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Choregraphe suite - Installation Guide

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Choregraphe requirements

Hardware

Minimum:

A computer connected to a WiFi access point, with:

- 1.5 GHz CPU
- 2 GB RAM
- a certified OpenGL graphics card

Recommended:

A computer connected to a WiFi access point, with:

- 3.4 GHz CPU
- 16 GB RAM
- a certified OpenGL graphics card

Supported Operating Systems

OS	Version
Linux	Ubuntu 16.04 Xenial Xerus - 64bits only
Windows	Microsoft Windows 10 **64bits**
Mac	Mac OS X 10.12 Sierra

Installing Choregraphe suite

Step	Action
1.	Make sure you have logged on: - as Administrator or - as a user with Administrator privileges (using sudo on Linux).
2.	Retrieve the **Choregraphe** installer according to the Operating System of your computer:

Step	Action
	▪ `choregraphe-suite-x.x-linux32-setup.run` ▪ `choregraphe-suite-x.x-linux64-setup.run` ▪ `choregraphe-suite-x.x-mac64-setup.dmg` ▪ `choregraphe-suite-x.x-win32-setup.exe` You can download the latest release from **Developer Center** website. For further details, see: Downloading & Installing SoftBank Robotics Software.
3.	Double-click the file to start the installation. **Linux only** Check you have execution permissions first, or run: `'sudo choregraphe-suite-x.x-linux{32,64}-setup.run'`
4.	Accept the license agreement and follow the wizard steps.

> **Note**
>
> **Windows only**
>
> If not yet installed on your computer, the wizard installs also **Bonjour**, a tool conceived by Apple.
>
> **Linux only**
>
> You may experience problems with graphical acceleration if you do not have appropriate drivers.
>
> In this case, use:
>
> `./choregraphe --no-ogre`

Windows only: check C++ Redistributable Packages

On windows 10, make sure you have installed:

Step	Action
1.	Microsoft Visual Studio C++ 2010 x64 Redistributable Package You can download the `vcredist_x64.exe` package here:: Microsoft Visual C++ 2010 Redistributable Package (x64).
2.	Microsoft Visual Studio C++ 2013 Redistributable Package (x64) You can download the `vcredist_x64.exe` package here: Microsoft Visual C++ Redistributable Packages for Visual Studio 2013.

Deploying Choregraphe

To deploy **Choregraphe** on several computers, use the installer in command line with the following parameters:

Linux

```
$ sudo choregraphe-suite-x.x-linux{32,64}-setup.run --mode
```

Windows

```
$ choregraphe-suite-x.x-win32-setup.exe --mode unattended
```

Mac

```
$ sudo open choregraphe-suite-x.x-mac64-setup.app --args
```