# Flashcard for Chinese Characters User Guide

### Flashcard4cn

## Version 1.0

http://sourceforge.net/projects/flashcard4cn/

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Jonathan Luo jonathan.x.luo@gmail.com

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# **Prerequisites**

### 1. Operating System Unicode Support

In order to show Chinese characters, you need to enable Unicode support in your operating system. Please refer to your OS manual on how to enable Unicode support and install Chinese fonts and optionally Chinese input methods.

### 2. Java SE Runtime Environment (JRE)

JRE 6.\* is required to run flashcard4cn application. Flashcard4cn was entirely written in Java Swing. JRE 6.\* can be downloaded from http://java.sun.com/javase/downloads/index.jsp, The latest version is **JRE 6 Update 13** at the time of this writing.

Install JRE 6.\* to your computer according to its installation guide.

If you want to create flashcard4cn application from source code, you need to download JDK 6.\*.

# **Download Flashcard4cn application**

flashcard4cn binary and source code can be downloaded from http://sourceforge.net/projects/flashcard4cn/

The current package is in zip form, flashcard4cn-bin-1.0.zip (binary) flashcard4cn-src-1.0.zip (source code)

### Installation

Simply unzip downloaded package to a folder in your local hard drive. There is no additional installation step needed.

# Start the Flashcard4cn application

### Windows

Open Explorer, go to the unzipped folder for flashcard4cn-bin-1.0.zip, click startup.bat to launch Flashcard for Chinese Characters application. See Figure 1 for the start up screen.

If you cannot start the application, open startup.bat file, change the following line to point to your local JRE 1.6.\* (6.\*) path:

set PATH=C:\Program Files\Java\**jre1.6.0\_13**\bin;%PATH% java -jar flashcard4cn.jar

### Linux

Open a terminal, switch to unzipped folder for flashcard4cn-bin-1.0.zip, \$ java -jar flashcrad4cn.jar or

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\$ chmod u+x startup.sh

\$ ./startup.sh

This will launch the Flashcard for Chinese Characters application.

See Figure 1 for the start up screen.

### **Build Flashcard4cn from source**

In addition to JDK 6.\*, Apache Ant build tool is required to build flashcard4cn from source. Apache Ant can be obtained from <a href="http://ant.apache.org/">http://ant.apache.org/</a>. The latest ant version is 1.7.1.

Download flashcard4cn-src-1.\*.zip from <a href="http://sourceforge.net/projects/flashcard4cn/">http://sourceforge.net/projects/flashcard4cn/</a>. Unzip it to a directory in your local hard drive.

Make sure the following environment variables are properly set

#### Windows

```
set PATH=c:\sys\jdk1.6.0_12\bin;c:\sys\jdk1.6.0_12\jre\bin;c:\tool\ant-1.7.1\bin;%PATH% set JAVA_HOME=c:\sys\jdk1.6.0_12 set JRE_HOME=c:\sys\jdk1.6.0_12\jre
```

#### Linux

PATH=/home/jon/sys/jdk1.6.0\_12/bin:/home/jon/sys/jdk1.6.0\_12/jre/bin:/home/jon/tool/ant-1.7.1/bin

JAVA\_HOME=/home/jon/sys/jdk1.6.0\_12 JRE\_HOME=/home/jon/sys/jdk1.6.0\_12/jre export PATH JAVA\_HOME JRE\_HOME

Open a terminal, change to the unzipped directory. To create flashcard4cn executable, enter \$ ant jar

This generates executable and its depended libraries, configuration files under dist directory.

To start flashcard4cn application,

\$ cd dist

\$ java -jar flashcard4cn.jar [verbose]

verbose is an optional command line parameter, which tells flashcard4cn to print out additional information while it is running.

or

\$ startup.bat (Windows)

\$ chmod u+x startup.sh (Linux)

\$ ./startup.sh (Linux)

or you can build and start flashcard4cn application in one step

\$ ant run

\$ ant run-verbose (run with verbose mode)



Figure 1. Flashcard4cn startup screen

# How to play an already configured flashcard

Here are the few simple steps to run a pre-configured flashcard.

- Step 1. From Figure 1, select a desired flashcard from Flash Card drop down list
- Step 2. Set number of words per test, the default value is 3
- Step 3. Set Display in Seconds for each word, the default value is 3 seconds
- Step 4. Select the font you want from the available Font drop down box
- Step 5. Select the font size you want to display, the default value is 256 points
- Step 6. (Optional) Click the Contrast check box to change the contrast
- Step 7. Press Start button to start the flashcard playback



Figure 2. Run a selected flashcard



Figure 3. Run a selected flashcard (con't)

# **Configure Flashcard**

Select Tools >> Configure Flash Card ...

