

# Public Access Changes Addition Web Start

## Introduction

Due to changes in technology, beginning in April 2017, Appellate CurrentGen CM/ECF will need to be launched using Java Web Start (hereafter referred to as “Web Start”) rather than the Java Applet when using the Chrome or Firefox browsers. (The Java Applet versions of Appellate CurrentGen CM/ECF still will be usable in the Windows IE browser and is recommended. Chrome already does not support Applets.)

Web Start is a component of the Java Runtime Environment (JRE) and consequently is already loaded on a computer on which Java has been downloaded. The latest version of Java (currently 1.8) should be loaded to run Web Start. When a user clicks a Web Start-enabled application link, a Java Network Launch Protocol (JNLP) file developed for that application is activated and directs the Java Web Start software to download, cache, and run the application. When that application is launched for the first time, a few additional one-time steps are required to set it up properly. Those steps may vary slightly from one browser/browser version to the next.

## Recommendations for Browser Use

The following recommendations are being made when running the CurrentGen Appellate application with Web Start using Firefox or Chrome:

- The same browser should always be used as both the login and default browser when using Web Start to launch the application so that required cookie information can easily be passed to other tabs/windows that open.
- Firefox is the recommended browser to use when launching and running CM/ECF using Web Start.
- Chrome has caused intermittent problems using Web Start. Users who prefer Chrome may want to give it a try, but may end up switching to Firefox.

## General Outline of the Process

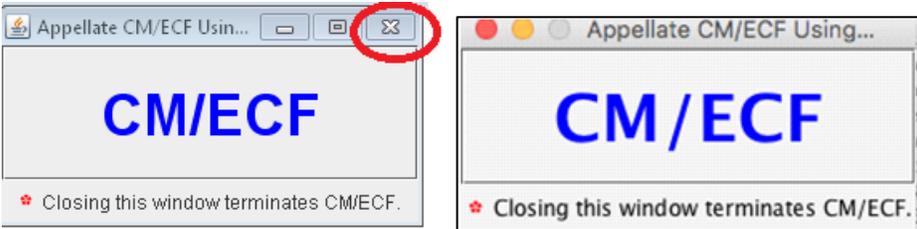
The process of setting up and using browsers on both the Windows and Mac operating systems to run Web Start involves the following steps:

1. Ensure that the Java Web Start Launcher is correctly associated with files of type JNLP on the operating system.
2. Use your default browser when launching CM/ECF using Web Start to ensure that all windows that are opened as a result are launched using the default browser to which you are already signed in.
3. Run the Web Start Version of Appellate CM/ECF in each browser you wish to use, establishing the connection between the jnlp file and its launcher, if necessary.

- 4. While running the application, for best results, do not close the small CM/ECF window or the underlying browser window whose title ends with “?client=pc”.



- 5. When closing the application, be sure to close the small CM/ECF window and the associated browser window.



**Web Start Setup for Your Operating System and Browser(s)**

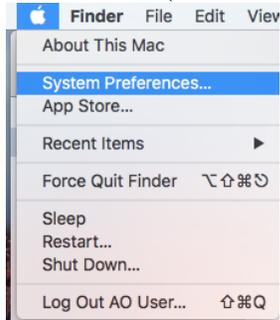
If you need help with Web Start setup for your particular operating system and browser, please contact the Help Desk of the Court to which you are signing in or the PACER Service Center.

# OSX: Assigning the correct action for a jnlp file

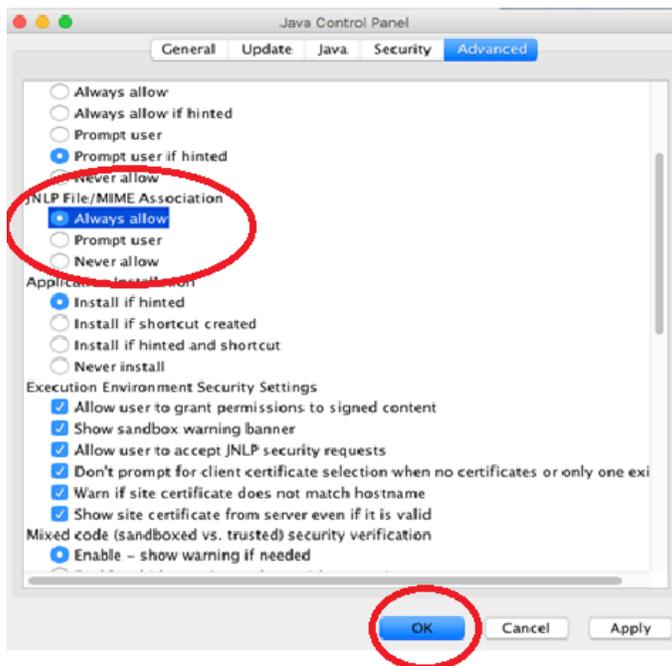
To ensure that your Mac will always be able to associate files with the JNLP mime type, do the following:

**NOTE:** These instructions are for the Mac El Capitan OS. Other versions of the Mac OS may vary slightly.

1. Click the Apple Menu button in the top left corner of your computer screen and select System Preferences (or Preferences).

