**Chamlian Armenian School**
**IT Department**
**Typing in Armenian Unicode**

# Overview:

The purpose of this document is to provide instructions for computer users at Chamlian Armenian School to enable typing in Armenian Unicode. This document will also guide the reader on enabling the same functionality on computers located off campus.

# What is Unicode?

Unicode is a computer standard used to ensure cross-platform compatibility of international text. Early versions of Armenian fonts (Arasan, Arial AM, etc.) required everyone viewing the text to have the same font installed on their computers. Armenian fonts that are built using the Unicode standard are universal: a document or webpage published using Armenian characters can be read by any computer (Windows, Mac, Linux) without the need for any modification.

# Setup:

Each Operating System (Windows 7, Windows Vista, Windows XP, and Mac OS X) requires a unique set of steps to enable typing in Armenian Unicode. Make sure to follow the instructions intended for your Operating System.

Also, prior to typing in Armenian Unicode (instructions provided below), disable any keyboard language switching program (KDWin, Hye Font, Armenian NLS, etc.) you have previously installed on your computer to avoid potential conflicts.

## *Windows 7/Vista:*

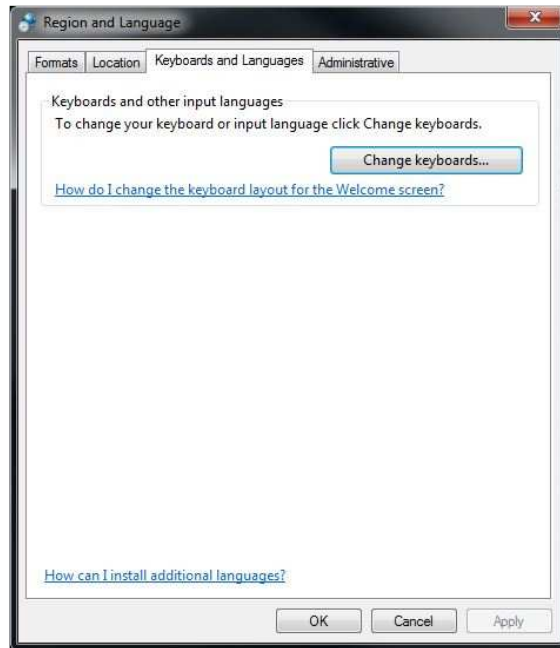1. Apply the **Windows** key and **R** simultaneously.

2. Type **intl.cpl** into the dialogue box which opens and click **OK**.

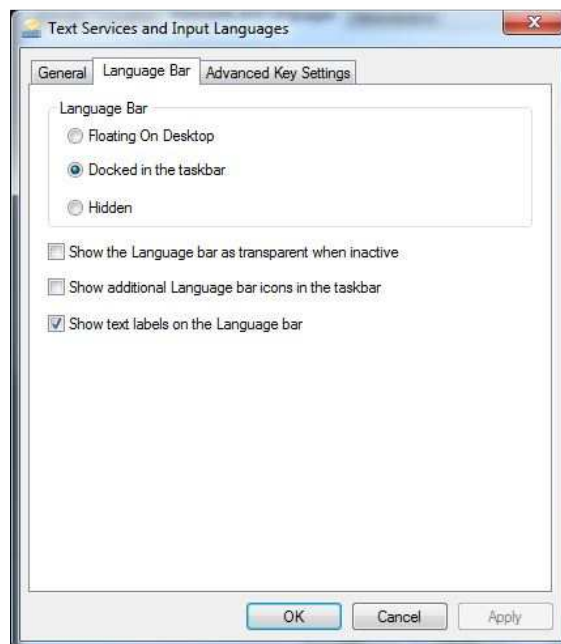3. Click the **Keyboards and Languages** tab and click **Change keyboards…**

