

# **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.

Work on 0.5 will run concurrently.

- Standalone binary package with installer
- Basic samples and documentation
- 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.

- Support client side application frameworks
- XML socket server
- 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**

*~ Q2 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.

RED5 – The Open Source Flash Server.