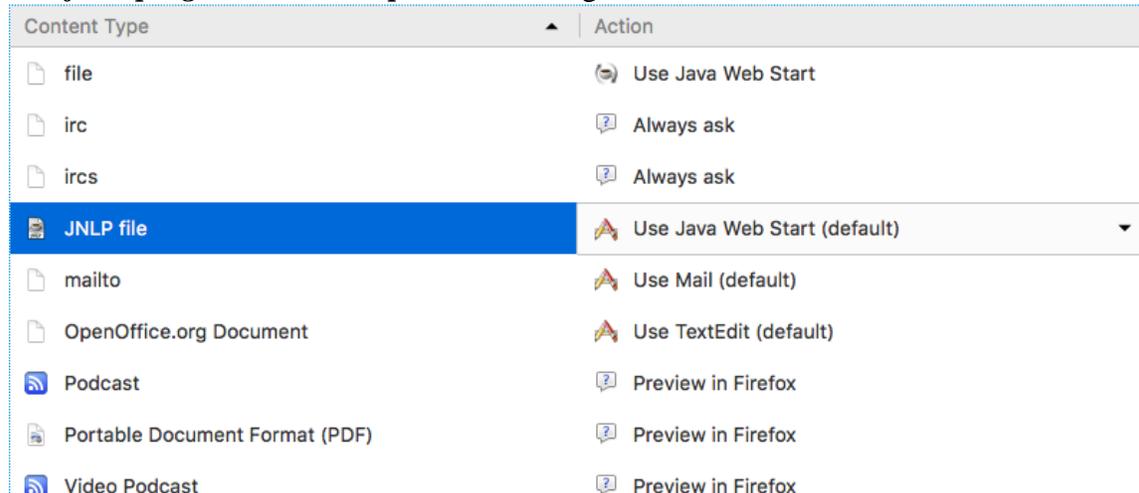


2. Under the *Other* section, click the Java icon to access the *Java Control Panel*.
3. Click the *Advanced* tab and under the title *JNLP File/MIME Association*, click the radio button *Always Allow* and then click *OK*



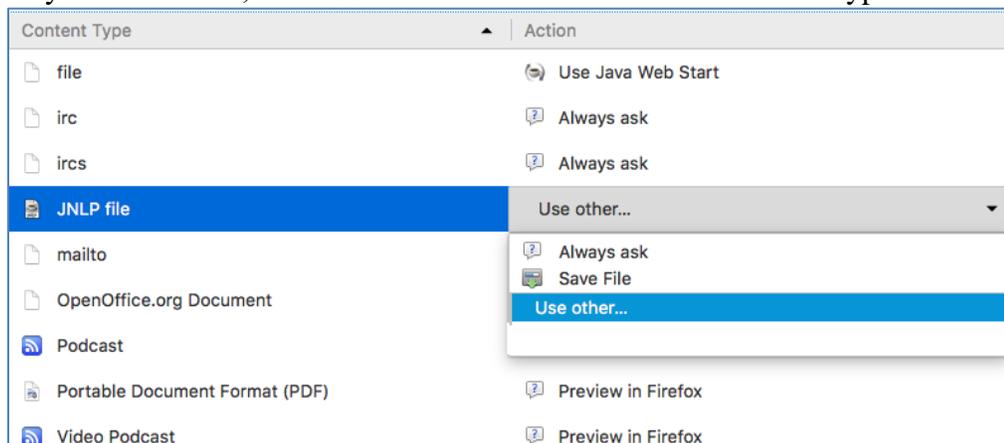
# OSX: Assigning the correct action for a jnlp file type in Firefox

The Firefox Browser on the Mac has a utility to help you assign the correct file launcher to a file of a given type before you ever launch a Web Start application. It can be located by selecting Preferences → Applications on the Firefox menu or by select *Choose a default program* from an *Open With* dialog



