爱创课堂前端培训

# flappybird

第1天课堂笔记（本课程共1天）

班级：北京前端训练营19期

讲师：彭帅伟

日期：2019年1月5日

彭帅伟老师

QQ: 284337908

爱创课堂官网 ：[www.icketang.com](http://www.icketang.com)

# 复习：

canvas: 是HTML5新增的一个标签， 用于提供“画布”

画笔要通过canvas元素获取

canvas的标准属性有width和height

width表示的是canvas的宽

height表示的是canvas的高

坐标系：

canvas已经是最低层元素了，没有子元素了， 所以定位坐标系对于canvas是没有意义的， 但是canvas是用来显示图像的，自带了一个坐标系，默认是与元素的定位坐标系一致

api:

beginPath(): 开启路径

closePath(): 闭合路径

fillRect(x, y, w, h): 填充矩形

strokeRect(x, y, w, h): 描边矩形

clearRect(x, y, w, h): 清除canvas上的一块区域

arc(x, y, r, start, end, bool):绘制弧

fill(): 填充

stroke(): 描边

fillStyle: 改变填充色

strokeStyle: 改变描边色

font: 设置文字

lineWidth: 改变线宽

fillText: 设置文字

绘制图片：

通过drawImage方法

使用方式有三种：

1 以原尺寸绘制图片

ctx.drawImage(img, x, y)

2 缩放图片

ctx.drawImage(img, x, y, w, h)

3 截取图片中的某一部分

ctx.drawImage(img, img\_x, img\_y, img\_w, img\_h, canvas\_x, canvas\_y, canvas\_w, canvas\_h)

状态的保存与恢复：

保存状态：

ctx.save()

恢复状态：

ctx.restore()

获取canvas上的像素：

通过getImageData(x, y, w, h)

通过putImageData(imgData, x, y)可以将修正之后的像素信息对象重新放回canvas中

融合：

ctx.globalCompositeoperation

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
|  |