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# INSTALLATION GUIDE



Installation Guide for the Nepali Spell Checker  
and Libre-Office spellchecking extension  
released on July, 2013.

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# Introduction

This document contains Installation Instructions for the July, 2013 release version of the standalone Nepali Spell Checker.

## Installation Prerequisite

### HARDWARE REQUIREMENTS

Memory: 512 MB or above

### SOFTWARE REQUIREMENTS

#### Basic Settings

- |                                 |   |
|---------------------------------|---|
| 1. Operating System:            | Any standard Linux distribution             |
| 2. Language Settings:           | Nepali Unicode Keyboard Layout preinstalled |
| 3. Font Settings:               | By default Mangal font, else any Nepali     |
| Unicode Compliant font machine. | needs to be preinstalled in the             |

#### Modules Required

The following modules are required for the Spell Checker to work. These can be easily installed using your standard Linux package manager. An alternative is to use the following command in your Linux terminal:

*For Ubuntu distributions: **sudo apt-get install [package-name]***

1. **libhunspell-dev**
2. **python2.7-dev**
3. **python-qt4**
4. **ibus-qt4** (*only required for ibus support*)
5. **python-setuptools**

## Installation

### INSTALLING THE STANDALONE SPELL CHECKER

Please follow the following steps in order to use the Standalone Nepali Spell Checker:

1. Open up your terminal.

2. Type the following command to download the Spell Checker:

```
$ wget https://github.com/akshaylb/nepali-spellchecker-v2/archive/master.tar.gz
```

3. Untar the tar file by typing in:

```
$ tar xvzf nepali-spellchecker-v2.tar.gz
```

4. Type the following to Install the regex module:

```
$ sudo easy_install regex
```

5. Navigate to the directory extracted from the download tar file. This would be named 'nepali-spellchecker-v2' by default

```
$ cd nepali-spellchecker-v2/
```

6. Navigate into the *pyhunspell* directory and type in the following command to install pyhunspell:

```
$ cd pyhunspell/  
$ sudo python2 setup.py install
```

7. Navigate to the *src* directory and *make* to run the Spell Checker

```
$ cd ../src  
$ make
```

## INSTALLING THE LIBRE EXTENSION

Please follow the following steps to enable Nepali spell checking enabled on Libre-Office:

1. Install Libre; if not installed on your machine following steps from Libre-Office help<sup>1</sup>.
2. Download the file using

```
$ wget https://github.com/akshaylb/nepali-spellchecker-v2/raw/master/Libre-extension/ne_NP.oxt
```

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<sup>1</sup><https://www.libreoffice.org/get-help/installation/linux/> .

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3. Double click on 'ne\_NP.oxt'

# Uninstallation

To uninstall the application simply remove all the files extracted from the downloaded tar file, as well as the tarball itself.

```
$ rm -rf nepali-spellchecker-v2  
$ rm nepali-spellchecker-v2.tar.gz
```

To uninstall the Libre Nepali spell checking extension follow the following steps:

1. Open Libre-Office
2. Goto **Tools** -> **Extension Manager**
3. Uninstall 'Nepali Spell Checking Extension' from the displayed window.