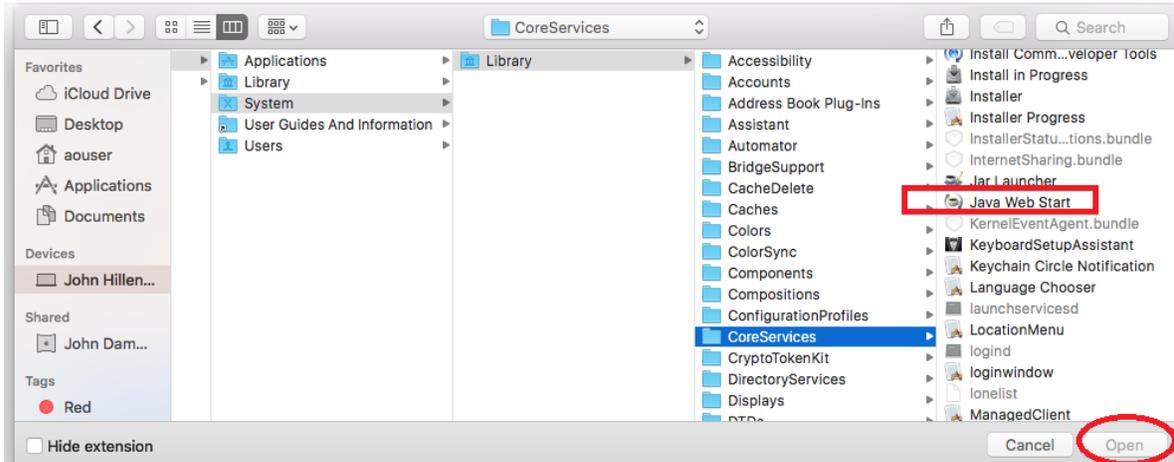
If for some reason the action for a jnlp file is incorrect in this utility, do the following:

1. Click the row with the jnlp content type, click the down arrow next to the currently associated action, and if you see **Java Web Start** as a choice in the drop-down menu, select it and exit the utility. If you don't see it, click **Use other** to browse for the correct file type.



2. You will be taken to the **Finder** where you can locate the file **Java Web Start** by selecting your hard drive under Devices in the left column (here shown as **John Hillenbrand's Mac Book Pro**) and then going to the directory /System/Library/CoreServices/ and **highlighting Java Web**

**Start.** Click **Open** at the bottom of the screen and you will be taken back to the initial utility screen.

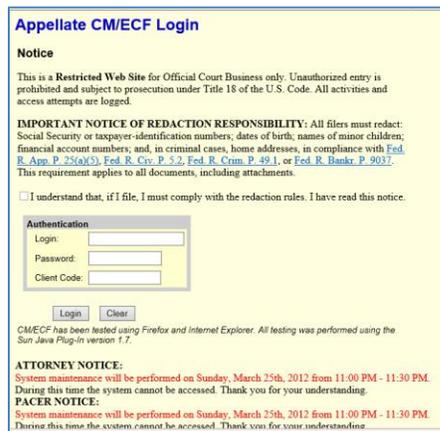


3. The **Java Web Start** file should now be assigned to jnlp files. At this point, you can exit the utility.

# OSX: Expected login sequences

Once you have set up your system and your browser, you can expect to execute the following login sequences every time you run the application, depending on the system, browser and version of CM/ECF you are using. Since there are variations from browser to browser for each system/browser/version you choose, in parentheses after each step is a list of the browsers for which the step in the sequence is relevant.

## 1) Log in (Firefox, Chrome)



**Appellate CM/ECF Login**

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I understand that, if I file, I must comply with the redaction rules. I have read this notice.

**Authentication**

Login:

Password:

Client Code:

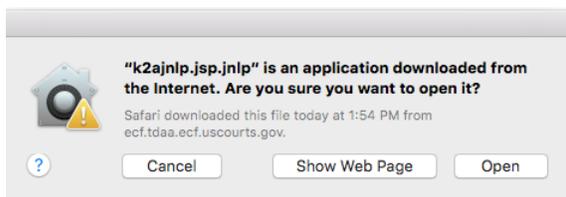
CM/ECF has been tested using Firefox and Internet Explorer. All testing was performed using the Sun Java Plug-in version 1.7.

**ATTORNEY NOTICE:**  
System maintenance will be performed on Sunday, March 25th, 2012 from 11:00 PM - 11:30 PM. During this time the system cannot be accessed. Thank you for your understanding.

**PACER NOTICE:**  
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## 2) The JNLP file will be quickly downloaded.

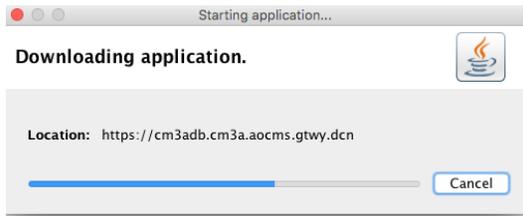
## 3) In response to the internet warning, click *Open*. (Firefox).



## 4) You will briefly see the Java icon showing that Web Start has been launched. (Firefox, Chrome)



- 5) You may see messages saying the application is being downloaded and verified. (Firefox, Chrome)



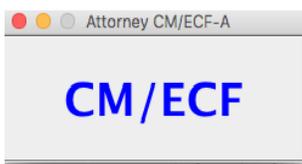
- 6) Click *Continue* in response to untrusted website warning. (Firefox, Chrome)



- 7) Splash screen displays (Firefox, Chrome)



- 8) To exit the application after you finish using it: (Firefox, Chrome)
- Click the red dot in the top left corner of the small CM/ECF window.
  - Close the browser.



