



链滴

LoveExample-11 Animation

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原文链接: <https://ld246.com/article/1474643114468>

来源网站: [链滴](#)

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这一节引用了外部库，没看懂，先占个位，再研究。。。。

```
-- Example: Create and use an Animation  
require("animation")
```

```
function newImagePO2(filename)  
  local source = love.image.newImageData(filename)  
  local w, h = source:getWidth(), source:getHeight()  
  
  --math.ceil 返回不小于参数的最小整数  
  --math.pow(x,y)=x^y:x的y次方  
  --math.log(x [, base]):返回以指定底的 x 的对数。默认的 base 是 e（因此此函数返回 x 的自然数）。  
  -- Find closest power-of-two.  
  --local wp = math.pow(2, math.ceil(math.log(w)/math.log(2)))  
  --local hp = math.pow(2, math.ceil(math.log(h)/math.log(2)))  
  local wp = 2^math.ceil(math.log(w)/math.log(2))  
  local hp = 2^math.ceil(math.log(h)/math.log(2))  
  
  -- Only pad if needed:  
  if wp ~= w or hp ~= h then  
    local padded = love.image.newImageData(wp, hp)  
    padded:paste(source, 0, 0)  
    return love.graphics.newImage(padded)  
  end  
  
  return love.graphics.newImage(source)  
end  
  
function love.load()  
  -- Set a lovely pink background color.  
  love.graphics.setBackgroundColor(246, 198, 222)  
  
  -- Load the source of the animation.  
  img = newImagePO2("assets/anim-boogie.png")  
  
  -- Create an animation with a frame size of 32x32 and  
  -- 0.1s delay between each frame.  
  animation1 = newAnimation(img, 32, 32, 0.1, 6)  
end  
  
function love.update(dt)  
  -- The animation must be updated so it  
  -- knows when to change frames.  
  animation1:update(dt)  
end  
  
function love.draw()  
  -- Draw the animation the center of the screen.  
  animation1:draw(400, 300, 0, 1, 1)  
end
```