

Akshay Srivatsan's Browser

User Manual

Rafael Nadal - Wikipedia, t... x

http://en.wikipedia.org/wiki/Rafael_Nadal

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Summer of Monuments We need your help documenting history. »

Rafael Nadal

From Wikipedia, the free encyclopedia

"Nadal" redirects here. For other people, see [Nadal \(surname\)](#).


This name uses [Spanish naming customs](#): the first or paternal family name is [Nadal](#) and the second or maternal family name is [Parera](#).

Rafael "Rafa" Nadal Parera (Catalan: [ˈrafe ˈet na ˈðal pa ˈrera], Spanish: [ˈrafa ˈel na ˈðal pa ˈrera]; born 3 June 1986) is a Spanish professional tennis player currently ranked world No. 2. He is widely regarded as the finest clay court player in history^[a] and has been nicknamed "The King of Clay."^[b] His evolution into an all-court threat has established him as one of the best ever all-rounders in tennis,^[c] with some – including former world No. 1 [Andre Agassi](#) – considering Nadal to be the greatest player of all time.^{[22][23][24]}

Nadal has won 14 [Grand Slam singles titles](#), the 2008 Olympic gold medal in singles, a record 27 ATP World Tour Masters 1000^{[25][26][27]} and a record 15 ATP World Tour 500 tournaments. He was also a member of the winning Spain Davis Cup team in 2004, 2008, 2009, and 2011. In 2010, he became the seventh player in history and youngest of four in the [Open Era](#) to achieve the [Career Grand Slam](#). He is the second male player, after [Andre Agassi](#), to complete the singles Career Golden Slam. In 2011, Nadal was named the [Laureus World Sportsman of the Year](#).^[28]

Nadal and [Mats Wilander](#) are the only two players in history who have won at least two Grand Slam titles on three different surfaces—hard court, grass, and clay. By winning the 2014 French Open,^[29] Nadal became the only male player to win a single Grand Slam tournament nine times and the first to win at least one Grand Slam tournament for ten consecutive years, breaking the record of eight consecutive years previously shared by [Björn Borg](#), [Pete Sampras](#), and [Roger](#)

Rafael Nadal Parera



Rafael Nadal in 2014 French Open

Country	 Spain
Residence	Manacor , Balearic Islands, Spain
Born	3 June 1986 (age 28) Manacor , Balearic Islands, Spain

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Getting Started

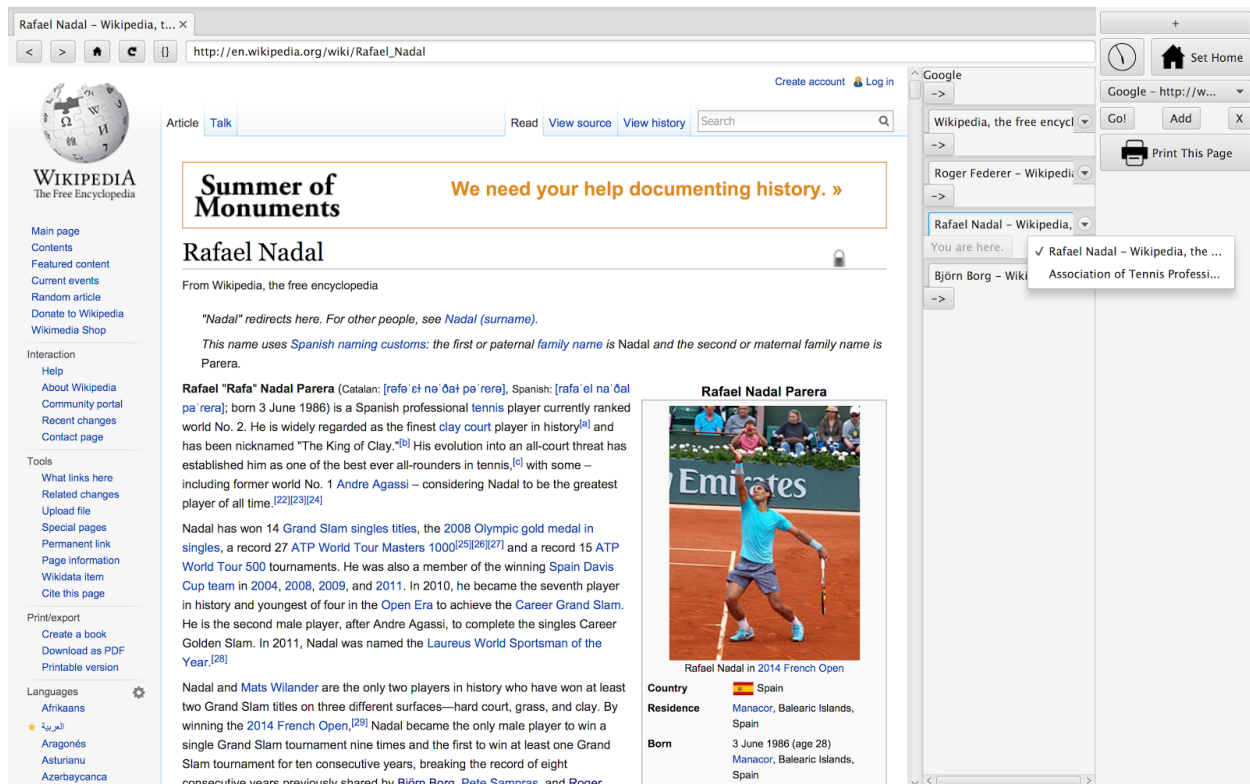
My browser is based off of JavaFX, so it won't compile properly in Java versions less than 8. I've included an application bundle to contain my app so that it can run without Java 8.