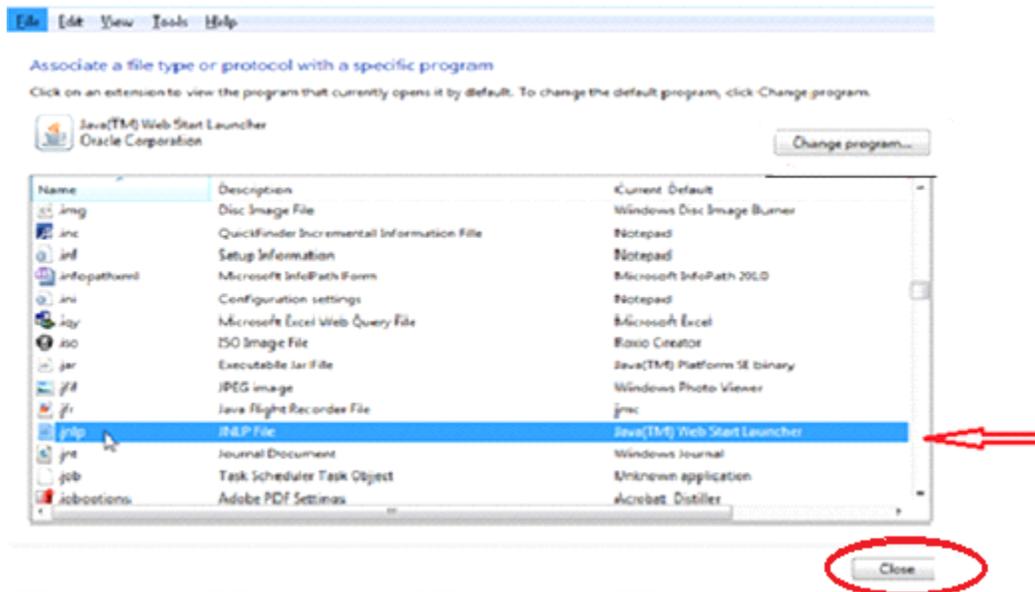
# Windows: Assigning the correct action for a jnlp file

**Check that files of type .jnlp are associated with the Java Web Start Launcher on your Windows operating system.**

On your Windows operating system, check that .jnlp file types are associated with the **Java™ Web Start Launcher** as follows:

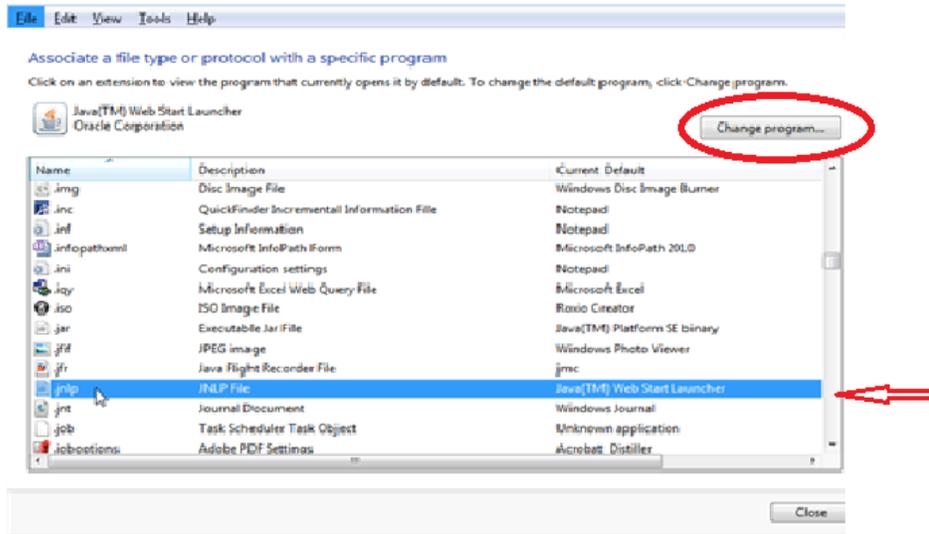
**NOTE:** These instructions are for the Windows 7 OS. Other versions of the Windows OS may vary slightly.

