

SUSE Installation Guide version 1.0

The objective of this guide is to help the less used to the Linux operating system to install the Suse 10.0, operating system recommended to work in the development of Soccer Simulation 2D and soccer simulation 3D teams.

1- Downloading the SUSE Installation:

Download the SUSE 10.0 from one of the mirrors in:

http://www.novell.com/products/suselinux/downloads/ftp/mirrors_isos.html

Pay attention in the version (32 or 64 bits).

Download the CDs or DVD images of SUSE 10 and burn using you favorite CD/DVD burning program (like Nero, for example).

2- Preparing the HD to receive SUSE

a) If you use Windows only, or if you want to keep your current Linux installation, use a partition management software (like Partition Magic, for example) to free at least 6Gb to install SUSE.

b) If you already have Linux and want to override it with SUSE, don't mind with the partitions, SUSE will override your current Linux installation by default.

3. Configuring the Installation

Insert the CD 1 or the DVD in you drive, restart yor computer (your computer BIOS must be configure to boot from the CD/DVD first) and follow the following steps::

3.1- In the menu, choose Install

3.2 – In the screen “Language” choose English (US) and click <Next>

3.3- In the screen “License Agreement” mark “Yes, I Agree to the License Agreement” and click <Next>

3.4- In the screen “Installation Mode” choose “New Installation” and click <Next>

3.5- In the screen “Clock and Time Zone” select you Time Zone and click <Next>

3.6- In the screen “Desktop Selection” select “GNOME” and click <NEXT>

3.7- In the screen “Installation Settings” Verify the partitioning proposal (“Partitioning”) and click in “Software”.

3.7.1- In the new screen Select:

Graphical Base System
GNOME System
C/C++ Compiler and Tools
GNOME Development
Java

3.7.2- Change the “Filter” from “Selections” to “Search”. Search for (one by one):

ruby
glut
opengl

And select all the results from the search. Click <Accept>

3.7.3- In the screen “Changed Packages”, click <Continue>

3.7.4- Back in the screen “Installation Settings”, click <Accept>

3.7.5- In the new screen “Confirm Package License Flash Player”, click <I Agree>

4. Installing SUSE

Until now, nothing in your HD was changed, or, in other words, nothing was lost and you may still quit. From now, the SUSE installation will change the contents of your HD.

Before proceeding, did you verify the partitioning proposal (Item 3.7)? If you are sure and ready to go, in the screen “Confirm Installation” click <Install>.

If you are using the DVD installation, just wait. If you are using the CDs, then just change the CDs when needed.

5. Final Configuration

Some more steps and your SUSE will be ready:

5.1- In the screen “Password” type the password for the root user (take note or memorize the password) and click <NEXT>

5.2- In the screen “Network Configuration”, if you network isn’t DHCP, or in other words, if you have a fixed IP, click in “Network Interfaces” and then click “Edit” and configure your network. Click <NEXT>

5.3- You can choose to test or not your connection. Click <NEXT>

5.4- Do not do the “Online Update” yet, select “No, Skip Update” and click <OK>.

5.5- In the screen “User”, as “Authentication Method”, choose “Local (/etc/passwd)” and click <Next>

5.6- In the screen “New Local User”, create a user and **do not** left “automatic login” selected. Click <Next>.

5.7- In the screen “Release Notes”, read, if you want, and click <Next>

5.8- In the screen “Hardware Configuration”, click <Next>

Congratulations, you have SUSE 10.0 installed.

In the Logon screen just enter with the user “root” and then with the password that you defined (item 4.1), do you remember the password, don’t you?

If something goes wrong, or if you think that more info must be added to this guide, please send an e-mail full of details to jackson@ita.br.

This installation guide was written by the Professor Jackson Matsuura, Manager of the Robotic Competitions Team of ITA – ITANDROIDS, with the goal of help in the development of new teams for the Soccer Simulation 2D and Soccer Simulation 3D.

Fell free to distribute, since no modifications are made.

The up-to-date version of this guide is available at the ITANDROIDS site:

<http://www.ele.ita.br/~jackson/itandroids/guias.html>

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