

# **Yuan's RTMP Server Web Portal With Red5 Server Installation Guide**

## **◆ Overview**

We will guide user how to install red5 server and create a Web Portal server using RTMP for push stream to red5 server.

Note!! If user want to crate QCAP RTMP Server Web Portal function, please read this document first, user should be stop Firewall of computer .

# **Install Red5 Server for windows**

## **◆ Introduction**

Red5 is an open source media server worked on RTMP protocol. This section will help you to install Red5 media server.

Step 1: Download and Install Red5 server 1.0.1

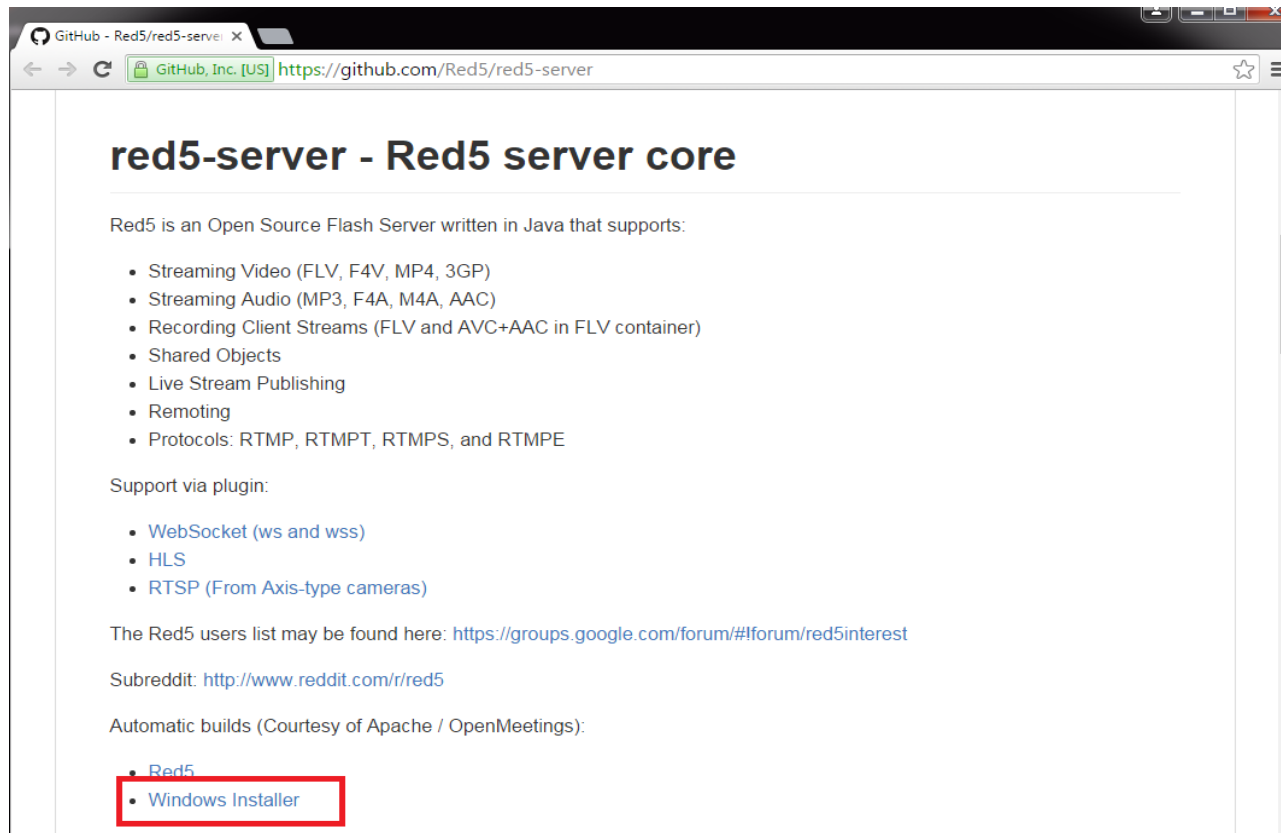
Step 2: Download and Install Java (JDK)