1. Open Default Programs by clicking the Start  button and then clicking Default Programs
2. Click *Associate a file type or protocol with a program*.
3. Locate the file extension **.jnlp** and make sure that **the Java™ Web Start Launcher** is the program with which it is being opened (listed under the *Current Default* column). Then click the **Close** button at the bottom of the window. **SKIP TO STEP 9.**

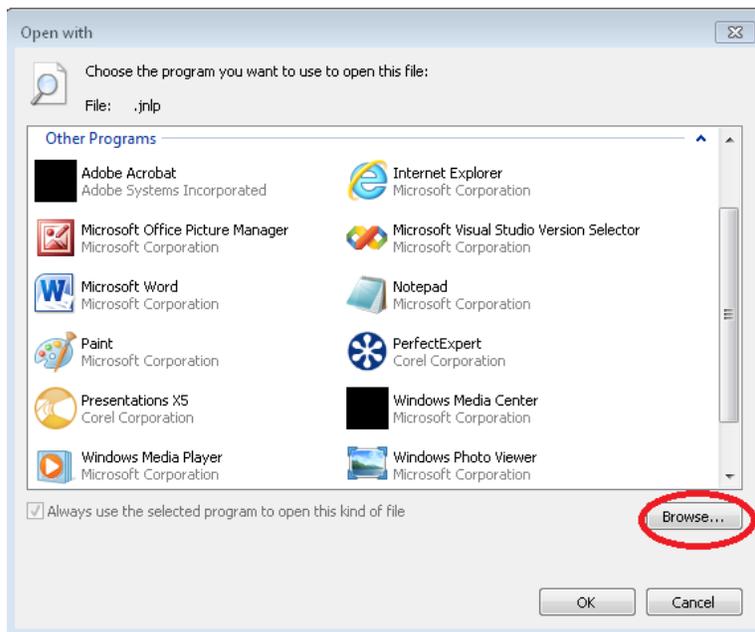


4. If you do not see the .jnlp extension in the list of file types (under the *Name* column), your Java is probably not active. Go to the Java Control Panel and make sure Java 1.8 is listed and it is checked as enabled. If Java 1.8 is not listed, you will need to reinstall it.

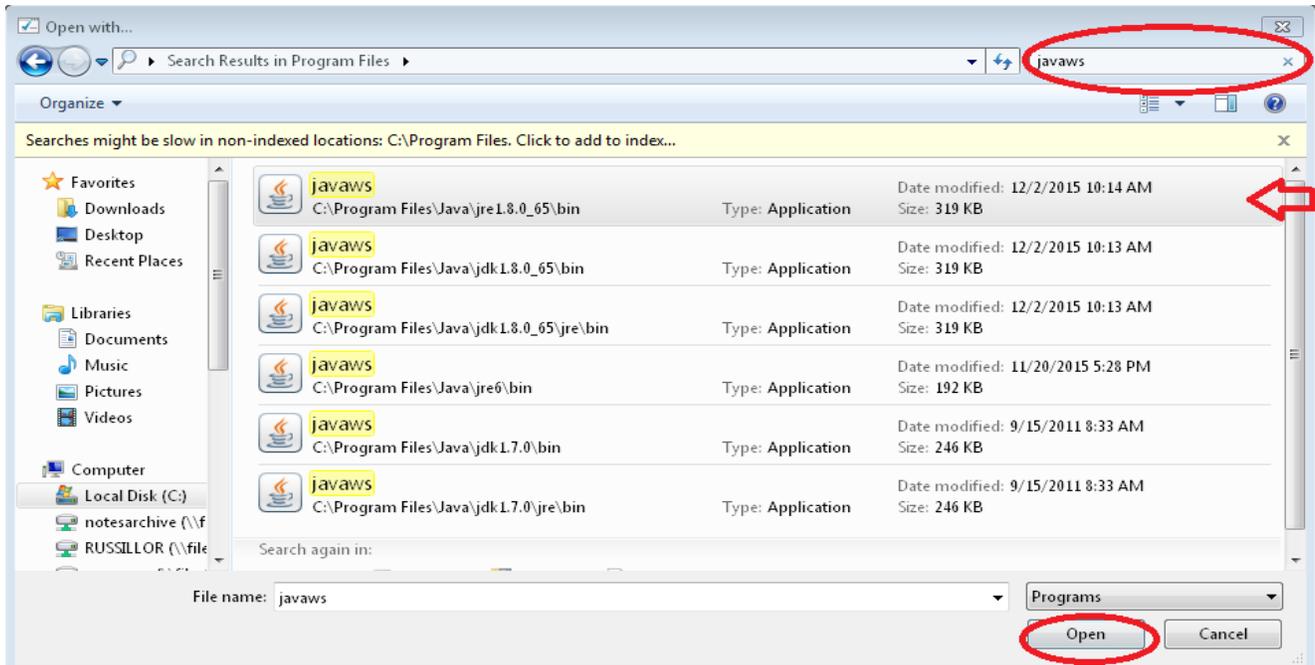
- If you DO see the .jnlp extension in the list of file types but it is NOT designated to be opened with the **Java™ Web Start Launcher**, click the **Change program** button circled in the picture below.



