

## **Installation Guide for *Symfonia* v1.0 under Microsoft Windows**

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### **I. Introduction**

*Symfonia* is a next (2<sup>nd</sup>) generation spelling checker for Greek that comes as an add-on module for Microsoft Word for Windows. *Symfonia* offers more functionality and shows superior performance comparing to the conventional MS Word compatible spelling checkers. It principally accomplishes that: (a) by implementing sophisticated spelling error detection and correction techniques (including morphosyntactical rules based ones), (b) by optimizing the way unknown words are handled and (c) by relying on a constantly updated lexicon that features wide-coverage of the Greek language in both its modern and formal forms.

*Symfonia* version 1.0, although initially designed to be a standard Windows 98 software module, can equally run successfully under Windows Millennium, Windows 2000 and Windows XP versions of the Windows operating system.

However, *Symfonia*, like any other language-specific application, does require Windows (no matter what the version is) to have been setup for Greek language support allowance. Therefore, you have to make sure that Greek is fully supported by your current Windows system configuration, before you start installing *Symfonia*. Section IV of this document includes detailed instructions on how to do so in the various versions of Windows.

Furthermore, *Symfonia* ver. 1.0 has been designed to be efficiently integrated into Microsoft Word for Windows that is part of Microsoft Office 97 and Office 2000, (regardless of the Windows operating system version).

Indeed, to install *Symfonia* in Word 97 or Word 2000 under Windows 98/Me/2000/XP, you simply have to insert *Symfonia*'s CD-ROM into the CD-ROM drive of your computer and wait for a while until the automatic installation procedure gets started. Normally, this will easily get you to a successfully installed and fully functioning *Symfonia*. See section II for more details.

Whereas the installation of *Symfonia* in a Word 97 or Word 2000 environment could be as straightforward as described above, specific actions need to be taken when installing *Symfonia* in Word XP (that comes with MS Office XP). It should be emphasized at this point that *Symfonia* v1.0 does work equally well with Word XP as with Word 97 or Word 2000. The only difference is in the installation procedure. The reason is that Microsoft has altered the naming conventions for certain system folders of MS Office when moving from Office 97/2000 to Office XP. As a result, the auto-installation/setup program that is included in the *Symfonia* ver. 1.0 CD-ROM, which after all had been developed before Office XP was released, has trouble in identifying a valid Word installation, and eventually fails. To overcome this problem, you should obtain a new release of *Symfonia*'s installation program from ILSP's web site [http://www.ilsp.gr/products/symfonia/s\\_v10\\_setup\\_up10.zip](http://www.ilsp.gr/products/symfonia/s_v10_setup_up10.zip)). See section III for more information.

### **II. Installing *Symfonia* v1.0 in a Windows system with Word 97 or Word 2000**

First, make sure that your current Windows system configuration supports Greek language. If not, read section IV for relevant instructions. Ensure also that you have a fully working Word 97 or Word 2000 installation. Then, insert *Symfonia* v1.0 CD-ROM into your computer's CD-ROM drive. After a few moments the automatic installation procedure gets started. This, however, will not happen, if, for example, the auto-run feature of your CD-ROM drive has been deactivated. In such case you may manually run the setup.exe

program that exists in the CD-ROM by means of the Run option of Windows, that is: click Start, then Run; click on the Browse button afterwards to locate the setup.exe program, then click OK to run *Symfonia's* setup program. Normally, this will easily get you to a successfully installed and correctly functioning *Symfonia*.