Step 3: Setup Environment Variables

Step 4: Start Red5

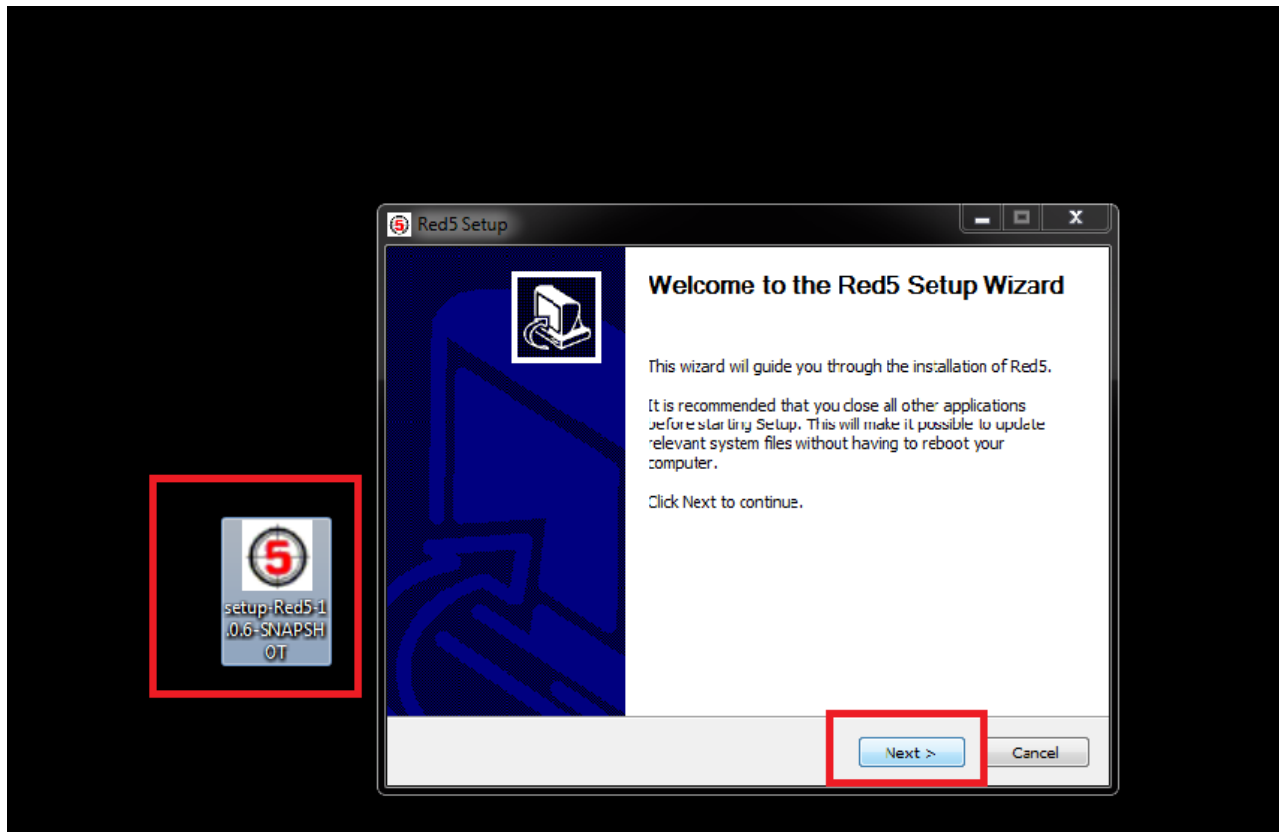
# Install Red5 Server for windows

- ◆ Visit <https://github.com/Red5/red5-server> and Select the download depending on your operating system.