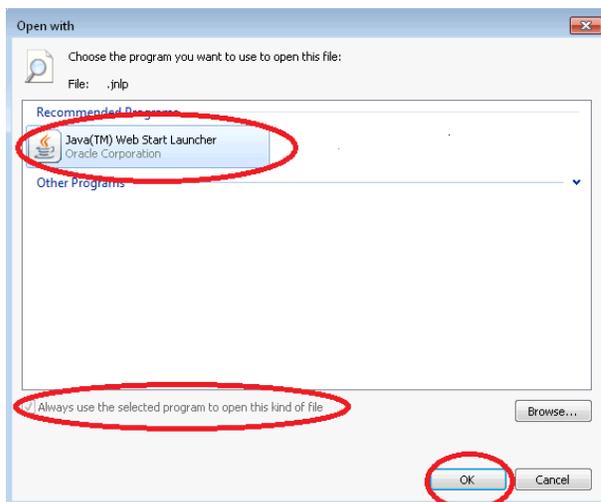
- If you don't see the **Java™ Web Start Launcher**, click the **Browse** button on the next screen.



7. In the search window on the top right, search for the executable file **javaws.exe** from the latest version of Java on your computer. Select that file and click **Open** to add the launcher file as a choice for **.jnlp** files.



8. You will be returned to the **Open With** screen where you can then highlight the **Java™ Web Start Launcher**, be sure the checkbox next to **Always use the selected program to open this kind of file** is checked, and click **OK** to complete the assignment.

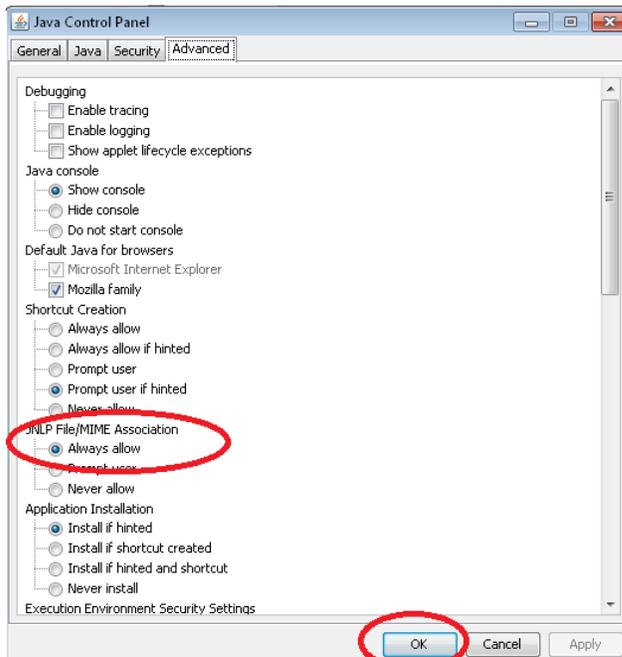


9. Close all windows related to Default Programs.

# Windows: Set Java to always allow JNLP file/mime type association



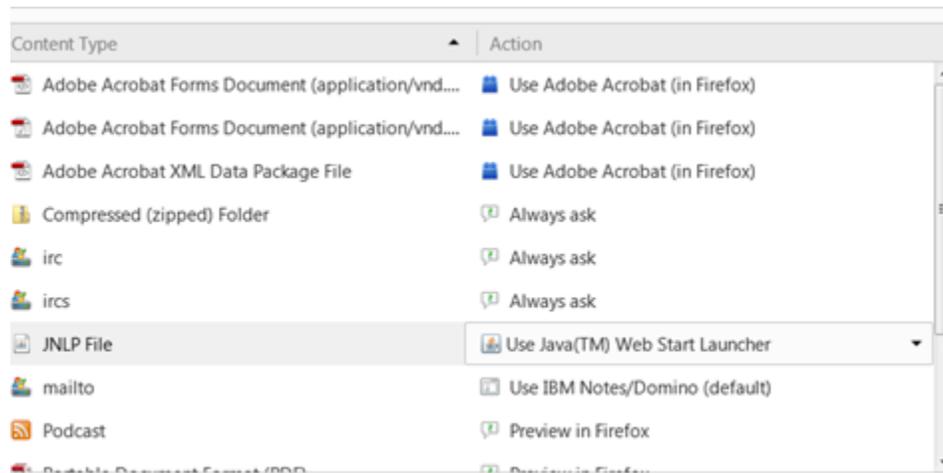
1. In Windows, from the Start menu , click **Control Panel** → **Programs** → **Java**. On the **Advanced** tab, under **JNLP/MIME type association**, click the radio button next to **Always Allow**.
2. Click **OK**.



