# **RED5 – Project Roadmap**

## 0.1 Echo, Echo, Echo

Released Early October 2005

Proof of concept release showing RTMP and AMF support.

- Standalone server
- Spring and Mina integrated to form server base
- AMF data encoding and decoding
- RTMP packet encoding and decoding
- Service invocation layer
- Echo service exposed using RTMP

# **0.2 OFLA Online Prototype**

21st October 2005

Prototype release demonstrating video streaming and scripting.

- FLV reading code
- · Audio / Video streaming from disk
- Hierarchy of spring contexts (Global, Host, and App)
- Scripting support (JavaScript using Rhino)

#### 0.3 More Core Features

Early December 2005

Unstable release adding many more core features.

- FLV output code
- Audio / Video recording
- Audio / Video pass-through
- Audio / Video conferences
- Shared objects
- Remoting service

# 0.4 Public Alpha Release

New Year 2006

More stable version of 0.3 for public review and bug testing. This will be the first release to be available download.

Date: 18/10/2006, Status: Draft, Author: Luke Hubbard

Work on 0.5 will run concurrently.

- Standalone binary package with installer
- Basic samples and documentation
- FCS compatibility layer
- Embedded Jetty servlet engine

## 0.5 Spring Loaded Web Applications

~ January 2006

This release will focus on providing support and services for rapid application development.

- Security (using Acegi security system)
- · Web based flash admin console
- Web based flash log / debug console
- Client side flash media components
- Packaged application deployment
- Work on RED5 public API
- RTMPT transport connector
- Message style transport API

# 0.6 Developer Beta Release

~ *February* 2006

More stable version of 0.5 targeting developers who are itching to get started using RED5 to develop the next killer app.

- Available in Standalone and WAR versions
- Documentation covering all new features
- ROR style app development video bundled
- Kick start application code
- · Stable version of RED5 Public API

#### 0.7 Out of the Sandbox and into the Fire!

~ March 2006

This release will add non-core features that have been developed in the sandbox to the main trunk. The list of features for this release is not fixed and is likely to change.

- Match Flex Enterprise Services features (Data Services etc)
- XML socket server

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- AJAX support (XML Post, XML-RPC, JSON-RPC, etc).
- Integrate with Spring Web Services project beta.
- More scripting languages (Groovy, Beanshell, JRuby, etc)

### 0.8 Public Beta Release

~ *April 2006* 

More stable version of 0.7 for production environment testing. This public beta release will have many more features and so the focus should be on testing and bug reports.

### 0.9 Use the Force, Release Candidates

Q2 2006

During 0.9 we will aim to fix all known bugs, perform performance testing and optimization, and generally clean up the code, samples and documentation. There will be a series of Release Candidates for public testing.

## 1.0 Jedi Power, Public Release

*O2 2006* 

Its finally ready! So it doesn't have a shinny box, but it will come with some marketing material designed to please your boss, and best of all its free. How can anyone resist.

Long live RED5 - The Open Source Flash Server.

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