

Red5

Crossing the streams

What is Red5?

- Streaming Media Server (RTMP)
- J2EE Server
- Remoting Gateway
- Java
- 100% Open Source

Getting Red5

- **Installers**

windows, osx, linux(ish)

- **Subversion**

```
svn co http://red5.googlecode.com/svn/java/server/trunk red5_server
```

Developing Red5 Applications

- Eclipse
- Red5Plugin

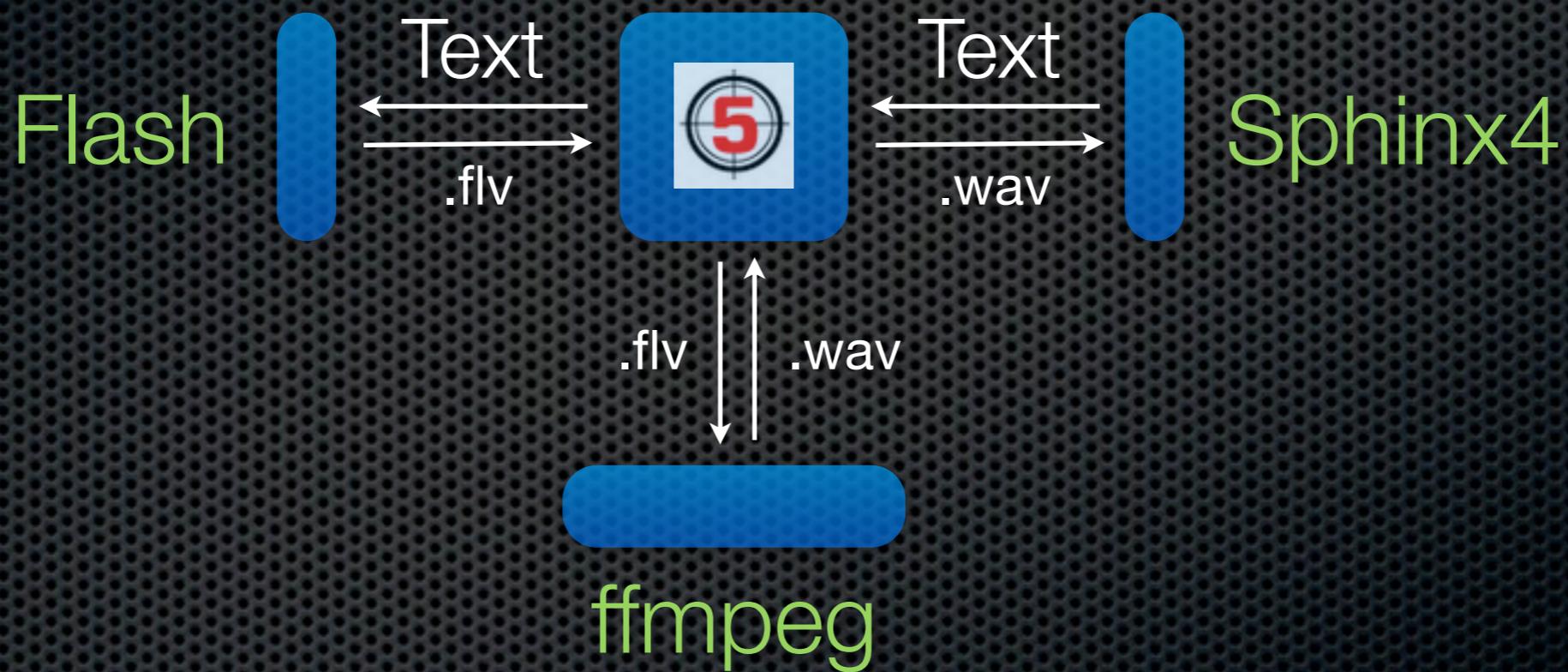
Speech Recognition



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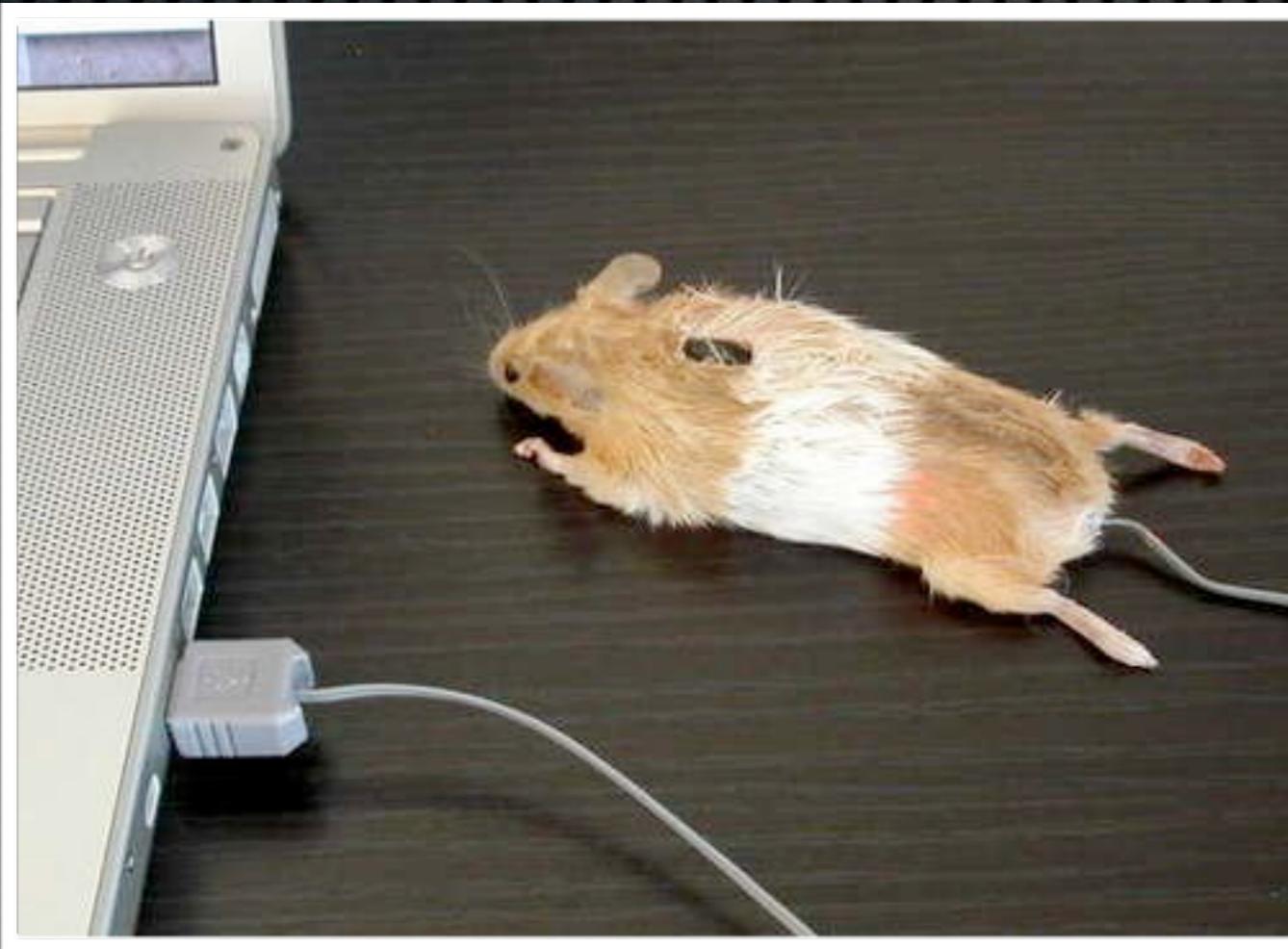
Speech Recognition