4. Click **Add** from the **Installed services** section of the **General** tab. In the **Add Input Language** dialogue box which opens, scroll to **Armenian (Armenia)**, collapse the **Keyboard** menu and check **Armenian Eastern**, **Armenian Western**, or both based on your preference. Click **OK**. Note that the **Armenian Western** keyboard layout is identical to the Arasan font.
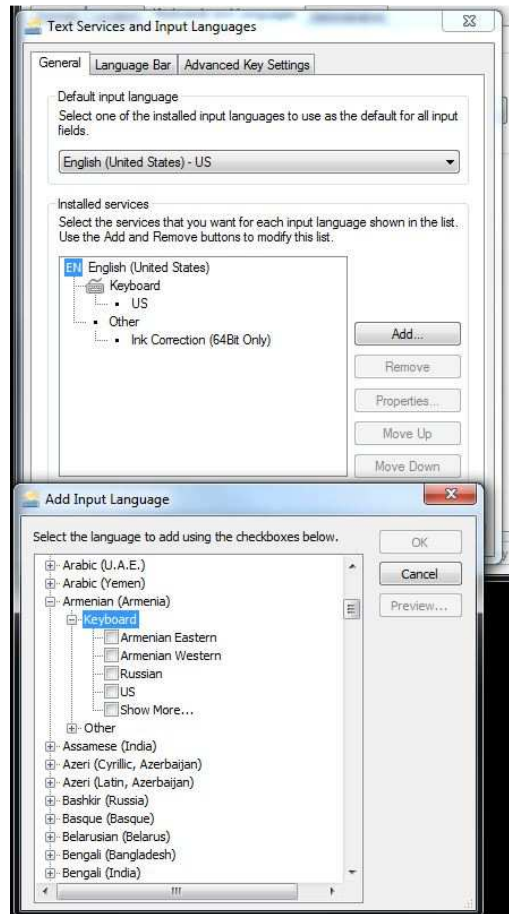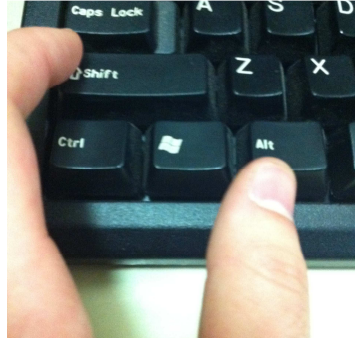
5. Click the **Language Bar** tab. Choose to have the language bar **Docked in the taskbar**. Also, check **Show text labels on the Language bar**. Click **OK**.

6. To type in Armenian, place the cursor in a text area and apply the **Left Alt** and **Shift** keys simultaneously to switch the keyboard to Armenian. Applying the same combination again will switch back to English. If both **Armenian Eastern** and **Armenian Western** are enabled, applying the combination will cycle between all three: **Armenian Eastern**, **Armenian Western**, and **English**. Note that the **text labels** on the **language bar** alter between **EN** (English) and **HY** (Armenian) when this combination is applied.
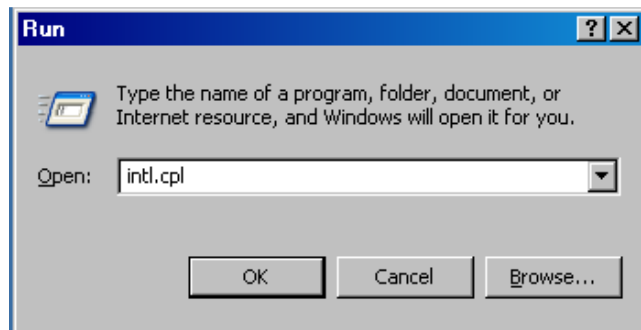
## Windows XP:

To enable this functionality on school computers, each user should start from step 5. The previous steps are already in place on school computers. Use them in order to enable this functionality on off campus computers.

