

启动页消失组合动画(alpha+scale)

1. 简述：启动页一般会请求广告图片，在图片显示结束后从父视图移掉，这时候对该视图做相关消失动画，比如 alpha 由 1->0 的同时，实现视图的 scale 又 1->2 即放大效果。

2. 实现：

```
- (void)removingFromSuperview{
    self.layer.opacity = 0;
    CABasicAnimation *alphaChange = [CABasicAnimation animationWithKeyPath:@"opacity"];
    alphaChange.fromValue = @1;
    alphaChange.toValue = @0;
    alphaChange.timingFunction = [CAMediaTimingFunction functionWithName:kCAMediaTimingFunctionEaseOut];

    self.layer.transform = CATransform3DMakeScale(2, 2, 2);
    CABasicAnimation *scaleChange = [CABasicAnimation animationWithKeyPath:@"transform.scale"];
    scaleChange.fromValue = @1;
    scaleChange.toValue = @2;
    scaleChange.duration = 0.6;
    scaleChange.beginTime = 0;
    scaleChange.timingFunction = [CAMediaTimingFunction functionWithName:kCAMediaTimingFunctionEaseInEaseOut];
    scaleChange.removedOnCompletion = NO;

    CAAAnimationGroup *group = [CAAnimationGroup animation];
    group.animations = @[alphaChange, scaleChange];
    group.duration = 1.0;
    group.removedOnCompletion = NO;
    group.delegate = self;

    [self.layer addAnimation:group forKey:@"groupAnimation"];
}

- (void)animationDidStop:(CAAnimation *)anim finished:(BOOL)flag{
    if(flag){
        [self removeFromSuperview];
    }
}
```

温馨提示：广告图片请求回来的时间不一定，很难对图片进行渐变展示，很多 app 都会采用本地缓存判断，保证同一张图片只进行一次网络请求。但前提是，服务器每换一张广告图片，都必须保证 url 和之前的不一致！