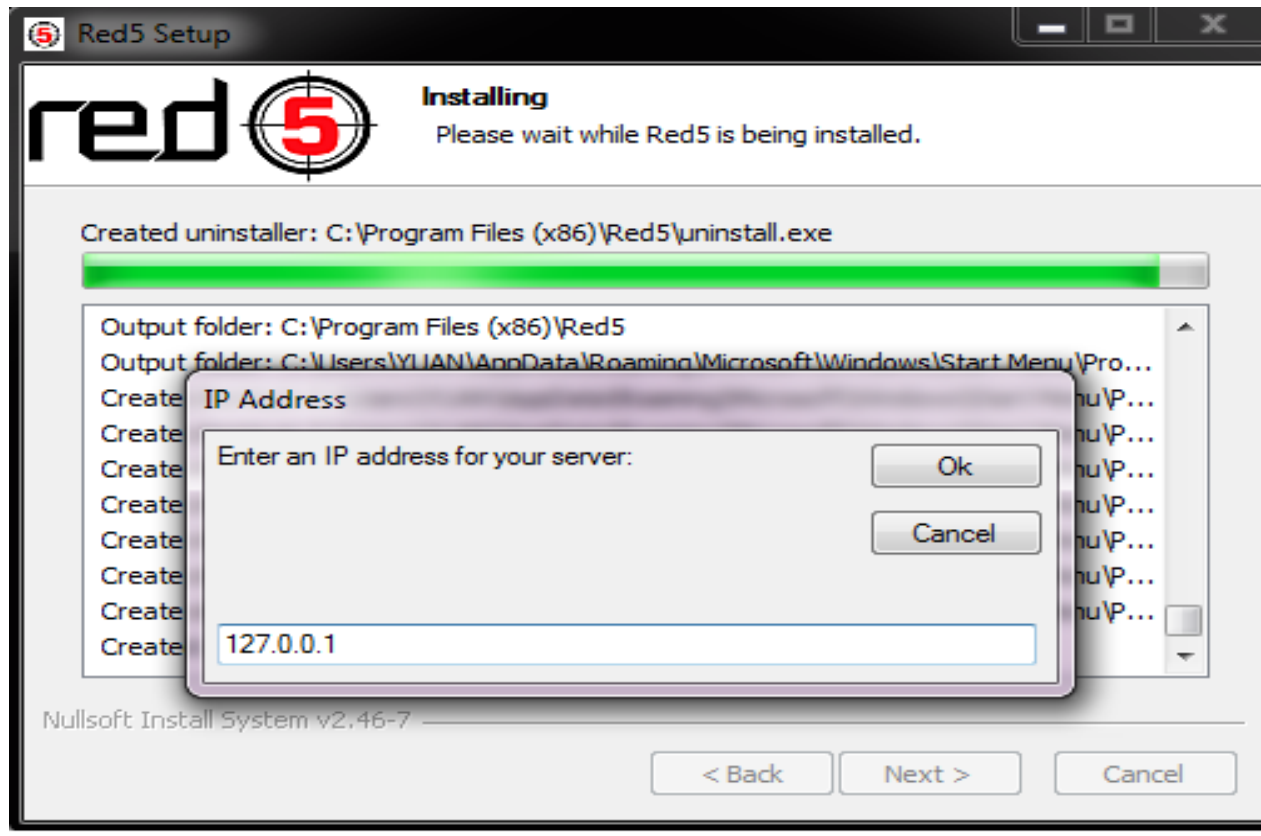
# Install Red5 Server for windows

## ◆ Install Red 5 Server



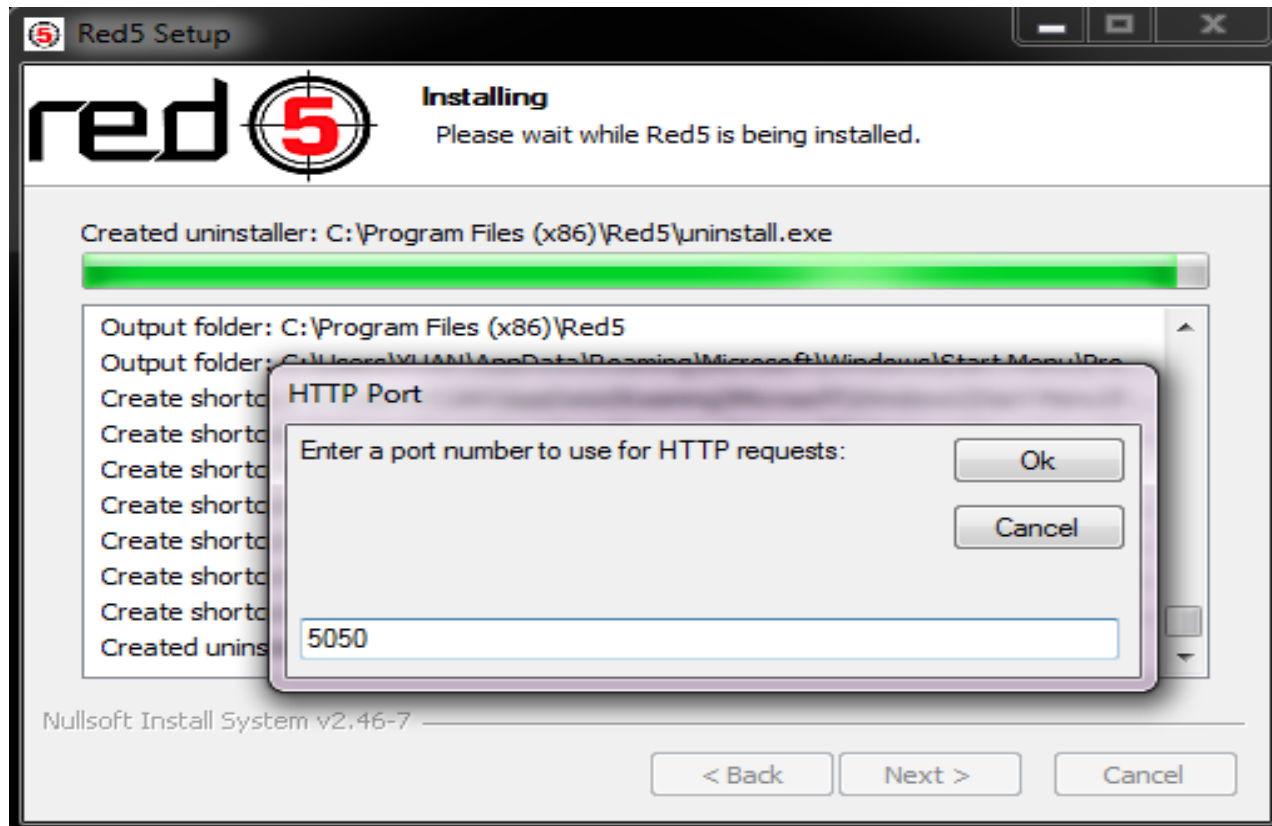
# Install Red5 Server for windows

- ◆ Set an IP address for your server



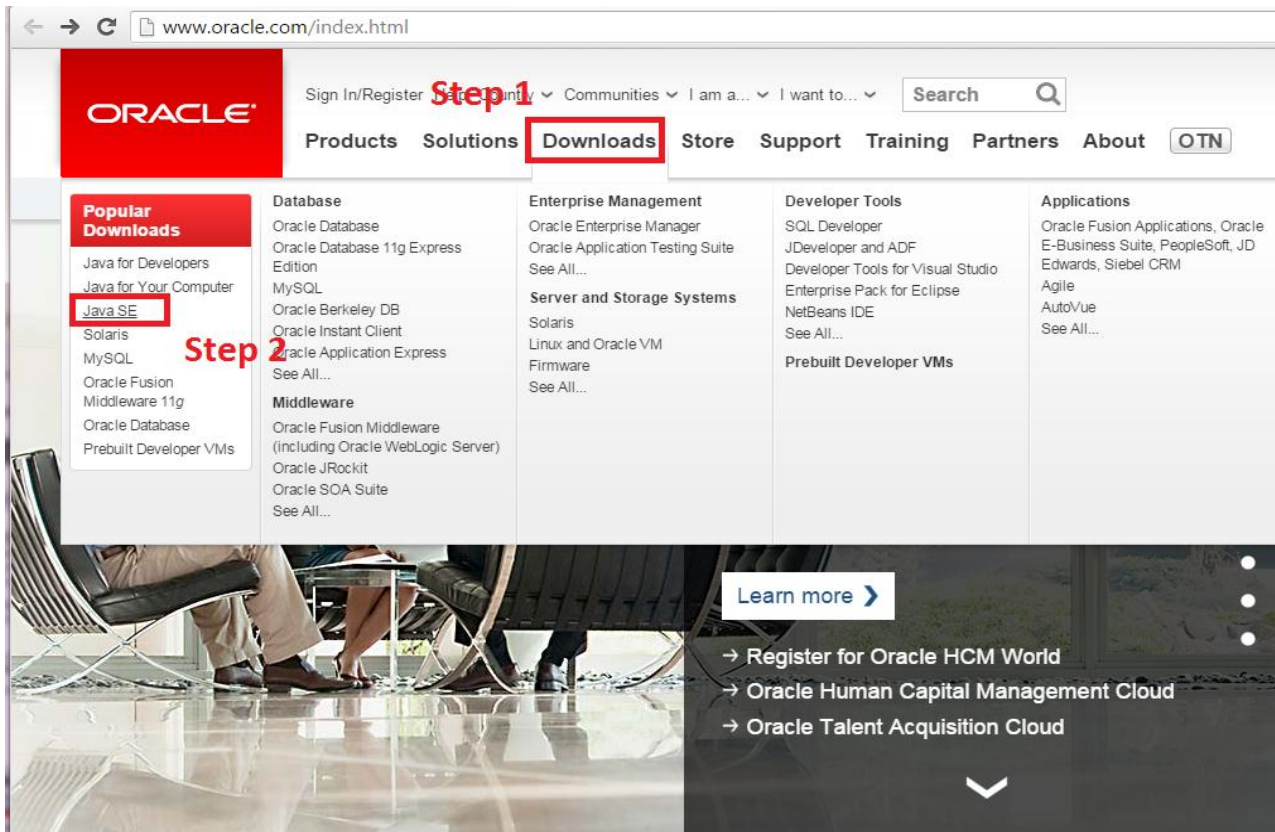
# Install Red5 Server for windows

- ◆ Set a port for HTTP requests



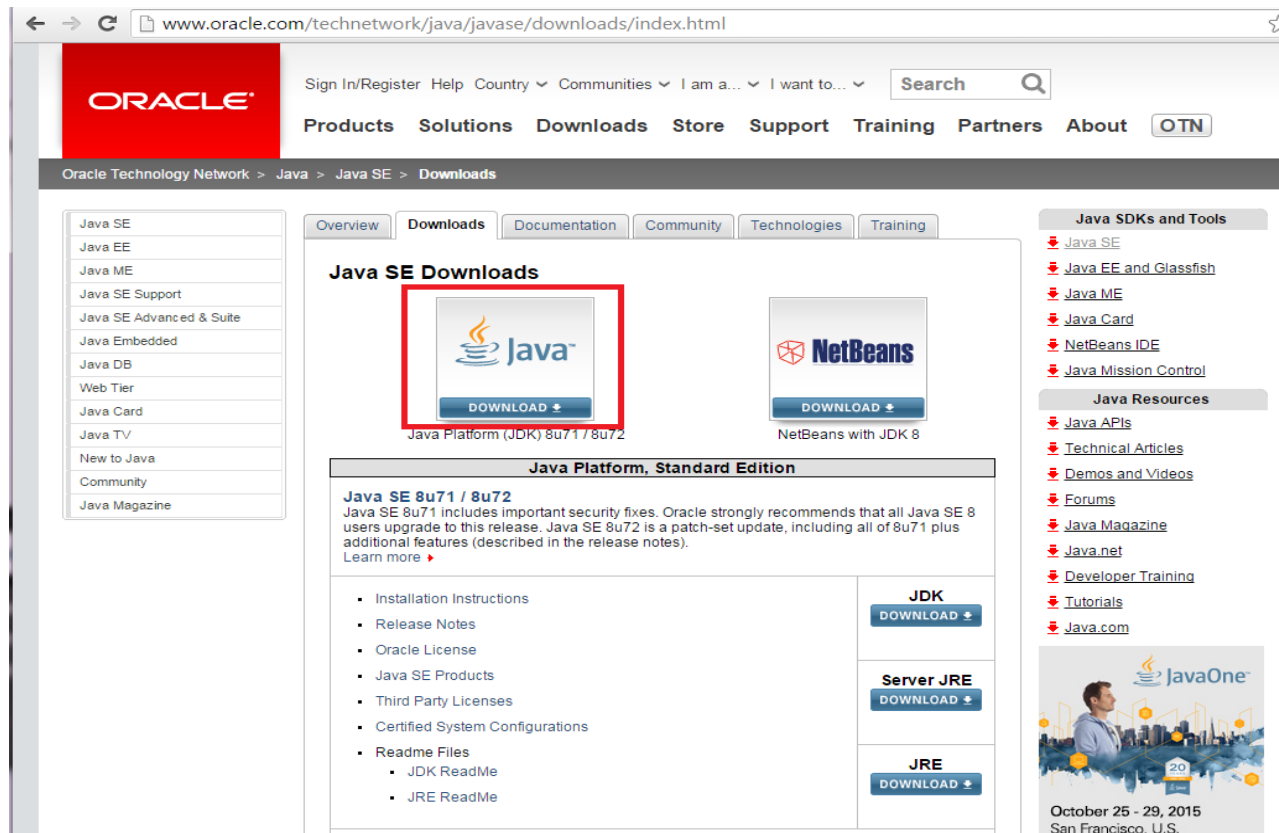
# Install JDK

- ◆ Visit <https://oracle.com> and download JDK



# Install JDK

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The screenshot shows the Oracle Java SE Downloads page. The browser address bar displays [www.oracle.com/technetwork/java/javase/downloads/index.html](https://www.oracle.com/technetwork/java/javase/downloads/index.html). The Oracle logo is in the top left. The navigation bar includes links for Sign In/Register, Help, Country, Communities, I am a..., I want to..., Search, Products, Solutions, Downloads, Store, Support, Training, Partners, About, and OTN. The breadcrumb trail reads: Oracle Technology Network > Java > Java SE > Downloads. A left sidebar