### **III. Installing *Symfonia* v1.0 in a Windows system with Word XP**

To install *Symfonia* v1.0 in a Windows system with Word XP you must first obtain an update release of the setup program that is shipped with the CD-ROM of *Symfonia* v1.0. This update file can be downloaded from [http://www.ilsp.gr/products/symfonia/s\\_v10\\_setup\\_up10.zip](http://www.ilsp.gr/products/symfonia/s_v10_setup_up10.zip). The name of the file is `s_v10_setup_up10.exe`. Once you have downloaded the updated setup file to your PC's hard disk, continue as follows:

1. Your current Windows system must have been configured to support Greek language. Section IV of this document contains detailed information on how to do this.
2. Make sure that Word XP is installed on your PC and is fully operational.
3. Insert *Symfonia* v1.0 CD-ROM into your computer's CD-ROM drive. After a few moments the automatic installation procedure gets started, that is, the setup program contained in *Symfonia's* CD-ROM takes over. However, that setup program cannot identify Word XP and reports that neither Word 97 nor Word 2000 installation was found. Ignore that error message and/or any similar.
4. Locate `s_v10_setup_up10` program in your computer and double click it to run the updated setup of *Symfonia*. Alternatively, click **Start**, then **Run**; click **Browse** to specify the path of the updated setup program; click **OK** to start the installation. Then, follow the on screen instructions.

### **IV. Installing Greek language support in Windows**

This section includes detailed instructions on how to configure various versions of Windows operating system so that to support Greek language.

#### **IV.1. Greek language support in Windows 98/Me**

Windows 98/Me or higher includes all the necessary fonts and keyboard drivers that enable you to read, write and print (Modern) Greek on your PC. Follow the steps described below to activate the Windows built-in capability to support the Greek language.

1. First, you need to install the Multilanguage Support module for Windows 98/Me, if not already installed. This module contains a set of basic fonts and keyboard drivers for supporting a number of languages, including Greek. You will need the Windows 98/Me CD-ROM, or you will have to download the Multilanguage Support module from Microsoft's web site and follow the relevant installation instructions. If you have the Windows 98/Me CD-ROM, then follow these steps:

- Click **Start**, point to **Settings**, and click **Control Panel**. Double click the **Add/Remove Programs** in the Control Panel window, and then click the **Windows Setup** tab.
- In the Windows Setup dialog box, click **Multilanguage Support**, then click **Details**; select the **Greek Language Support** checkbox, and click the **OK** button. This should start the installation of the Multilanguage Support module for Modern Greek.
- Restart your computer when you are asked to. When your computer starts you should be able to view Greek (e.g. on the Web). To be able to also type Greek, you have to complete the installation of the Greek keyboard driver as explained below.

2. To install the Greek keyboard driver do the following:

- Go to **Control Panel** and double click **Keyboard**. Then click the **Language** tab.
- In the **Installed keyboard languages and layouts** section of the Language dialog box you should be able by now to see at least two languages: English and Greek. If, however, you do not see Greek, click the **Add...** button and select **Greek** from the list. You should now see **Gr Greek**. Highlight **Gr Greek** (click it), and then click the **Properties** button.
- In the Language Properties dialog box set keyboard layout to **Greek**. At this point we in effect choose the keyboard driver, which determines the arrangement of the Greek letters on the keyboard keys (keyboard layout).
- There are two more steps, before you click the **OK** button: To switch languages on the keyboard choose one of the **Left Alt+Shift** and **Ctrl+Shift** key combinations. Also, if you check on the **Enable indicator on taskbar option**, you will be able to see which is the currently active keyboard language.
- Click the **OK** button to complete the installation of the keyboard driver for Greek.

#### IV.2. Greek language support in Windows 2000

To activate Greek language support in Windows 2000, proceed as follows:

1. Install the Windows 2000 support module for the Greek language, if it is not already installed:

- Click **Start**, point to **Settings**, click **Control Panel**, and then double-click the **Regional Options** icon.
- On the **General** tab, under **Language settings** select the check box next to the Greek language.
- To complete the installation of the selected language, you must insert the Windows 2000 CD-ROM.
- Restart your computer when Windows 2000 prompts you to do so.

