NARMS P2P

Development Installation Manual

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Swordfish

# Change history

Here you would provide a history of changes made to the document. Only for big documents, only if needed.

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| 17/02/16 | 1.0 | Jeremy Harrault | All | Frist version |

# Pre-requisite

* Virtual machine (VirtualBox: <https://www.virtualbox.org/wiki/Downloads>)
* Linux image (openSuse: <http://software.opensuse.org/421/en>)
* Tool to mount virtual disk (PowerISO: <http://www.poweriso.com/download.php>)

In this manual, I’m going to use the tools indicated above. You are free to use others but the success of the installation is not guarantee anymore.

# Installing your virtual machine

1. Mount your Linux image on drive using PowerISO.
2. Launch Virtual box and create a new virtual machine. Create a new virtual hard disk (with at least 16GB)
3. Indicate the hard disk and the image to use to your virtual machine.
4. Launch your virtual machine.
5. Install openSuse.
6. Log in openSuse
7. Execute the following set of command in your home directory and follow the instruction for each of them.

$> mkdir NARMS; cd NARMS # create and enter you work folder

$> sudo apt-get install git # install git

$> git clone <https://github.com/JU-SPARCS/NARMS.git> # get NARMS GIT repository

$> sudo apt-get install ruby2.2-devel # install ruby2.2 for developers

$> sudo ln -s /usr/bin/ruby.ruby2.2 /usr/bin/ruby # set ruby with the version 2.2. This can be also be made using rvm.

$> sudo gem install padrino # install padrino

$> sudo ln -s /usr/bin/padrino.ruby2.2 /usr/bin/padrino # create shortcut for padrino

$> sudo apt-get install gcc #install gcc compiler

$> sudo gem install json -v ‘1.8.3’ # install json module

$> sudo apt-get install libmysqlclient-dev # install mysql librairies

$> sudo gem install mysql2 -v ‘0.4.2’ # install mysql

$> bundle.ruby2.2 install # install all needed dependencies

1. Add environment files in the root of the project. They contain databases information.
2. Launch the following command

$> sudo service mysql start # start the mysql server

$> cd NARMS/project # enter the project folder

$> rake ar:setup # set up the database. Ignore the input texts for seeding

$>; padrino start # start the server