lists various Java products. The main content area has tabs for Overview, Downloads, Documentation, Community, Technologies, and Training. The 'Downloads' tab is active, showing 'Java SE Downloads'. Two download buttons are visible: 'Java Platform (JDK) 8u71 / 8u72' and 'NetBeans with JDK 8'. The 'Java Platform (JDK) 8u71 / 8u72' button is highlighted with a red rectangle. Below this, the 'Java Platform, Standard Edition' section provides details for 'Java SE 8u71 / 8u72', including a description and a list of links for installation instructions, release notes, license, and other resources. On the right, there are sections for 'Java SDKs and Tools' and 'Java Resources' with various links. At the bottom right, there is a 'JavaOne' event announcement for October 25 - 29, 2015 in San Francisco, U.S.

Oracle Technology Network > Java > Java SE > Downloads

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**Java SE Downloads**

Java Platform (JDK) 8u71 / 8u72

NetBeans with JDK 8

**Java Platform, Standard Edition**

**Java SE 8u71 / 8u72**  
Java SE 8u71 includes important security fixes. Oracle strongly recommends that all Java SE 8 users upgrade to this release. Java SE 8u72 is a patch-set update, including all of 8u71 plus additional features (described in the release notes).  
[Learn more](#)

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**JDK**  
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**JavaOne**  
October 25 - 29, 2015  
San Francisco, U.S.



# Install JDK

- ◆ Click Accept License Agreement and Download JDK, Select the download depending on your operating system.

Oracle Technology Network > Java > Java SE > Downloads

## Java SE Development Kit 8 Downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications, applets, and components using the Java programming language.

The JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java platform.

See also:

- Java Developer Newsletter: From your Oracle account, select **Subscriptions**, expand **Technology**, and subscribe to **Java**.
- Java Developer Day hands-on workshops (free) and other events
- Java Magazine

