

## blender Metadata Report (by MetadataFetcher)

### 1. General Information

General Information	
Name	blender
Type	software
Description	Blender is a free and open-source 3D creation suite supporting the entirety of the 3D pipeline: modeling, rigging, animation, simulation, rendering, compositing, motion tracking, video editing, and 2D animation.
Official Site	<a href="https://www.blender.org/">https://www.blender.org/</a>

### 2. Product Details

General Information	
Versions	4.5 LTS (latest), Experimental Builds
Compatibility	Windows, macOS, Linux
License	GNU General Public License (GPL)
Latest Version	N/A
Latest Release Date	N/A
Programming Languages	N/A
Programming Language	C, C++, Python
Supported Platforms	N/A
Supported File Formats	.blend, .obj, .fbx, .gltf, .dae, .abc, .usd, .stl, .ply, .3ds, .x3d, .svg, .dxf, .png, .jpg, .tiff, .exr, .mp4, .avi, .mov, .wav, .ogg, .flac, .mp3
File Formats	N/A
System Requirements	Windows 8.1/10/11, macOS 10.13+, Linux; 8GB RAM (16GB recommended); OpenGL 4.3+ compatible GPU

### 3. Key Features

Cycles Render Engine  
Real-time viewport preview  
CPU & GPU rendering  
PBR shaders & HDR lighting support  
Modeling  
Sculpt  
UV  
Advanced sculpting tools and brushes  
Multi-resolution and Dynamic subdivision  
3D painting with textured brushes and masking  
Python scripting for custom tools and add-ons  
VFX: camera and object tracking  
Animation & Rigging  
Story Art  
Drawing 2D in 3D  
Customizable interface  
Add-on ecosystem  
VR rendering support

### 4. Integrations/Plugins

### 5. Installation & Documentation

Installation: <https://www.blender.org/download/>

Documentation: <https://docs.blender.org/manual/en/latest/>

## **6. Support/Reviews**

<https://www.blender.org/support/>

## **7. Community & Ecosystem**

## **8. Awards/Recognition**

## **9. Pricing/Cost**

## **10. Security/Privacy**

## **11. Roadmap/Future Plans**

## **12. Known Issues/Limitations**