User's guide

Defuze.me – EIP 2012

Information

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Redaction and modifications

Version	Date	Names	Description
1.0	09/03/2011	Adrien Jarthon Arnaud Sellier Alexandre Moore Jocelyn De La Rosa Athéna Calmettes Luc Pérès François Gaillard	◆ First version
2.0	06/04/2011	Adrien Jarthon	◆ Linux installation
2.1	15/04/2011	Athéna Calmettes	◆ FAQ
3.0	29/04/2011	François Gaillard	◆ Mobile application removal guide
3.1	09/05/2011	Adrien Jarthon	◆ Formatting
3.2	08/06/2011	Jocelyn De La Rosa	◆ English Screenshots
3.3	10/06/2011	Athéna Calmettes	◆ Keywords added

3.4	13/06/11	Luc Pérès	◆ Mac OS X installation

Contents

1 - Document Summary

This document is the official installation and usage documentation of the software defuze.me. There are describes :

–   all the installation and removal processes of the software, on Windows, Mac OS and Linux ;

–   the usage of tools : queue list, audio reader, mixer, planning, etc. ;

–   the website functionality, from user's account creation to planning an event for a radio ;

–   installation and usage of the mobile software.

2 - Introduction

Defuze.me is a radio broadcasting software designed to give radios an intuitive management tool for queue lists and appropriated panning. This tool impacts terrestrial radios and smaller internet radios.

Defuze.me is also :

- – a web service which allows radios to easily get songs being currently broadcasted on their website ;
- – an administration interface which allows distant radio planning ;
- – a mobile software for tablets which allows to remotly control the radio.

3 – Installation guide

3.1 - Client
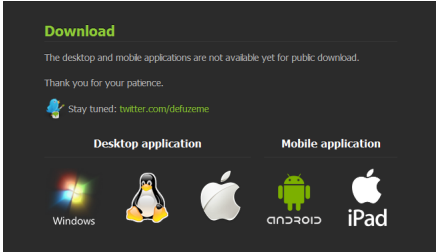
Linux installation

The linux version of the client application can be easily installed on any debian-based distributions.

Two methods are available:

- A graphical installation using package manager (recommended)

- A command line installation

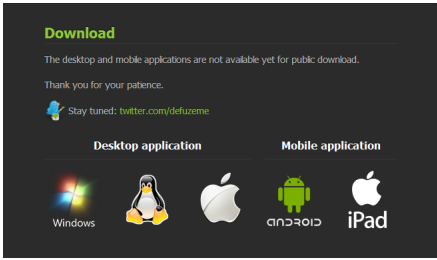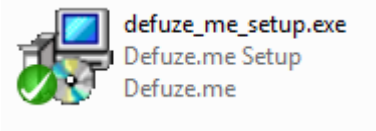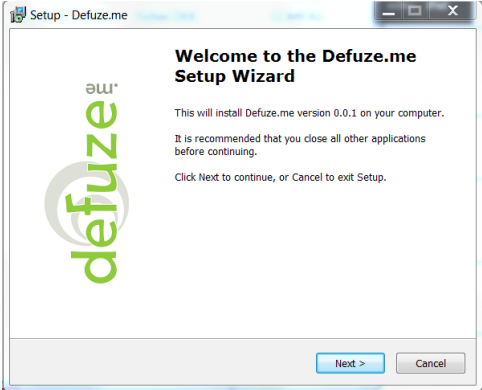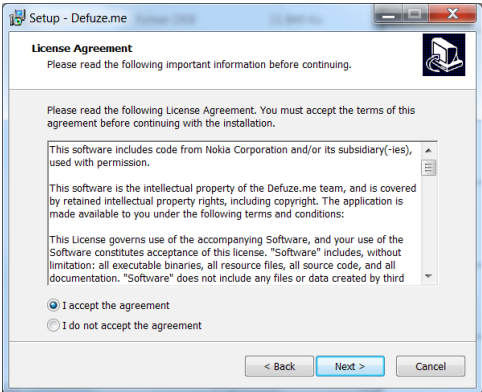## Graphical installation using package manager

Description	Picture	Status
First, you have to download the .deb packet according to your computer on http://defuze.me/download .		
You just have to double-click on the previously downloaded .deb file. The package manager should start. If your system does not know how to handle this file, try the second method (command line) .	defuzeme-0.1.0-i386.deb	
Then click on "Install package" and wait during installation.		
If the installation is successful, you should see a window like this:		
Finally to run the client, open a console and type the command "defuzeme" in a "Terminal".		

