

Advanced jQuery Animation

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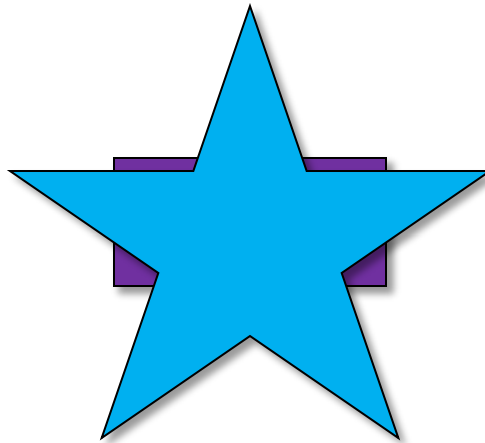


Introduction

- **Transforming DOM Elements in 2D**
- **3D Rotations**
- **Animating Color**
- **Animation Queues**
- **Promises for Animation**

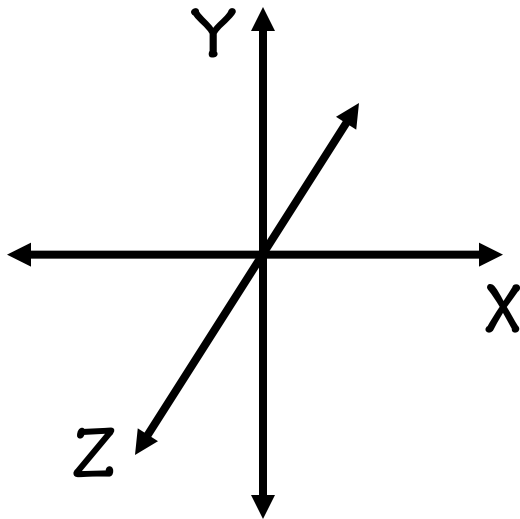
Transforming DOM Elements in 2D

- **translate(x, y)**
- **scale(x, y)**
- **rotate(deg)**
- **Example CSS:**
 - `transform: translate(100px, 100px) scale(2, 2) rotate(30deg)`



Animating 3D Rotations

- **rotateX(deg)**
- **rotateY(deg)**
- **rotateZ(deg)**
- **Example CSS:**
 - `transform: rotateX(30deg) rotateY(45deg) rotateZ(170deg)`



Animation Queues

fx

.show(...)

.animate(...)

.animate(...)

.animate(...)

.hide(...);

myQueue

.animate(...)

.animate(...)

.animate(...)

Animation Promises

- **Similar to async network calls**
- **Implemented as `animate()` options**
 - `done` – called when the animation fully completes
 - `fail` – called if the animation is interrupted before fully completing
 - `always` – always called at the end of an animation, whether it completed or not
- **Call `.promise()` to get the Promise object**

Summary

- **Animating non-numeric CSS properties**
- **Transforming in 2D**
- **3D Rotations**
- **Animating Color with jquery-color**
- **Animation Queues**
- **Promises for Animation**