2. Install Greek as one of the input locales of Windows 2000:

- Click **Start**, point to **Settings**, click **Control Panel**, and then double-click the **Regional Options** icon or **Keyboard** icon (click **Regional Options** or **Keyboard** if they are displayed as menu options rather than icons).
- On the **Input Locales** tab, click the **Add** button.
- In the **Add Input Locale** dialog box, set **Greek** as the input locale (language) and select **Greek** as the keyboard layout.
- In the **Hot keys for the input locales** section select the desired key combination for switching between the installed input locales.
- Select the **Enable indicator on taskbar** check box to be able to see the active input language.
- Click the **OK** button to complete Greek input locale installation.

To complete any of the above procedures you must have been logged in as an administrator user or as a member of the Administrators group.

#### IV.3. Greek language support in Windows XP

To activate Greek language support in Windows XP, carry out the following:

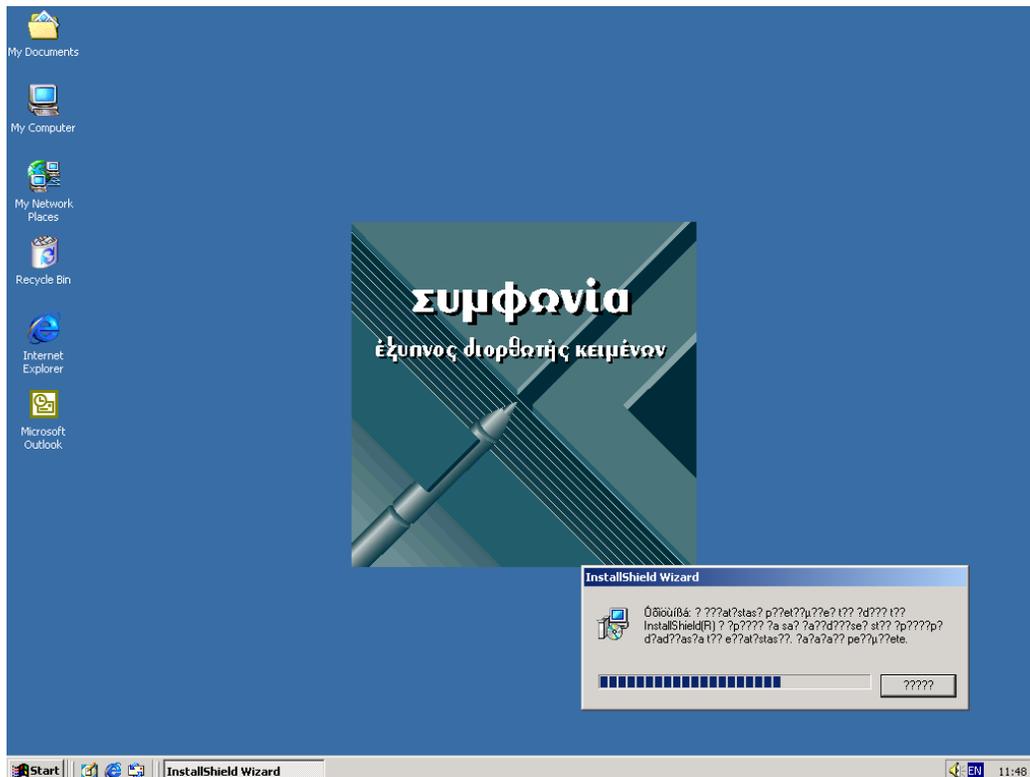
- Click **Start**, then open **Control Panel**; double-click on the **Regional and Language Options** icon of the control panel window.
- Select the **Languages** tab and click on the **Details** button. This makes the **Text Services and Input Languages** dialog to appear on screen. Under the **Settings** tab of that dialog, set the **Default Input Language** to Greek by selecting the “Greek-Greek” entry from the drop down list shown. Next, click **Add** button and then click **Apply** button. To complete the installation of the selected language you may be

asked to insert the Windows XP CD-ROM. Most languages (including Greek), however, are normally installed by default in Windows XP.