Navigating

To go to another website, type the URL or a Google search term into the address bar. The address bar can handle http, https, ftp, about, js, and javascript URL schemes.

Using History

Once you have navigated away from the home page, the back (" \leftarrow ") button will be enabled. The back and forward buttons will make a basic linear history if used as is, but once you start using the history sidebar, you have access to a branched history. At first, you will just see a linear history leading to your current location, with buttons to jump directly to a point in your history (" \rightarrow "). However, if you click the dropdown menu on the right of a point in your history, you will see other websites you navigated to from the same parent site. Clicking an item in the dropdown will bring that forward, showing all the websites you navigated to from there, with the option to jump into that branch of history. You can hide or show the history sidebar using \mathbb{N} -Y or the clock icon in the main sidebar.



Tabs

My browser also supports tabs, which are created using ⌘-N or ⌘-T. They can be closed using ⌘-W. Each tab has its own history tree. Links can be opened in new tabs by ⌘-clicking a link. Popups will automatically open in new tabs. There is also a new tab button in the upper right of the window (“+”).

Home Page

The home page in my browser is configurable, and will persist between sessions. The default home page is the English Wikipedia, but a new one can be set using the “Set Home” button. The home page is stored using the Java Preferences object (which, on a Mac, stores preferences in ~/Library/Preferences/com.appspot.akshay_srivatsan.plist).

Bookmarks

My browser also has persistent bookmarks. They can be accessed by selecting one through the bookmarks dropdown in the sidebar, then clicking “Go!”. Bookmarks can be added by clicking add, and deleted by clicking “X” and then “Confirm Delete.” These bookmarks are stored using the Java Preferences object (which, on a Mac, stores preferences in ~/Library/Preferences/com.appspot.akshay_srivatsan.plist).

Printing

You can print using ⌘-P or the “Print” button in the sidebar. This will open the system print dialog.

Web Inspector

To help web developers, the “{ }” button opens Firebug Lite (a Javascript/HTML/CSS debugger). Console messages (System.out) from Java appear as warnings here, and error messages (System.err) appear as errors.

Unfinished Features

There are two other features that I wanted to add to this browser, but didn’t have time to complete. One was persistent cookies. Currently, cookies are stored in memory, so they are deleted if the user closes the browser. I have written mostly finished code to store the cookies on the hard drive (along with the home page and bookmarks), but Java’s implementation of HttpCookie is non-serializable, so I couldn’t store all the data of a cookie. As a result, websites

ignored the incomplete cookies. The other feature I wanted to add was a global history. I had most of the code implemented, but it made the interface for history too confusing and sometimes glitched in unpredictable ways. Both of these features have been removed from my code for the version I am turning in.