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Mouse Gestures

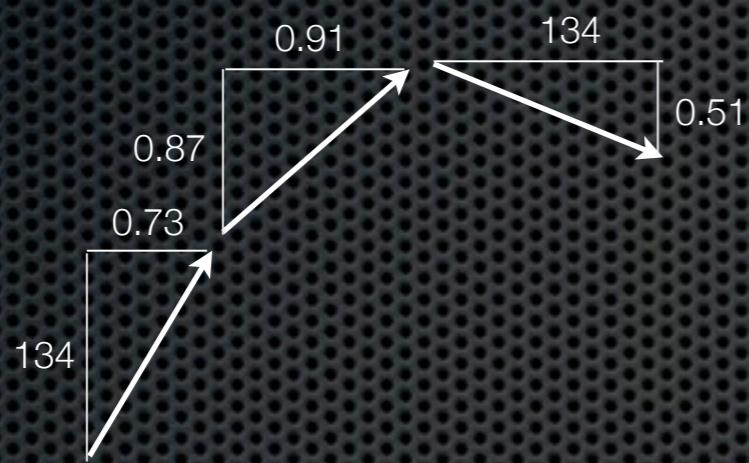


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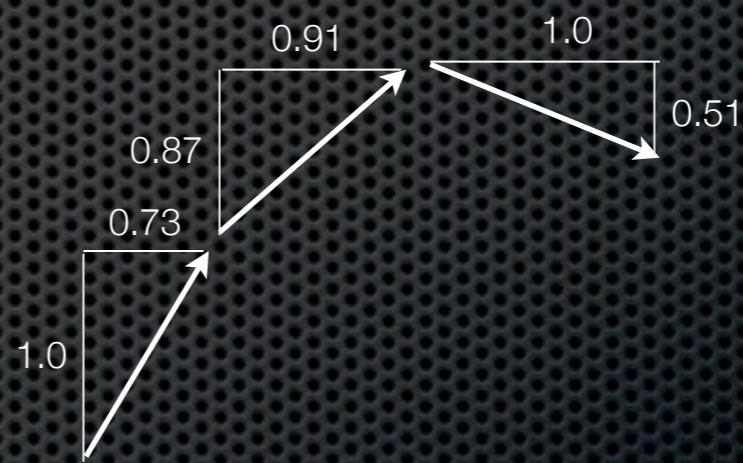


Mouse Gestures

Raw Vectors



Normalised Vectors



$\{\{1.0, 0.73\}, \{0.87, 0.91\}, \{1.0, 0.51\}\}$

Mouse Gestures

```
public static const  
SOUTH_WEST:Array =  
[ -0.7,0.7, -0.7,0.7,  
-0.7,0.7, -0.7,0.7,  
-0.7,0.7, -0.7,0.7,  
-0.7,0.7, -0.7,0.7,  
-0.7,0.7, -0.7,0.7,  
-0.7,0.7, -0.7,0.7 ];
```