JDK 8u71 Checksum  
JDK 8u72 Checksum

### Java SE Development Kit 8u71

You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

☒ Accept License Agreement ☐ Decline License Agreement

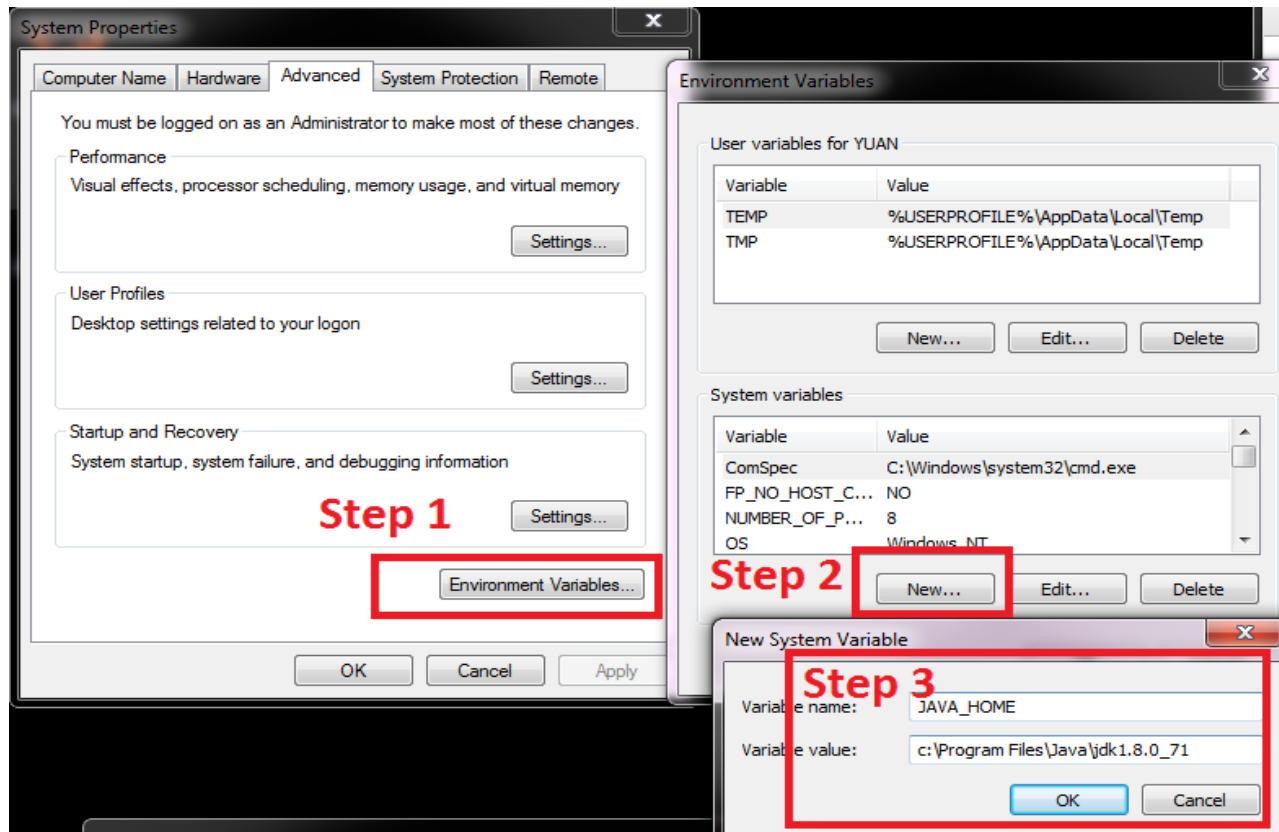
Product / File Description	File Size	Download
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Linux x64	172.9 MB	jdk-8u71-linux-x64.tar.gz
Mac OS X	227.24 MB	jdk-8u71-macosx-x64.dmg
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Solaris SPARC 64-bit	99.05 MB	jdk-8u71-solaris-sparcv9.tar.gz
Solaris x64	139.98 MB	jdk-8u71-solaris-x64.tar.Z
Solaris x64	96.19 MB	jdk-8u71-solaris-x64.tar.gz
Windows x86	181.21 MB	jdk-8u71-windows-i586.exe
Windows x64	186.55 MB	jdk-8u71-windows-x64.exe

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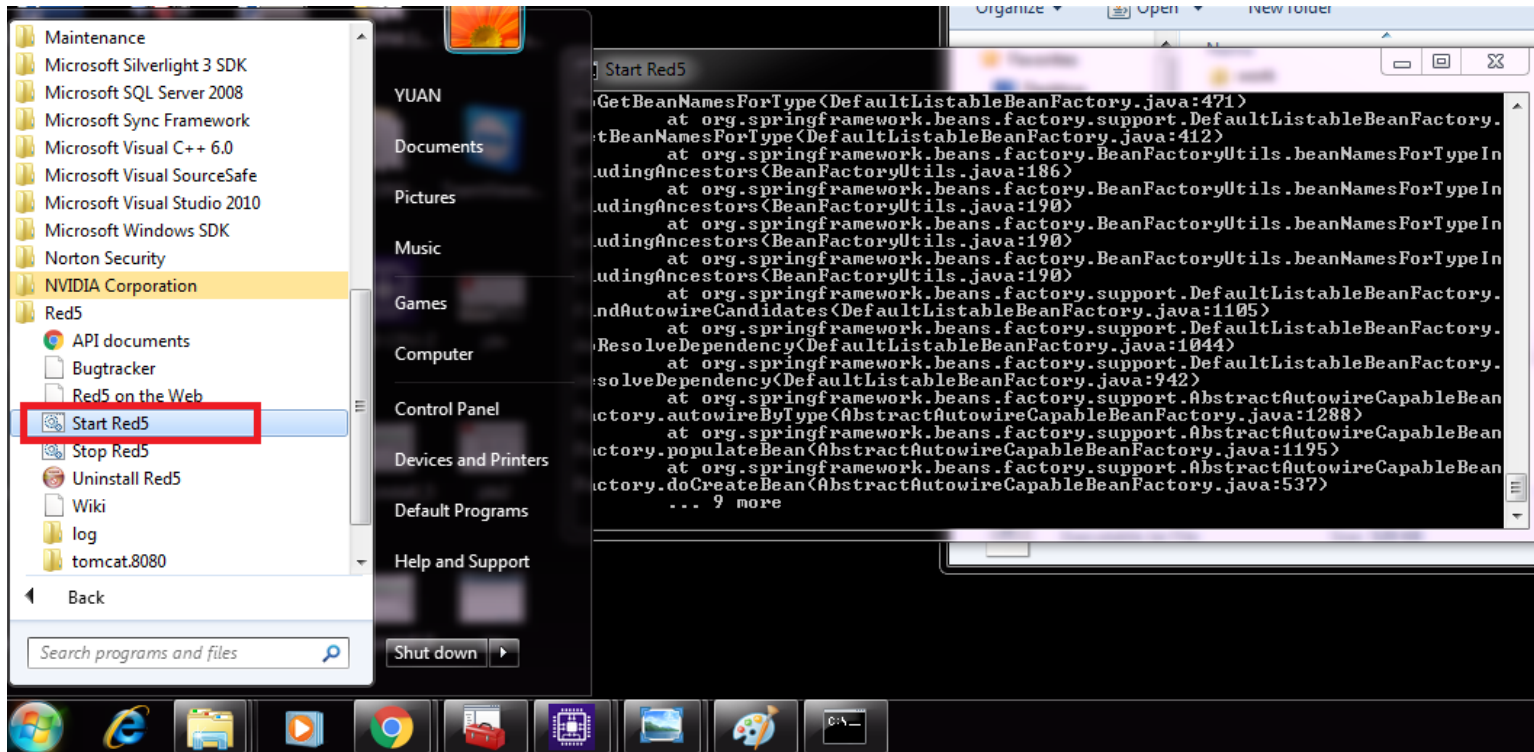
# Setup Environment Variables

