



Guadec 2008 - Istanbul

Vagalume

Last.fm client for
Gnome and Maemo

Alberto Garcia

<http://people.igalia.com/berto/>





Last.fm



- One of the coolest web 2.0 sites:
 - It's a personalized internet radio.
 - It's a music recommendation system.
 - It's a social network.



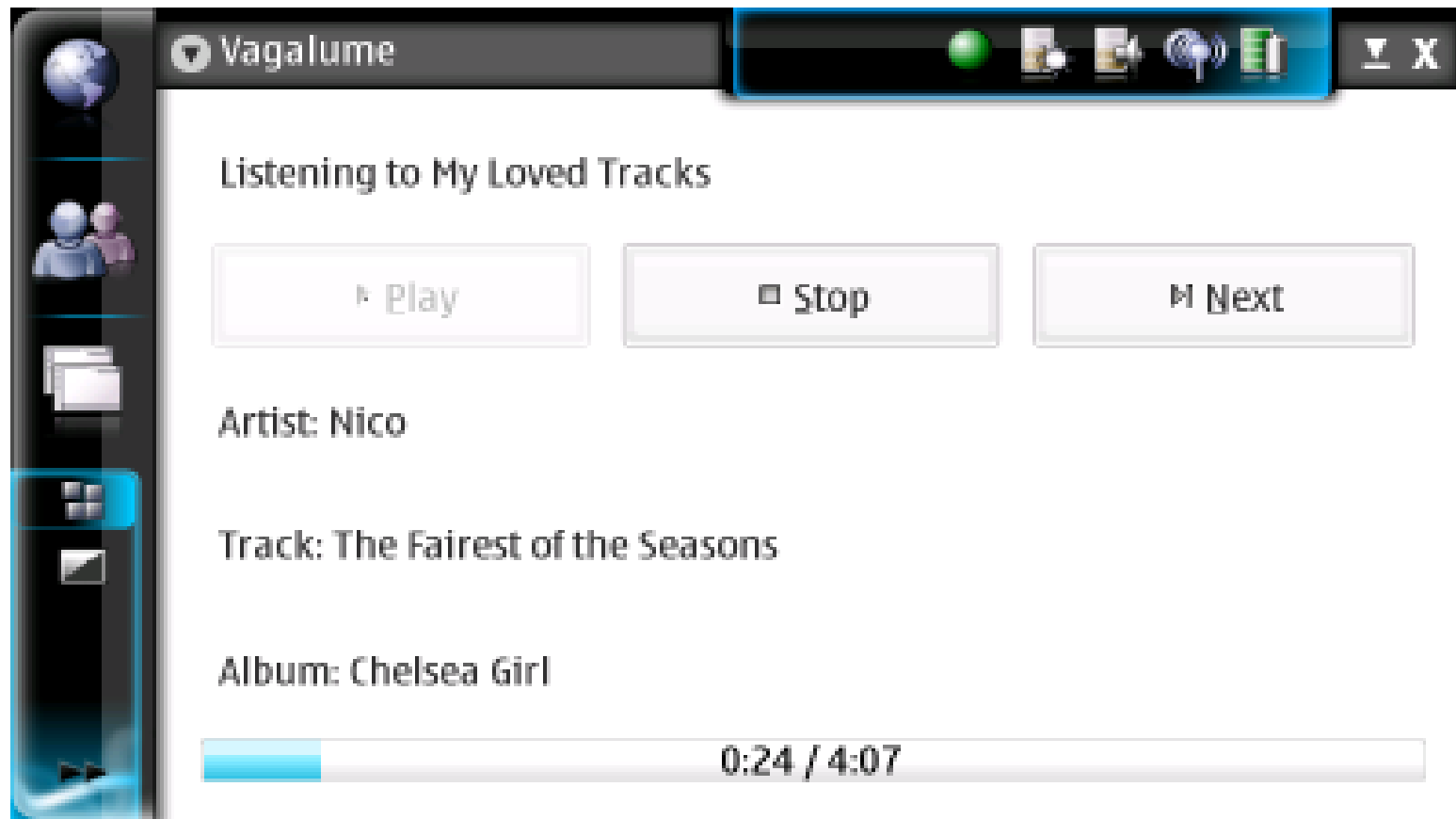
Vagalume

- A small Last.fm client (~140K as of v0.7)
- Written in C
- Based on Gnome technologies:
 - GTK+ / GLib
 - GStreamer
 - Libxml2
- Designed specially for the Maemo platform (Nokia 770 / N800 / N810)
- Experimental support for Moblin