Mouse Gestures

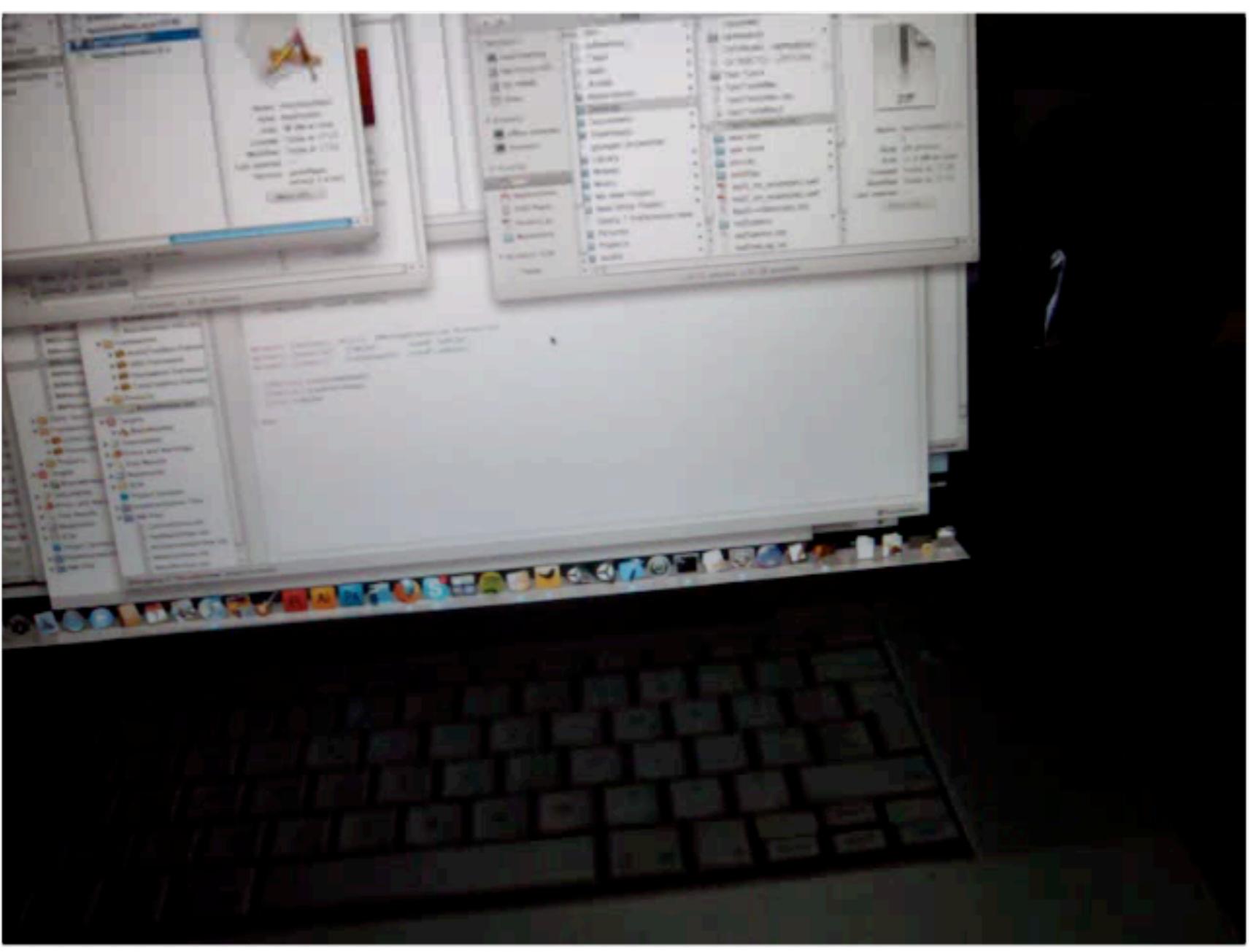


iPhone

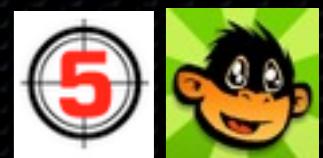