Command line installation

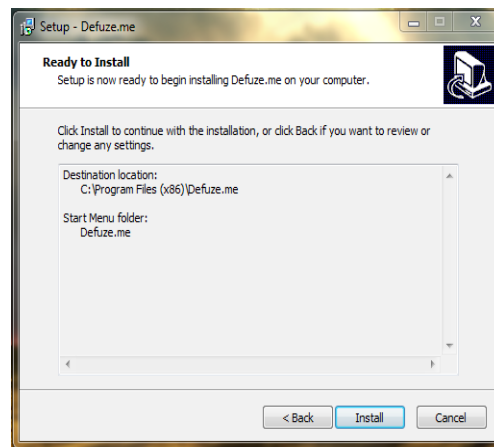| Description	Picture	Status

To install the software using command line, start by opening a console in the folder where you have downloaded the package.
 	
Next execute the two following commands (replace the file name by the one you downloaded of course):
	`sudo dpkg -i defuzeme-0.1.0-amd64.deb`
	
	`sudo apt-get install -f`	

Then to launch the sofware, execute the command-line "defuzeme" like below :	`defuzeme`	

Windows installation

Description	Picture	Status
First, you have to download the .exe file according to your computer on http://defuze.me/download .		
The setup is available in both English and French. First, double-click on the defuze_me_setup executable		
On Windows Vista and Windows 7, you may be ask for an authorization. Confirm by clicking 'Yes'.		
In the next window, choose the setup wizard language. That choice does not select the language of the software once installed.		
The setup wizard main window appears. You can go through the setup by clicking 'Next' and 'Back' buttons.		
On the 'Licence agreement' step, you have to accept the contrat before to continue the installation.		

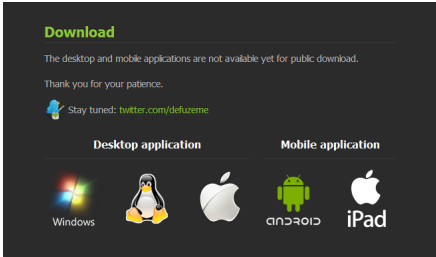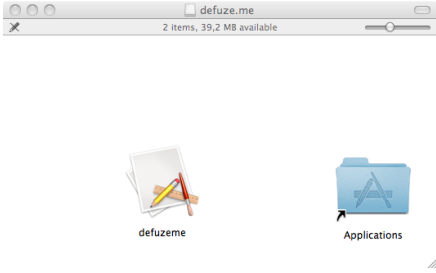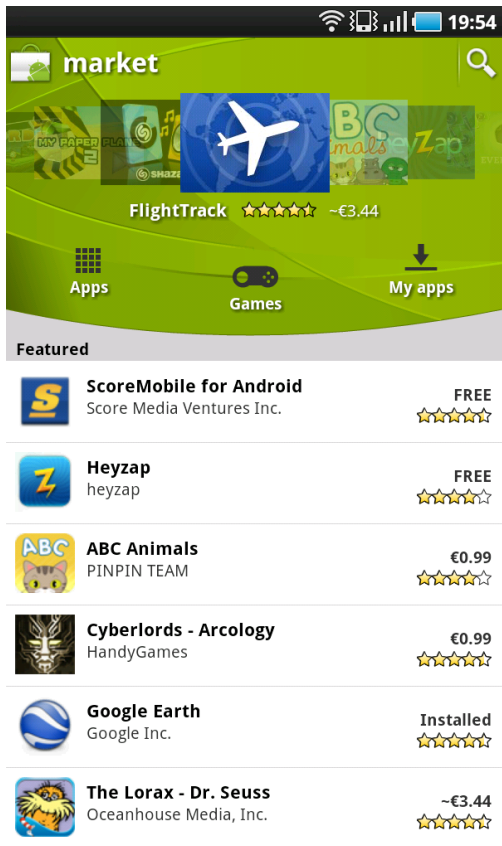|		
The last step show a summary of the setup. Click 'Install' to launch the installation. It may take a few minutes.		
Once done, click 'Finish' to quit the wizard and launch defuze.me.		
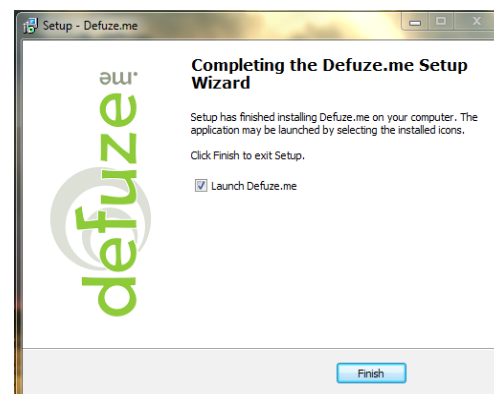
Mac OS X installation

