



## **CLiCk Speak**

by Charles L. Chen

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CLiCk, Speak is an open source, freely available extension for the Firefox web browser. It is part of the CLC-4-TTS Suite of products, it features a mouse driven interface, and it reads web pages - hence its name.

Unlike [Fire Vox](#) which is designed for visually impaired users, CLiCk, Speak is designed for sighted users who want text-to-speech functionality. It doesn't identify elements or announce events - two features that are very important for visually impaired users but very annoying for sighted users.

## **CLiCk, Speak Features**

- Reading with a simple interface - CLiCk, Speak is designed to be as easy to use for sighted users as possible. The interface is completely mouse driven; there's no need to remember any key combinations. Reading through a page is as simple as placing the cursor and hitting the GO button; reading a selection is as easy as highlighting the text and hitting the SPEAK button.
- Multilingual support - CLiCk, Speak uses standard speech engine interfaces such as SAPI 5, Java FreeTTS, and ORCA. Any voice synthesizer that supports these interfaces can be used with CLiCk, Speak. Since there are many languages available for SAPI 5, this makes CLiCk, Speak an ideal tool for people who are trying to hear foreign language web pages because they can understand the spoken language easier than the written version, because they want to hear the language for practice, etc. CLiCk, Speak uses the "lang" attribute to determine the appropriate language to use; it will even work on pages where there are multiple languages being used as long as all the sections are marked properly. If you would like to try out this feature, you can go to this multilingual demo page at: [http://clickspeak.clcworld.net/multilang\\_hello.html](http://clickspeak.clcworld.net/multilang_hello.html)
- Close integration with Firefox - Because CLiCk, Speak works directly within the Firefox browser, it always provides users with a live view of the webpage, rather than a frozen snapshot which is what many other screen readers provide. This means that CLiCk, Speak has the ability to handle dynamic pages better.
- The best of Fire Vox - Like Fire Vox, CLiCk, Speak has support for the CSS 3 speech module and MathML. As new features are added to Fire Vox, if they will be useful to CLiCk, Speak users, they will be added to the system. Since Fire Vox and CLiCk, Speak come from the same product line architecture, features can be ported between them as long as the features are appropriate for the intended audience.
- Constant Evolution - I work hard to keep CLiCk, Speak up to date, enable it to support the latest web technologies, and to do an even better job on what it already does.

### **Download and install instructions**

1. [Download and install Firefox.](#)
2. [Download the current version of "CLC-4-TTS Suite with CLiCk, Speak - Bundle Pack" from the downloads page.](#)

3. Start Firefox and go to File, Open File. Then choose the file you just downloaded in the previous step.
4. Click the "Install Now" button on the window that pops up.
5. Restart Firefox. Congratulations, you've just set up CLiCk, Speak.




Note: If you want to get two additional voices, you can install the SAPI 5.1 SDK that is freely available from the Microsoft website from this web address. <http://clickspeak.clcworld.net/voices.html>

## 1. Introduction to its use

CLiCk, Speak uses the CLC-4-TTS library functions to provide text-to-speech capabilities for Firefox within Firefox itself. The code for CLiCk, Speak is open source and is licensed under the terms of the GNU GPL.

## 2. List of Commands

CLiCk, Speak features a mouse driven interface. You can access the commands either by clicking on their icons in the CLiCk, Speak Toolbar or by selecting them from the right click context menu. To enable/disable the CLiCk, Speak Toolbar: Goto "View", "Toolbars", and then check/uncheck "CLiCk, Speak Toolbar". To use the right click context menu, press the right mouse button to bring up the context menu, select the command that you wish to use, and then press the left mouse button to confirm your selection.

-  **[CLC] Speak Selection**  
CLiCk, Speak will say what you have selected.
-  **[CLC] Auto Reading Mode**  
CLiCk, Speak will read through the entire page, starting from your current position.
-  **[CLC] Stop Speaking**  
CLiCk, Speak will stop talking. This will also turn off Auto Reading mode.

## 3. Options

To choose the TTS engine you wish to use, start Firefox and go to Tools, CLC Speak TTS Selection. Please note that you must install the FreeTTS engine before you can use it; not doing so will result in an error. Also note that if you do not have a Windows operating system that has SAPI 5 (such as Windows 2000 or XP), then you will not be able to use the SAPI 5 TTS engine.

You can add the CLiCk, Speak icons to an existing toolbar instead of using the default CLiCk, Speak Toolbar. To do so, goto "View", "Toolbars", "Customize...". You can now drag and drop the CLiCk, Speak icons onto any toolbar that you would like.