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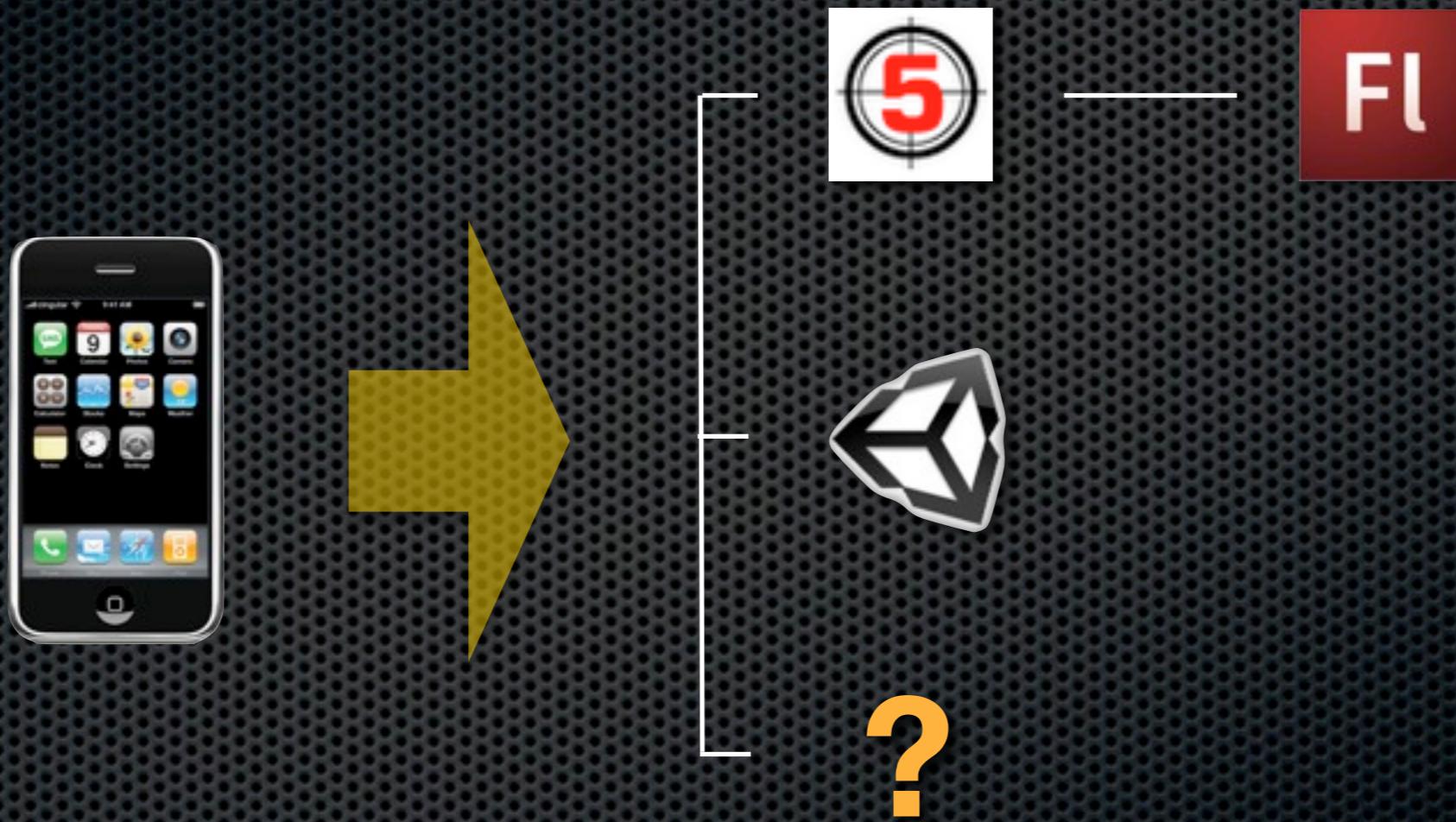
Brass Monkey