- ◆ Create a JAVA\_HOME environment variable and set c:\Program Files\Java\jdk.1.8.0\_71 (depend on JDK version)



# Start Red5 Server

## ◆ Start Red5



# Start Red5 Server

- ◆ Open this URL in a browser <http://localhost:5050/> (depend on your setting)



This page is used to test the proper operation of the Red5 server after it has been installed. If you can read this page it means that the Red5 server installed at this site is working properly.

If you would like to watch an instructional video on Red5 and have access to YouTube, [click here](#)

If you see this video then  
your server is working.



If you prefer to jump right in, follow these steps:

- [Install](#) a ready-made application
- Launch a [demo](#)

# Start Red5 Server

◆ Click a demo link



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- Launch a **demo**

# Start Red5 Server

- ◆ Click a View demo link on Publisher



## Demos

On this page you can find some sample applications that show the various features provided by Red5.  
You must **install** the demo applications before running them.

**Shared Ball**  
A simple shared ball demo that makes use of Shared Objects. [View demo](#)

**OFLA Demo**  
Simple video player as shown on the Online Open Source Flash conference. [JWPlayer demo](#) | [Classic demo](#)

**Publisher**  
Publishing program that can be used to publish, record and view videos. [View demo](#)

**Bandwidth Detection**  
Demo application that detects the client bandwidth. [View demo](#)

**Simple Chat**  
Basic chat demo that uses Shared Objects to send chat messages. [View demo](#)

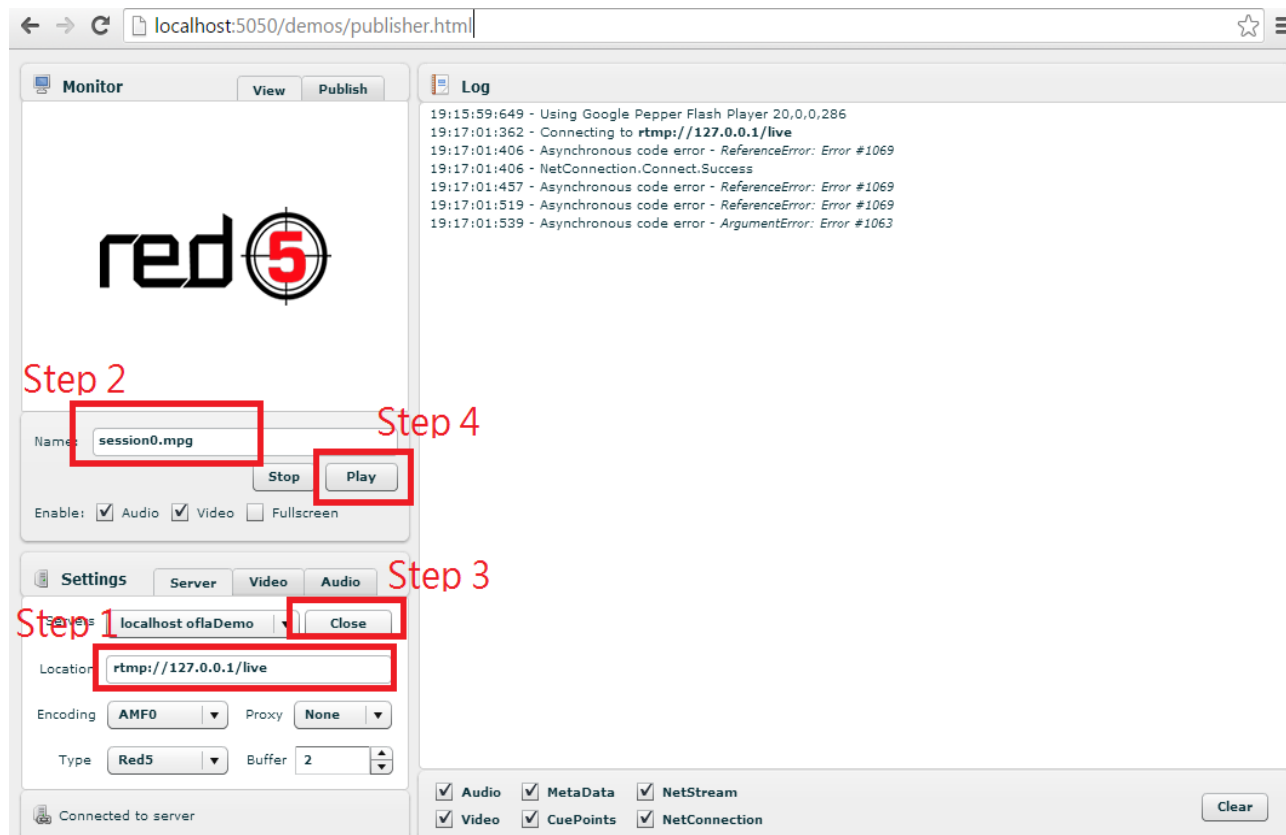
**Simple Broadcaster**  
Basic live video broadcaster. [View demo](#)