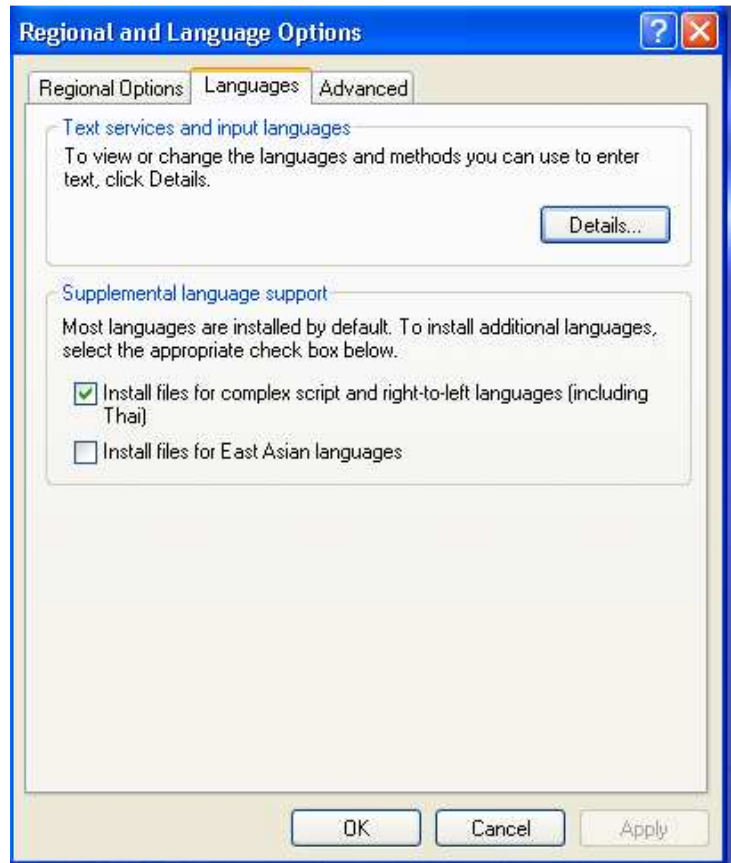1. Apply the **Windows** key and **R** simultaneously.



2. Type **intl.cpl** into the dialogue box which opens and click **OK**.

3. Click the **Languages** tab, check the box to **Install files for complex script and right-to-left languages (including Thai)**, and click **OK**.
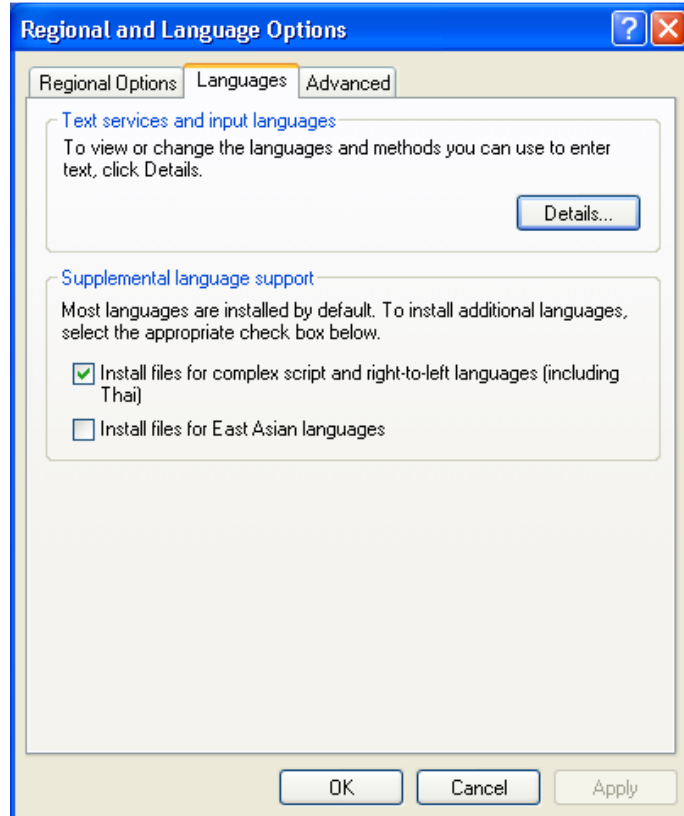
4. Insert the Windows XP CD and restart if prompted. Once the computer restarts, perform step 2 again.