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Brass Monkey



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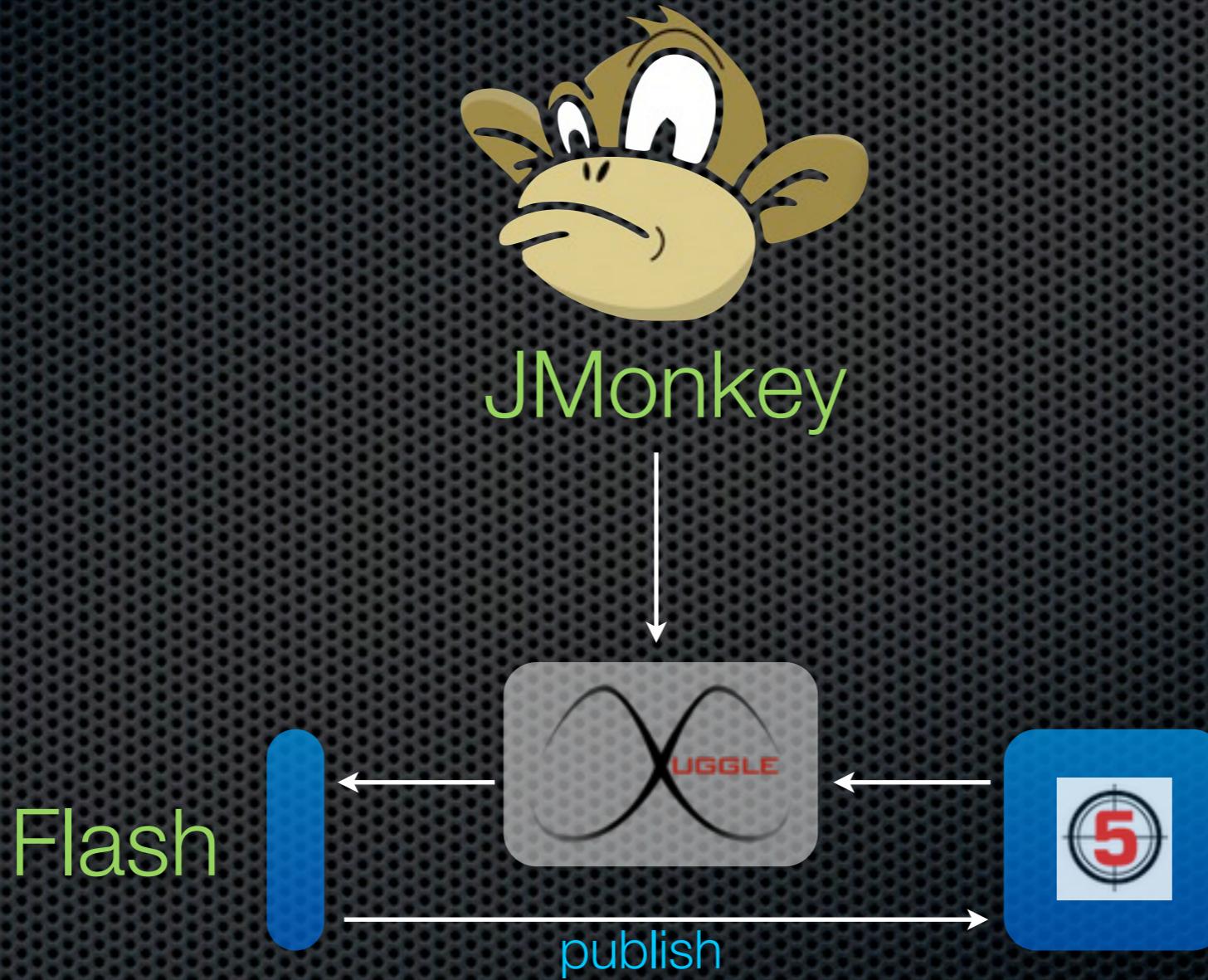
Interactive Video



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Interactive Video



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Links

Red5 Repository

<http://code.google.com/p/red5/>

Red5 Google Group

<http://groups.google.com/group/red5interest>

ffmpeg

<http://ffmpeg.org/>

Xuggle

<http://www.xuggle.com/>

JMonkey

<http://www.jmonkeyengine.com/>

trevor@infrared5.com

[@iamflashmonkey](https://twitter.com/iamflashmonkey)

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