Skip to content

Blender 4.4 Python API Documentation

Welcome to the Python API documentation for Blender, the free and open source 3D creation suite.

This site can be used offline: Download the full documentation (zipped HTML files)

Documentation

- Quickstart: New to Blender or scripting and want to get your feet wet?
- API Overview: A more complete explanation of Python integration.
- API Reference Usage: Examples of how to use the API reference docs.
- Best Practice: Conventions to follow for writing good scripts.
- Tips and Tricks: Hints to help you while writing scripts for Blender.
- Gotchas: Some of the problems you may encounter when writing scripts.
- Advanced: Topics which may not be required for typical usage.
- Change Log: List of changes since last Blender release

APPLICATION MODULES

Context Access (bpy.context)

Data Access (bpy.data)

Message Bus (bpy.msgbus)

Operators (bpy.ops)

Types (bpy.types)

Utilities (bpy.utils)

Path Utilities (bpy.path)

Application Data (bpy.app)

Property Definitions (bpy.props)

STANDALONE MODULES

Audio System (aud)

OpenGL Wrapper (bgl)

Additional Math Functions (bl math)

Font Drawing (blf)

BMesh Module (bmesh)

Extra Utilities (bpy extras)

Freestyle Module (freestyle)

GPU Module (gpu)

GPU Utilities (gpu_extras)

ID Property Access (idprop.types)

Image Buffer (imbuf)

Math Types & Utilities (mathutils)

Indices

- Index
- Module Index