Description	Illustration	Statut
First, you have to download the .dmg file according to your computer on http://defuze.me/download .		
First, double-click on the downloaded file defuzeme.dmg	defuzeme.dmg	
In the opened window, drag the defuzeme icon on the Applications folder.	defuzeme Applications	
Start the software form the Appications folder.	defuzeme	

3.2 – Mobile application

The installation process of this application is really easy. You just have to copy the .APK file on the peripheral and launch it. You can find this file here : http://defuze.me/download. The application will be present on Android Market soon.

Android peripherals setup

Description	Illustration	Statut
Open "Android Market" already present on your device. Then search for "defuzeme". Click on the "defuzeme" application present in the search's results list, and press the "Download" button. The application will be automatically downloaded and installed.		

4 – Utilization guide

4.1 - Client

Coming

4.2 – Web service

Coming

4.3 – Mobile software

Le mobile application is offering the possibility for the user to control a part of the radio using the mobile peripheral, like tactile tab or mobile phone.

The user interface is simple. There is only two main screens, the home screen and the play list screen showing the currents songs.

On the top left corner a small banner inform the user on which version of the application he is using. To offer a simple interface the home screen present only two main parts:

- 'Queue list'
- 'Scheduler'.

The option of connection/disconnection try to establish a connection between the mobile application and the client software to take a partial control of the client application. If the connection can't connect the user will be advert, so he will be able to retry the process later.

To close the application just click the physical back button.