**Simple Subscriber**  
Basic live video subscriber to be used with the simple subscriber. [View demo](#)

**Simple Recorder**

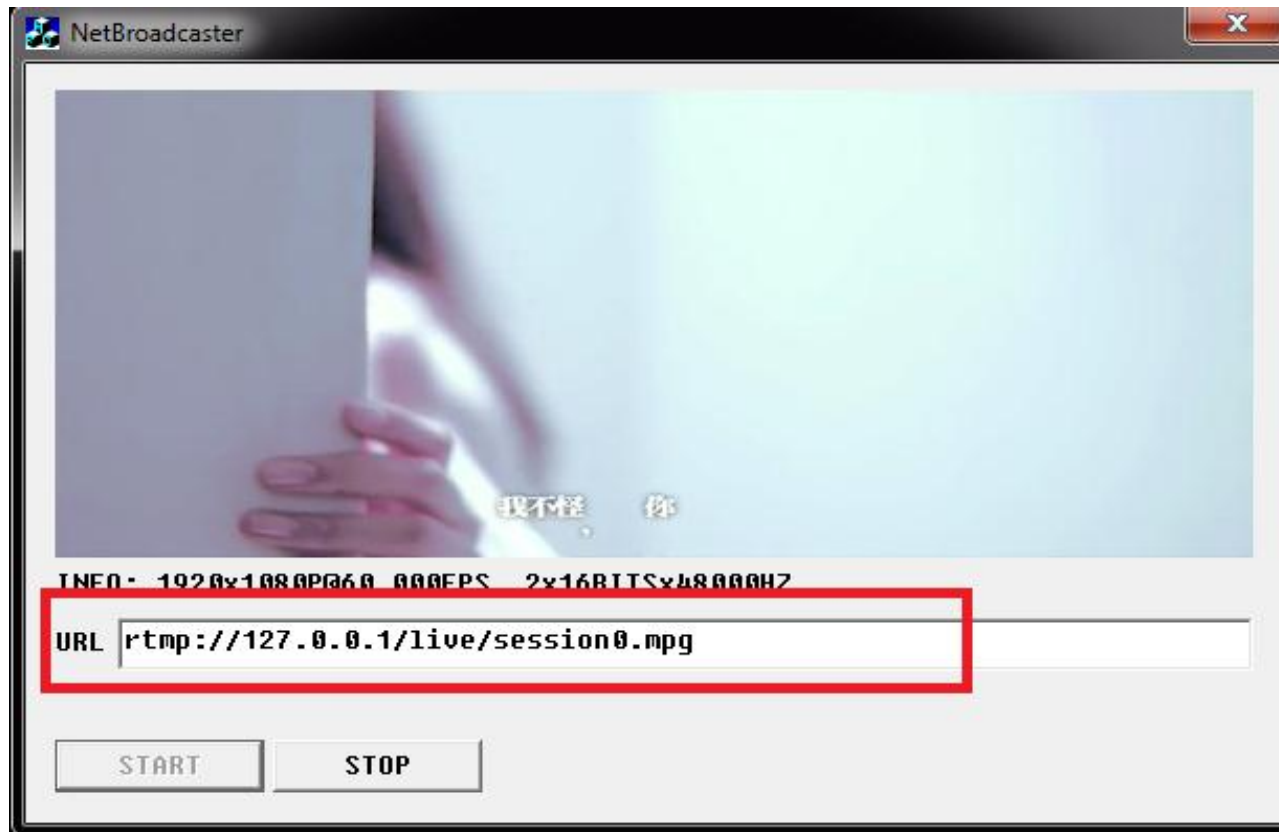
# Start Red5 Server

- ◆ Step 1& 2 Set a RTMP URL,
- ◆ Step 3 Server connect,
- ◆ Step 4 Play video



# Create WER PORTAL Server

- ◆ Set a URL string of the remote RTMP media server





# RTMP Server Web Portal With Red5 Server

