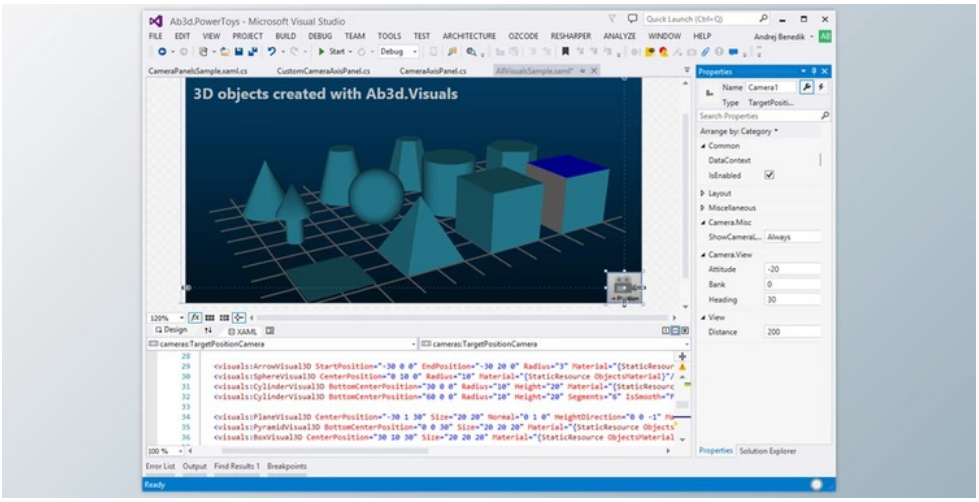
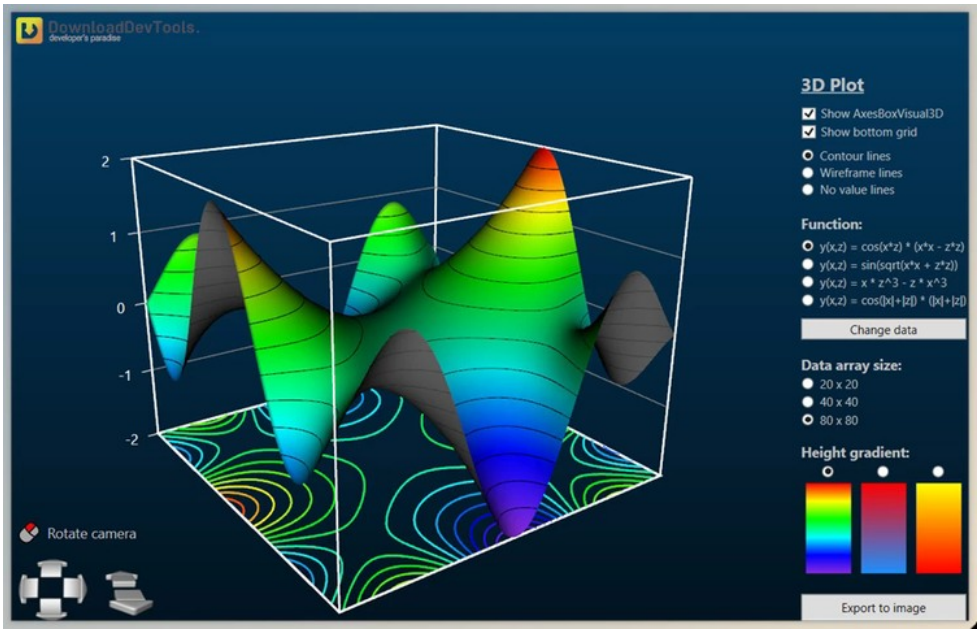
AB3D PowerToys v11.1.8864 (11 Apr 2024)

2025-04-13 12:34:33





is a powerful toolkit for developers creating desktop applications with advanced 3D graphics, particularly in WPF and WinForms. It simplifies the complex process of building 3D applications, making it easier to integrate scientific, technical, and CAD visuals into your software. The library is well-proven, used in many professional applications, and has evolved into a robust collection of tools that streamline 3D development. The included code samples provide practical examples that can be quickly adapted to your needs.

The toolkit is designed to be easy to use, even for those who may not be 3D graphics experts. It runs on a WPF 3D rendering engine based on DirectX 9, which provides good performance for most applications. However, if you need to render more complex scenes, you can easily switch to the Ab3d.DXEngine, which uses DirectX 11 for much faster performance. This flexibility allows you to scale your application's graphics capabilities as needed.

AB3D PowerToys is packed with features that make working with 3D graphics straightforward. It includes various camera types, tools for generating and manipulating 3D models, and the ability to import and export a wide range of 3D file formats. Additionally, the toolkit is optimized for performance, ensuring your application runs smoothly, even with complex 3D scenes. Premium support is also available to help you get the most out of the library.

Key Features of **AB3D PowerToys** :

1. Easy-to-Use 3D API: Simplifies 3D graphics development with practical C# code samples.
2. Versatile Camera Options: Includes multiple camera types like TargetPositionCamera and FreeCamera for different perspectives.
3. Camera Controllers: Tools like MouseCameraController and CameraControlPanel make it easy to control the camera.
4. Predefined 3D Models: Ready-made 3D shapes such as spheres, boxes, and cylinders are available.
5. 3D Object Generation: Create custom extruded or lathed objects.
6. Boolean Operations and Slicing: Perform advanced operations like cutting or combining 3D objects.
7. Optimized 3D Line Rendering: Fast and efficient rendering of connected, disconnected, and arrowed lines.

所有软件资源 100%安全 已检测 无病毒 无篡改
去预览

标签

Other .Net Components

8. 3D Text Rendering: Supports creating and displaying 3D text.
9. Event Manager 3D: Simplifies event handling on 3D objects, making interactions more intuitive.
10. Touch Support: Enables touch and multi-touch interactions for camera movement and zoom.
11. Wide File Format Support: Import and export 3D models from/to a variety of formats, including .obj, .fbx, .stl, and more.
12. Performance Optimization: Ensures your application runs smoothly, with the option to switch to DirectX 11 for more demanding graphics.
13. Premium Support: Access expert help for WPF 3D and the library's tools.

版本列表

AB3D PowerToys v11.1.8864 (11 Apr 2024)

苏ICP备19032038号 Powered by getShopSys