These days, only the play list is working. It is showing many information about currents sounds.
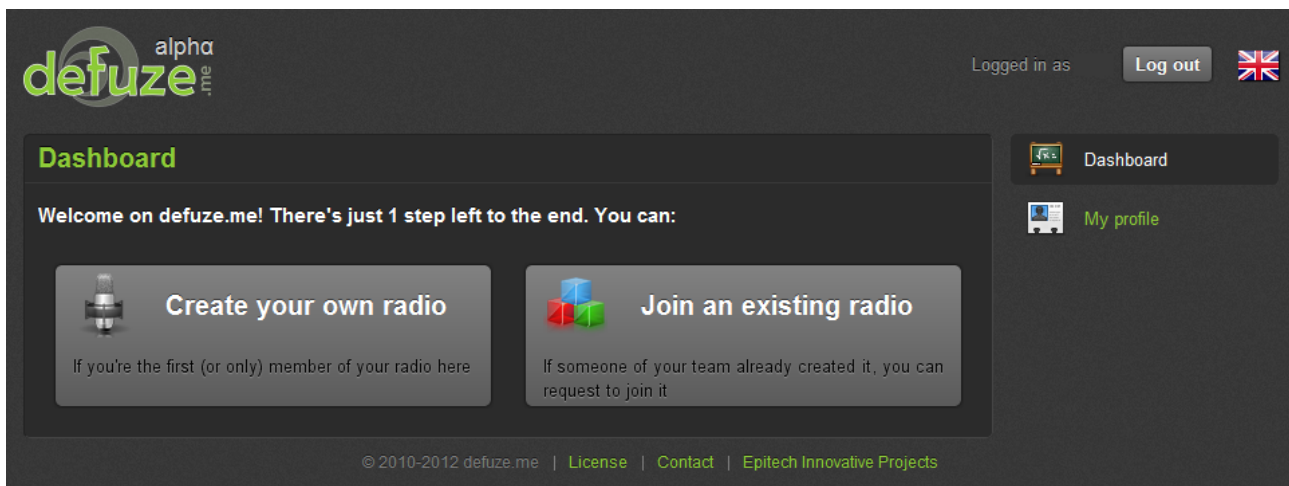
- Current song (green background)
  - Artist name + song title
  - Time
- Next songs (gray background)
  - Artist name + song title
  - Time
  - Drag and Drop button
- Basic commands : backward, play, pause, next.
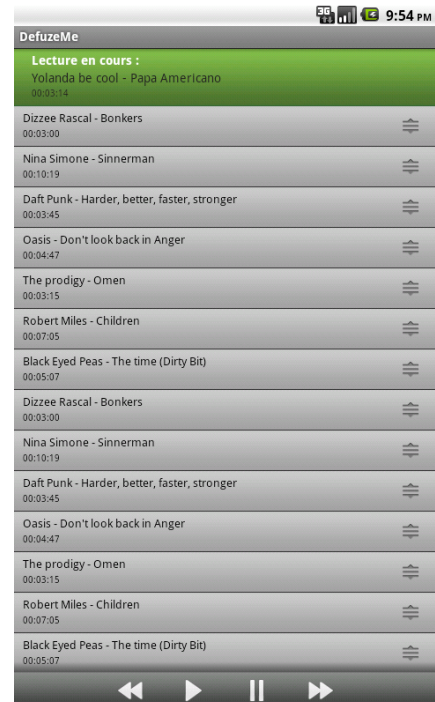
4.4 - Website

The registration on the web site is on invitation only. Indeed, you will receive an email with your invitation code and a link to the registration page.

One your registration is validated, two choices are available. You can either create your own radio or join an existing radio.

Creating you own radio is easy, you simply have to fill in the form below.

Once your radio is created, its information and its members appear in the « My radio » tab. You can also modify all its information or delete the radio by clicking on the appropriate button.

Your user information are accessible and modifiable in the « My profile » tab shown below.

This page also permits to invite user to create a Defuzeme account just by clicking on the « Invite Somebody » button and by filling the below form. The recipient will receive instantly a mail containing his invitation code and the invitation message you have written.