- Click **Key settings** button to select the desired key combination for switching between the installed languages.
- Click **Language bar** button to be able to see the active input language on the taskbar.
- Click the **OK** button to complete Greek language installation.

#### IV.4. Installation Problems on Windows systems without Greek language support

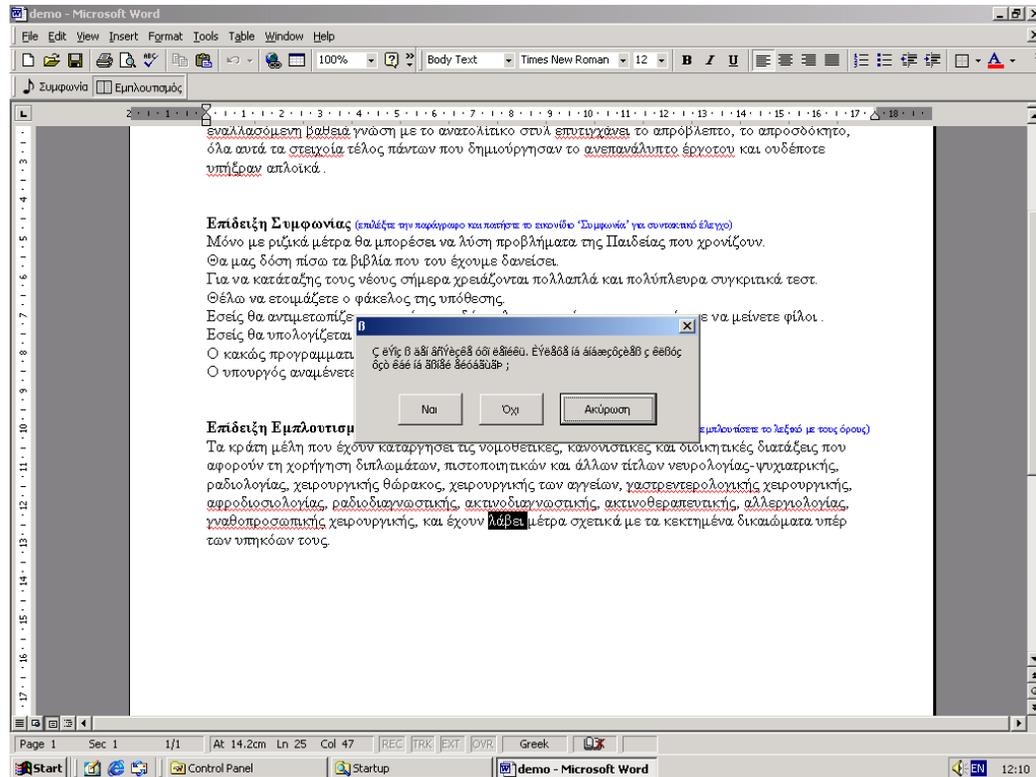
Please note that failing to setup your Windows system so that to support Greek may render the dialog boxes that *Symfonia* pops up on screen, either while being installed or while running, incomprehensible altogether. This is because *Symfonia*'s user interface is principally in Greek. Examples of *Symfonia*'s dialog boxes with unreadable content are depicted in Figures 1-3 that follow. These figures summarize typical cases where the greek text contained in *Symfonia*'s dialogs cannot be successfully displayed by Windows systems that have not been configured to support Greek language. That is, when you get such screens, then install or re-install Greek support in your computer.



**Figure 1.** Characters contained in *Symfonia*'s installation dialogs are unviewable in a system without Greek language support.



**Figure 2.** Even without Greek language support enabled, *Symfonia*'s installation completes seemingly without errors. However, the shortcut's name of the demo Word document that *Symfonia* creates on your desktop after the installation completion is not recognizable.



**Figure 3.** You may run *Symfonia* in a system lacking Greek language support, but you will not be able to read the content of the various dialogs that appear on screen while *Symfonia* is running.