

Blender can be used for 3-D and 2-D animations. It is scripted in python. Blender python modules is **bpy**.

- Access scene data:
  - Models, cameras, lights, animation, particles etc.
- Generate and manipulate scene objects
- Automate UI commands using bpy ops.
- Load and export assets
- Creat new menus, panels, addons with exiting on new logic and operations.

## 1 Additional Modules

- **bmesh**: for creating and manipulating polygonals mesh objects
- **bge**: Blender Game Engine for scripted logic
- **bgl**: openGL wrapper for direct openGL scripting
- **blf**: font drawing and text overlay display

```
import bpy
from random import randint
for i in [1:50]:
    print(i);
```