5 – Removal guide

5.1 – Client

Linux removal

Removal using package manager

Open your distribution's package manager. On Ubuntu you can find it at the end of the "Applications" menu:
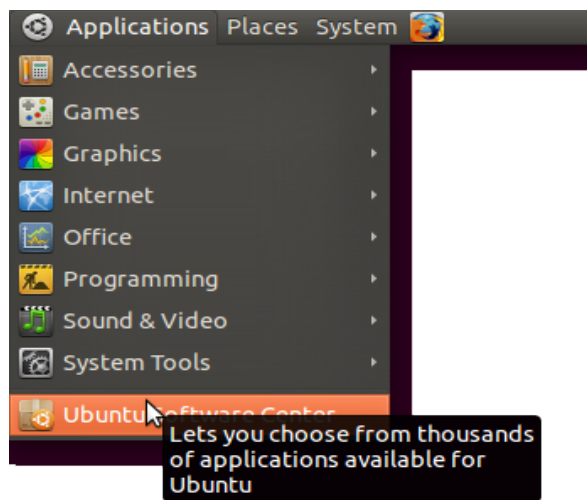
Once the package manager is launched, type "defuzeme" in the search field. The software should appear in the main list. Then just click on the "remove" button to complete the process.
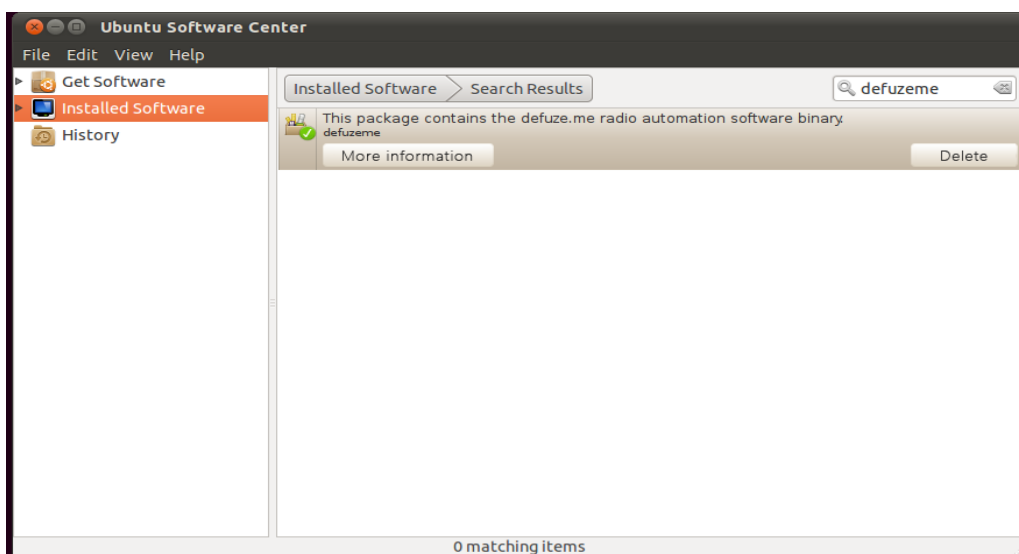
Removal from command-line

To remove the software from the command-line, open a terminal and run the following command:

```
sudo apt-get remove defuzeme
```

Windows removal
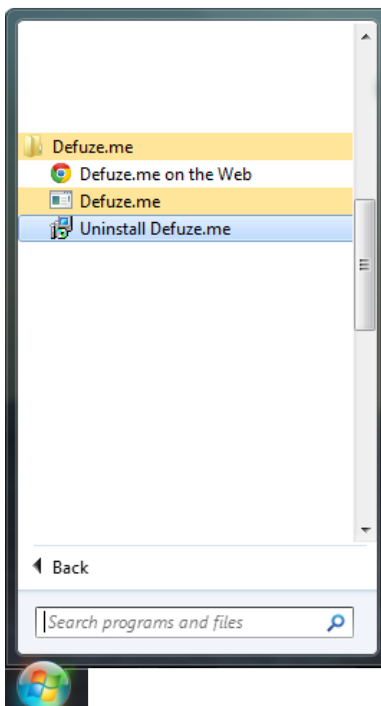
Open the start menu and go in «All Programs→ Defuze.me » or go in the instalation folder (C:\Program Files\Defuze.me\ by default), then launch « Uninstall Defuze.me ».

