Animation options: (Used when pressing the play button, blender behaves like a movie player)

-a <options> <file(s)> Playback <file(s)>, only operates this way when -b is not used

-p <sx><sy> Open with lower left corner at <sx>,<sy> (Doesn't work on win)

Window options:

```
-w Force opening with borders (default)
-W Force opening without borders (Linux/Unix Only)
-p <sx> <sy> <w> <h> Open with lower left corner at <sx>, <sy> and width and height <w>, <h>
```

Game Engine specific options:



-g fixedtime Run on 50 hertz without dropping frames
-g vertexarrays Use Vertex Arrays for rendering (usually faster)
-g noaudio No audio in Game Engine
-g nomipmap No Texture Mipmapping
-g linearmipmap Linear Texture Mipmapping instead of Nearest (default)

Misc options:

-d Turn debugging on
-noaudio Disable audio on systems that support audio
-h Print this help text
-y Disable script links, use -Y to find out why its -y
-P <filename> Run the given Python script (filename or Blender Text)
-R Register .blend extension
-v Print Blender version and exit

Examples

Render a picture

```
# blender -b file.blend -o //file -F JPEG -x 1 -f 1
```

-b file.blend : File .blend to render
 -o //file : Directory + Target image file
 -F JPEG : JPEG image format

• -x 1 : Adds an extension .jpg to the file name

• -f 1 : Render frame 1

Render a movie

```
# blender -b file.blend -x 1 -o //file -F MOVIE -s 003 -e 005 -a
```

• -b file.blend : File .blend to render

• -x : Adds an extension .avi to the movie

• -o //images/file : Directory + Target image file

• **-F MOVIE** : This saves a .AVI movie with low compression

• -s 003 -e 005 -a : Set start frame to 003 and end frame to 005. Important: You can use -s or -e, but if they're not in order, they'll not work!

Categories: Rendering | Command line