# Windows: Assigning the correct action for a jnlp file type in Firefox

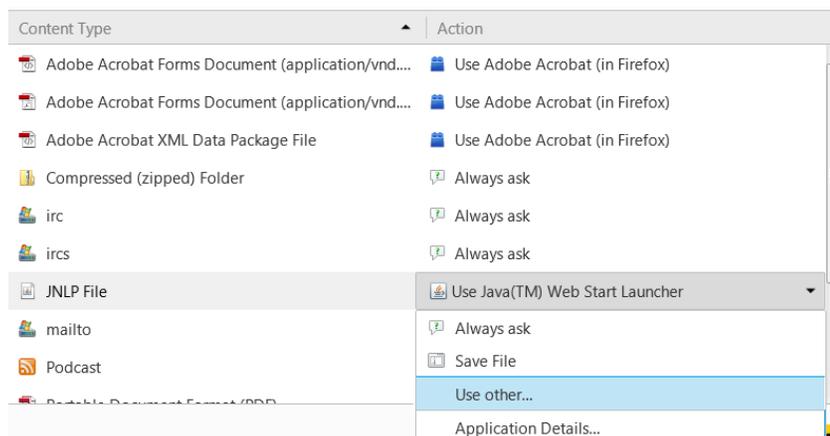
The Firefox Browser on Windows also has a utility to help you assign the correct file launcher to a file of a given type before you ever launch a Web Start application.

It can be located by selecting Options → Applications from the Tools menu of the Firefox browser or by selecting *Choose a default program* from an *Open With* dialog.