Then validate the removal like in the image bellow :
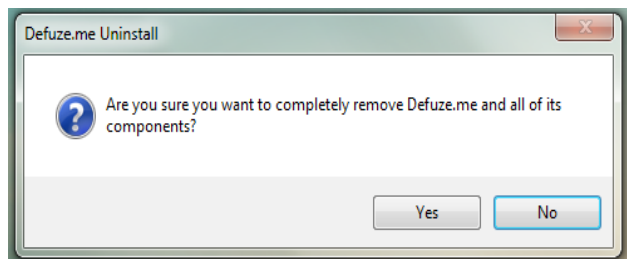
Congratulation, Defuze.me was successfully removed from your computer.
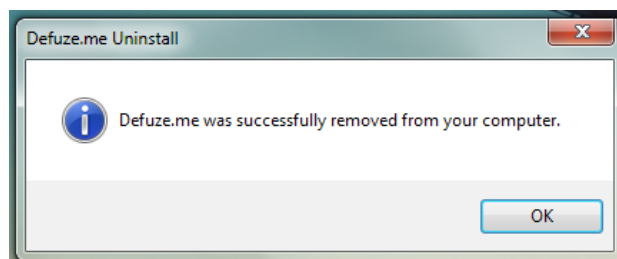
5.2 Mobile application

Android application

To remove the application you have to use the application management menu. From the home screen, open the « Options » menu and click on « Parameters ».

You're now on the « Parameters » screen, select the « Applications » menu, then « Manage applications ». Here you have a list of all applications installed on your device. Browse the list to find the application called « defuze.me » and select it. A new screen appears in which you must click on the « Uninstall » button. After a few seconds, the application will be removed.

6 – Known bugs

6.1 – Website

1. SMTP mail sending delay too long (~ 15 min)
2. Missing English translation on invitation page
3. "join existing radio" button is disabled yet

6.2 – Mobile application

1. "agenda" button is disabled yet

7 – FAQ

7.1 – General points

What is Defuze.me ?

Defuze.me is a radio broadcasting software designed to give an intuitive management of playing queue and a planning appropriate for radios.

Defuze.me is also a web service which allows radios to easily get currently broadcasting tracks back to display them on their website. An administrator interface allows a distant radio planning, and a mobile application for tablets allows a remote control of your radio.

Who is Defuze.me intended for ?

Defuze.me is intended for terrestrial radios and smaller internet radios. The software fits to professionals and private individuals.

Who manage Defuze.me ?

Defuze.me is currently managed by seven students from Epitech (an IT school) as part of the EIP (Epitech Innovative Project), a final project assignment of two years. They belongs to the class of 2012:

- Adrien Jarthon (project manager)
- Athéna Calmettes
- Jocelyn De La Rosa
- François Gaillard
- Alexandre Moore
- Luc Pérès
- Arnaud Sellier

7.2 – Accessibility & Updates

Is Defuze.me charged ? How much ? How to get it ?

The Defuze.me software is not free and is available by visiting our download page http://defuze.me/download, or by contacting us at this address : team@defuze.me.

Defuze.me is flexible thanks to our plug-in system. You can easily define which services you want, so Defuze.me will fully respond to your request. Defuze.me's team will valuate the price of your software and your monthly subscription for your selected services.

Is there a trial version of Defuze.me ?

Yes, a trial version of Defuze.me is available for a limited duration.

Is there updates ? are they free ? how to get them ?

Software updates are regularly provided in order to improve Defuze.me to best answer your requests. A visible notification appears as soon as a new update is available for Defuze.me. These updates are free for each Defuze.me subscribers.

7.3 – Compatibility

Which are the compatible operating systems ?

Defuze.me software is compatible with different operating systems :

- Windows XP and newer (32 and 64 bits)
- Mac OSX
- Linux (32 and 64 bits) with integration for :
    - KDE 4.5+
    - Gnome 2.3+

The mobile application is compatible with:

- iOS 4 and newer
- Android 1.6 and newer

Which are the compatible databases ?

You don't have to worry about any database compatibility problem. Indeed, the client has its own SQLite database.

7.4 – Miscellaneous

Which languages are provided ?

English (en/en_US) and French (fr/fr_FR) translations are supplied by default.

Other languages will be available via plug-ins. A new language can be added just with a new file, without requiring a software restart.

8 – Support / Useful links

Visit our website :   http://defuze.me/

Contact us by e-mail :   team@defuze.me

Follow us on Twitter :   http://twitter.com/defuzeme