5. Under the **Languages** tab and click the **Details** button.

6. Click **Add…** under the **Installed services** section of the **Settings** tab. In the **Add Input Language** dialogue box which opens, choose Armenian from the **Input language** drop down menu. Then, from the **Keyboard layout/IME:** drop down menu choose **Armenian Eastern**, **Armenian Western**, or both based on your preference. Click **OK**. Note that the **Armenian Western** keyboard layout is identical to the Arasan font.
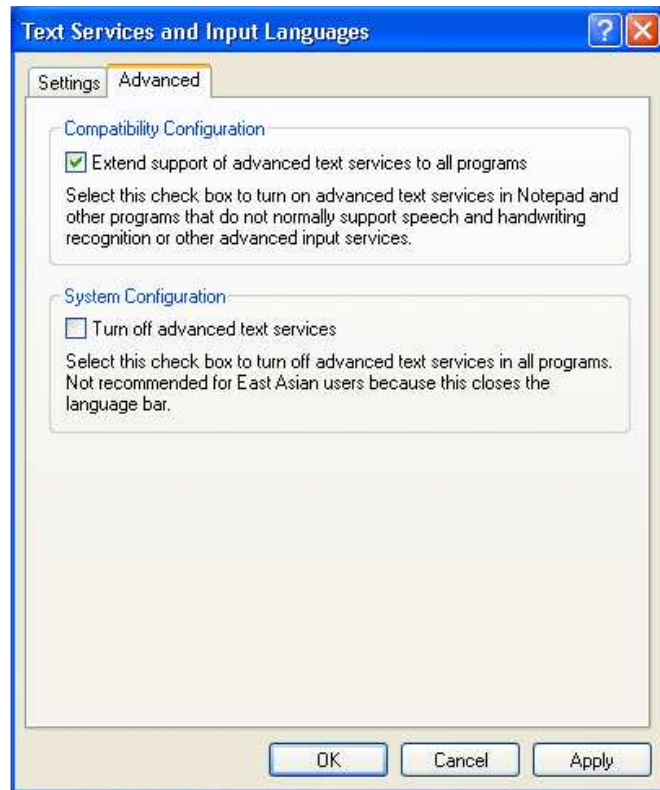
7. Click the **Language Bar…** button under the **Preferences** section of the **Settings** tab and check the **Show the Language bar on the desktop** and **Show text labels on the Language bar** boxes. Click **OK**.

8. Click the **Advanced** tab and check **Extend support of advanced text services to all programs** under the **Compatibility Configuration** section. Click **OK**.

9. To type in Armenian, place the cursor in a text area and apply the **Left Alt** and **Shift** keys simultaneously to switch the keyboard to Armenian. Applying the same combination again will switch back to English. If both **Armenian Eastern** and **Armenian Western** are enabled, applying the combination will cycle between all three: **Armenian Eastern**, **Armenian Western**, and **English**. Note that the **text labels** on the **language bar** alter between **EN** (English) and **HY** (Armenian) when this combination is applied.
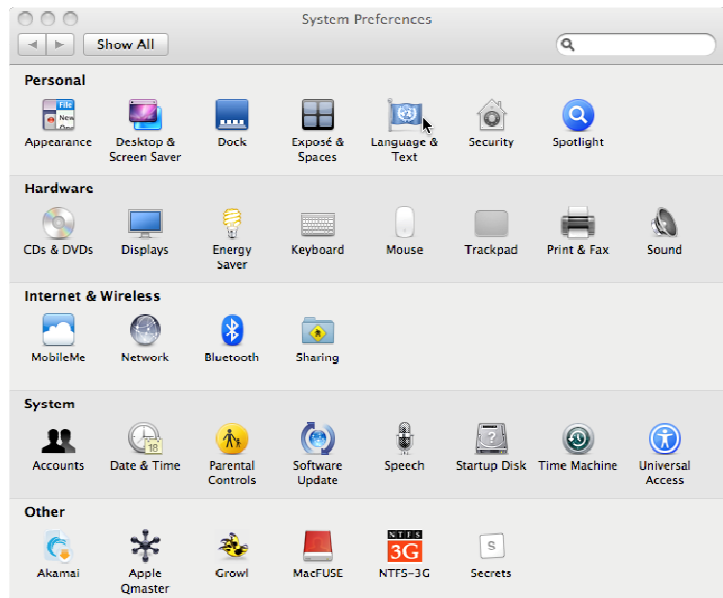
&
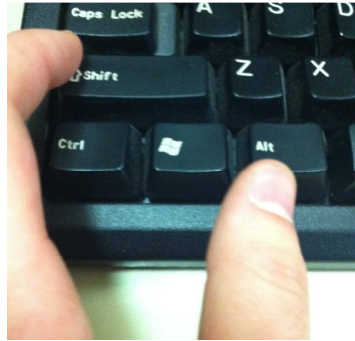
## *Mac OS X:*