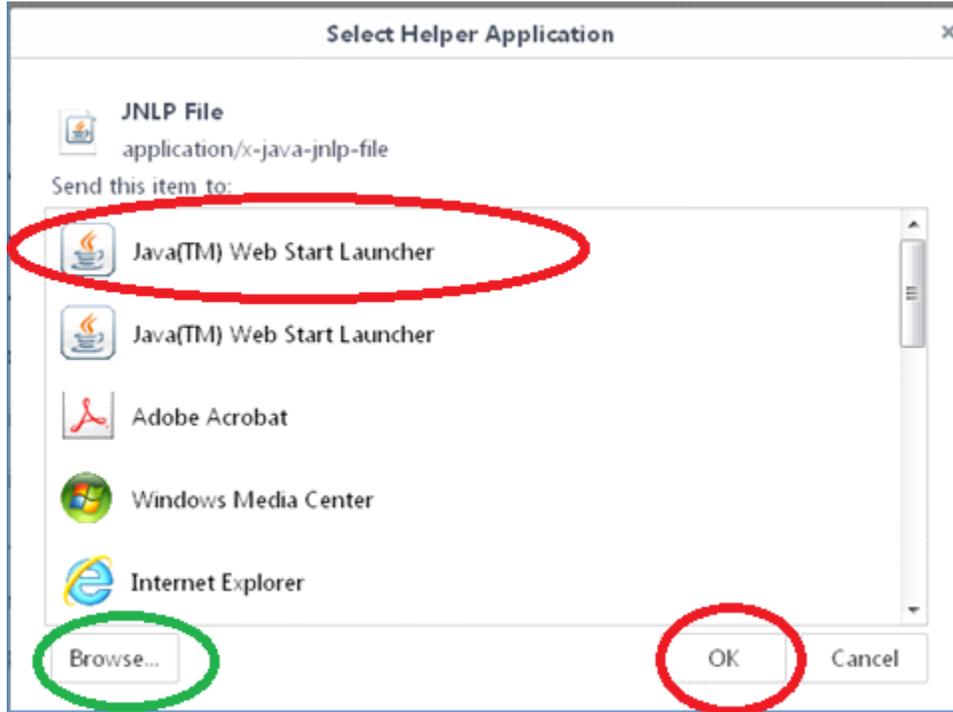


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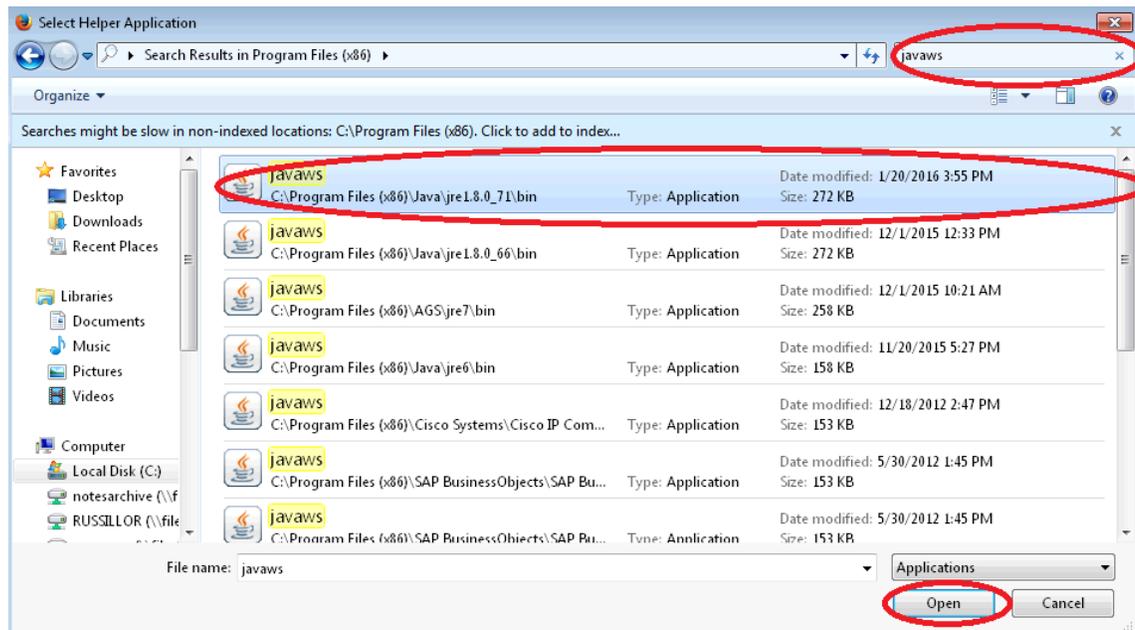
1. Click the .jnlp content type row, click the down arrow next to it, and click “Use other” to browse for the correct file type.



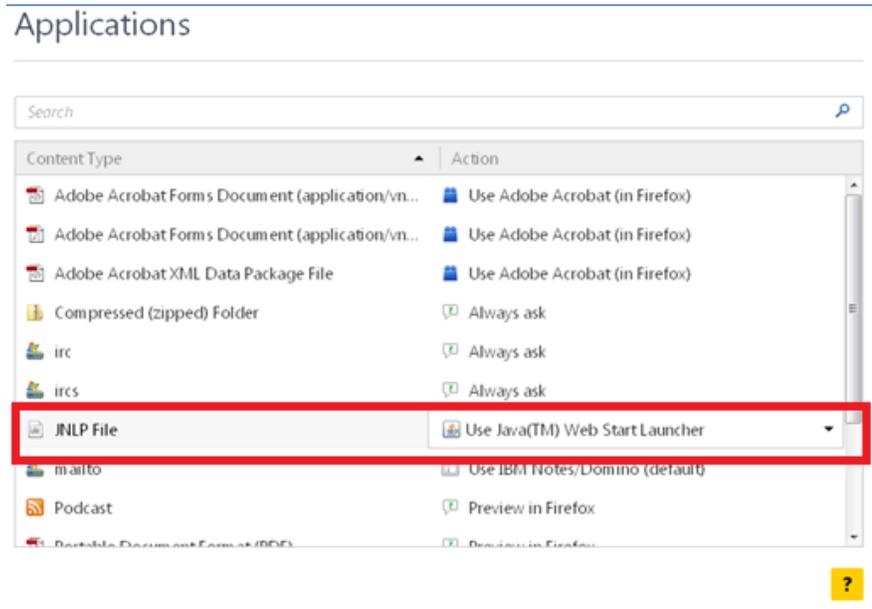
2. If the **Java™ Web Start Launcher** is displayed in the next screen, select it and click “OK”.



3. If the **Java™ Web Start Launcher** is not displayed, click the **Browse** button (circled in green above), browse for the file **javaws.exe**, select the latest version and click “Open”.



4. The latest version of the **Java™ Web Start Launcher** should now be assigned to jnlp files in the Firefox browser.



5. Now you can close the utility and when you next run k2jnlp, the **Java™ Web Start Launcher** should automatically launch the file and Appellate CM/ECF.

# Windows: Expected login sequences

## 1) Log in (Firefox, Chrome)

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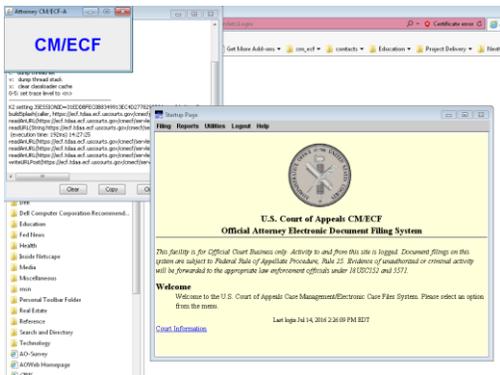
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## 2) In response to the security warning, click “Continue”. (Firefox, Chrome)



## 3) Splash screen displays (Firefox, Chrome)



## 4) To exit the application after you finish using it: (Firefox, Chrome)

- Click the Close box **X** in the top right corner of the small CM/ECF window.
- Close the browser.