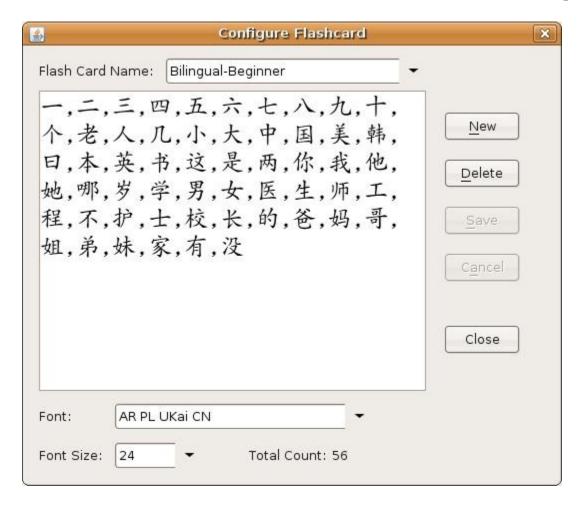
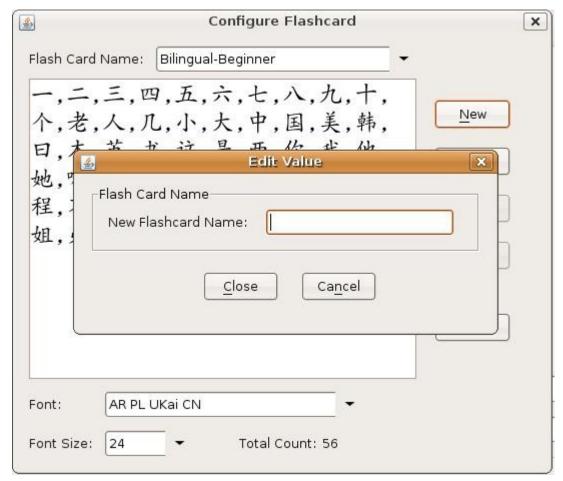


Figure 4. Flashcard4cn Configuration Window

## Create a New Flashcard



At Figure 4, click the New button

Figure 5. New Flashcard Name

At Figure 5, enter the new flashcard name

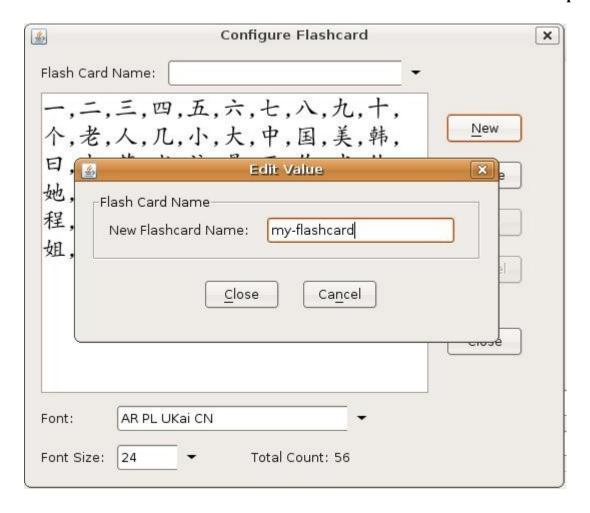


Figure 6. Enter a New Flashcard Name

As shown in Figure 6, my-flashcard was entered, click Close button



**Figure 7. Create New Flashcard Contents** 

Enter Chinese Characters (字或词组) into the content area, separate by a comma or space. While you enter the Chinese Characters, the Total Count gets updated automatically. In Figure 4, the Total Count of the Chinese Characters (字或词组) is 5.

Click Save button to save any any changes you have made.



Figure 8. Close New Flashcard Dialog

Click Close button to exit the new flashcard dialog.

# **Update an existing Flashcard**

Select a Flashcard you want to update from the Flash Card Name drop down list.

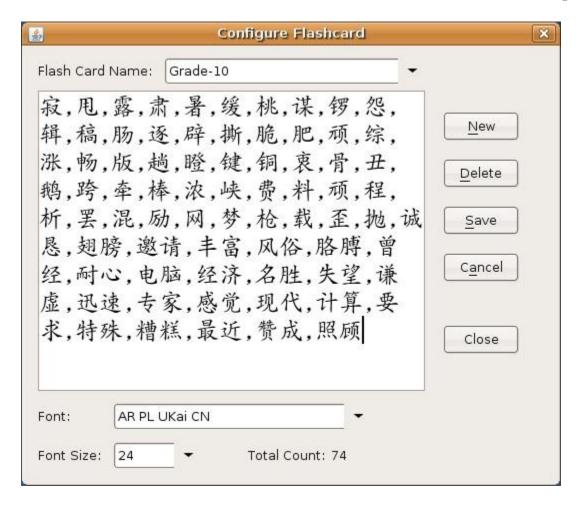


Figure 9. Update an existing flashcard

Now in the flashcard content area, you can add new Chinese characters, or remove some characters. Click Save button to save any changes you have made, or click Cancel button if you want to discard your changes.

# **Delete an existing Flashcard**

Select a Flashcard you want to delete from the Flash Card Name drop down list, click Delete button. A Deletion Confirmation dialog is shown, click Yes if you want to delete selected flashcard, click No if you want to cancel the deletion action. See Figure 10 and Figure 11.

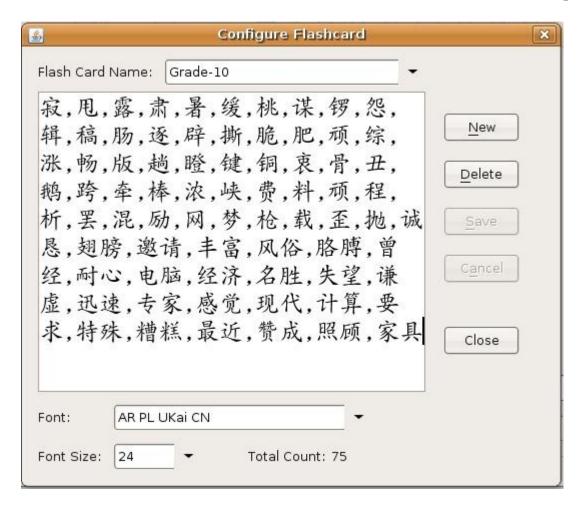


Figure 10. Delete an existing flashcard



**Figure 11. Deletion Confirmation** 

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