1. Under the **Apple** menu, open **System Preferences**.
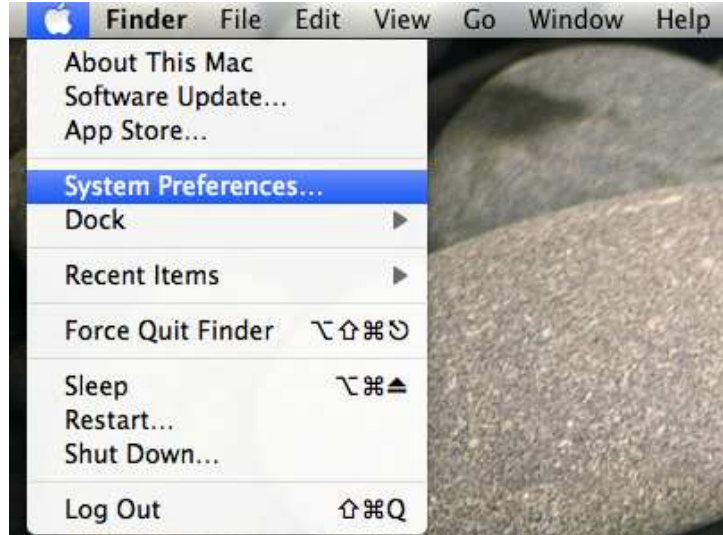
2. Click on **Language & Text.**

3.  Under the **Input Sources** tab, select **Armenian – HM QWERTY** (Eastern), **Armenian – Western QWERTY**, or both based on your preference. Close the window.
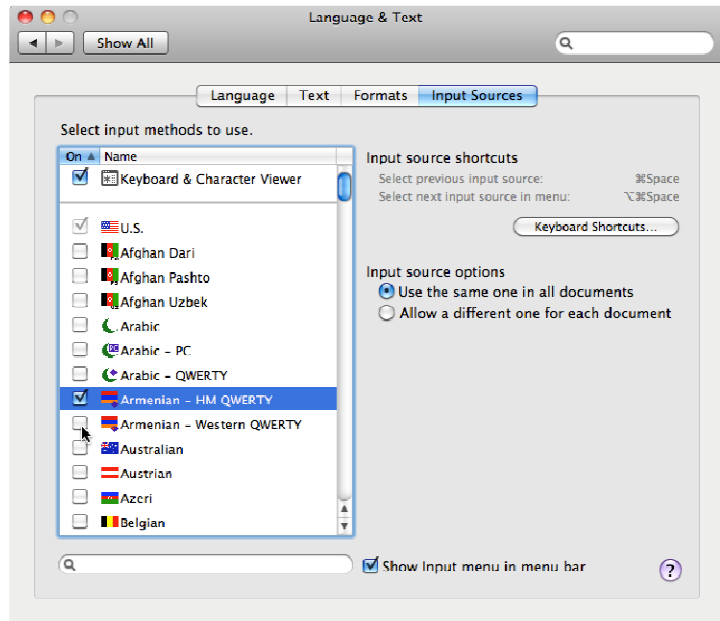
4.  To type in Armenian, place the cursor in a text area and click on the flag in the upper right of the screen. Click on **Armenian – HM QWERTY** (Eastern) or **Armenian – Western QWERTY**, depending on what you chose in step 3. To switch back to English, click on the flag again and chose **U.S.** Note that the flag of the country of the language you are typing in is displayed.

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