene setup to texture creation and rendering, lighting, rigging and ultimately, full animation. You will create and mix your own movie scenes, and you will even learn the basics of games logic and how to deal with games physics.

Whether you are new to modeling, animation, and game design, or whether you are simply new to Blender, this book will show you everything you need to know to get your 3D projects underway.

What you'll learn

- How to create models using sculpt mode, extrusion modeling, and more
- Go beyond playing with color to learn procedural texturing and UV mapping
- How to use light and depth of focus to make are realistic-looking model
- Adding rigging and realistic animation
- Using the compositor for movie mixing and lip-syncing animations
- How to put the games engine and physics to work to create full-featured games

Who this book is for

This book is for those who are starting out in 3D, animation and games design. It also appeals to those who know about 2-D design and photography and would like to expand their skill set.

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Harry Oliver:

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