First release

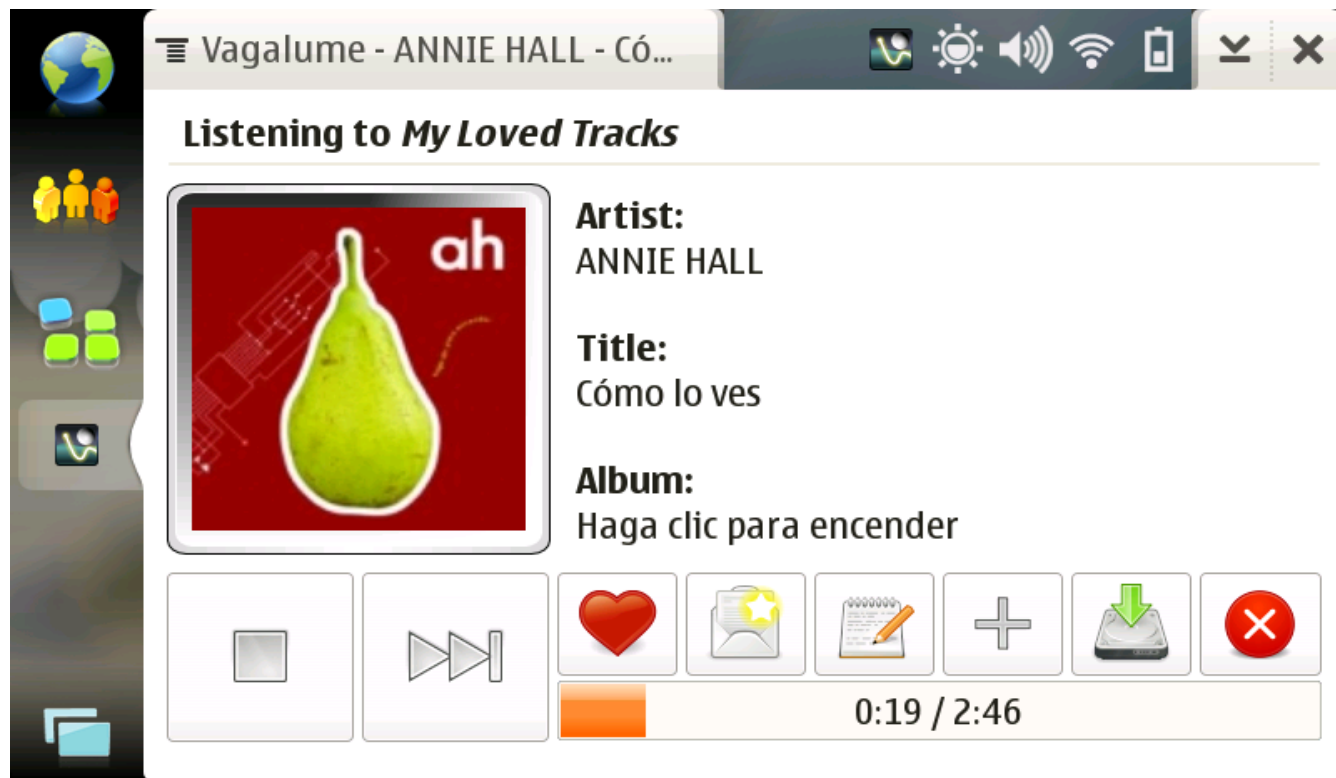
- November 2007: a < 50 KB binary with the essential features. Very basic UI





Vagalume evolves

- First goal: cover all basic Last.fm functionalities
- Achieved in v0.4 (14 Dec 2007)
- This is how it looks now:





Send recommendations

A screenshot of a GNOME desktop environment showing a music player window titled "The Clash - I Fought the Law". The player interface includes a menu bar with "Last.fm", "Play", "Radio", "Actions", "Bookmarks", and "Help". Below the menu is a "Listening to" section with a cover image of The Clash. A "Send a recommendation" dialog box is open, allowing the user to recommend the current track to another user. The dialog contains two dropdown menus: "Recommend this" set to "Track: I Fought the Law" and "Send recommendation to" set to "FooBar". Below these is a text area for a "Recommendation message" containing the text "Listen to this amazing cover by The Clash !!". At the bottom of the dialog are "OK" and "Cancel" buttons.

The Clash - I Fought the Law

Last.fm Play Radio Actions Bookmarks Help

Listening to M

Send a recommendation

Recommend this Track: I Fought the Law

Send recommendation to FooBar

Recommendation message

Listen to this amazing cover by The Clash !!

OK Cancel



Download songs

A screenshot of a music player window titled "Leæther Strip - Walking On Volcanos". The window has a menu bar with "Last.fm", "Play Radio", "Actions", "Bookmarks", and "Help". Below the menu bar, it says "Listening to free music Tag Radio". On the left, there is a cover art for "Leather Strip" showing a volcano. Below the cover art are playback controls: a square button, a play/pause button, and a progress bar. A red heart icon is visible next to the progress bar. A dialog box titled "Downloading Leæther Strip" is overlaid on the player. The dialog box contains the text "Downloading file" and "Leæther Strip - Walking On Volcanos.mp3". Below this is a progress bar showing "68 / 6573 KB" and a "Cancel" button.



Remote control

- Vagalume can be controlled using D-BUS
- Helper program `vagalumectl` provided:

```
$ vagalumectl play
$ vagalumectl loved SomeUser
$ vagalumectl tag "hard rock"
$ vagalumectl skip
$ vagalumectl stop
```



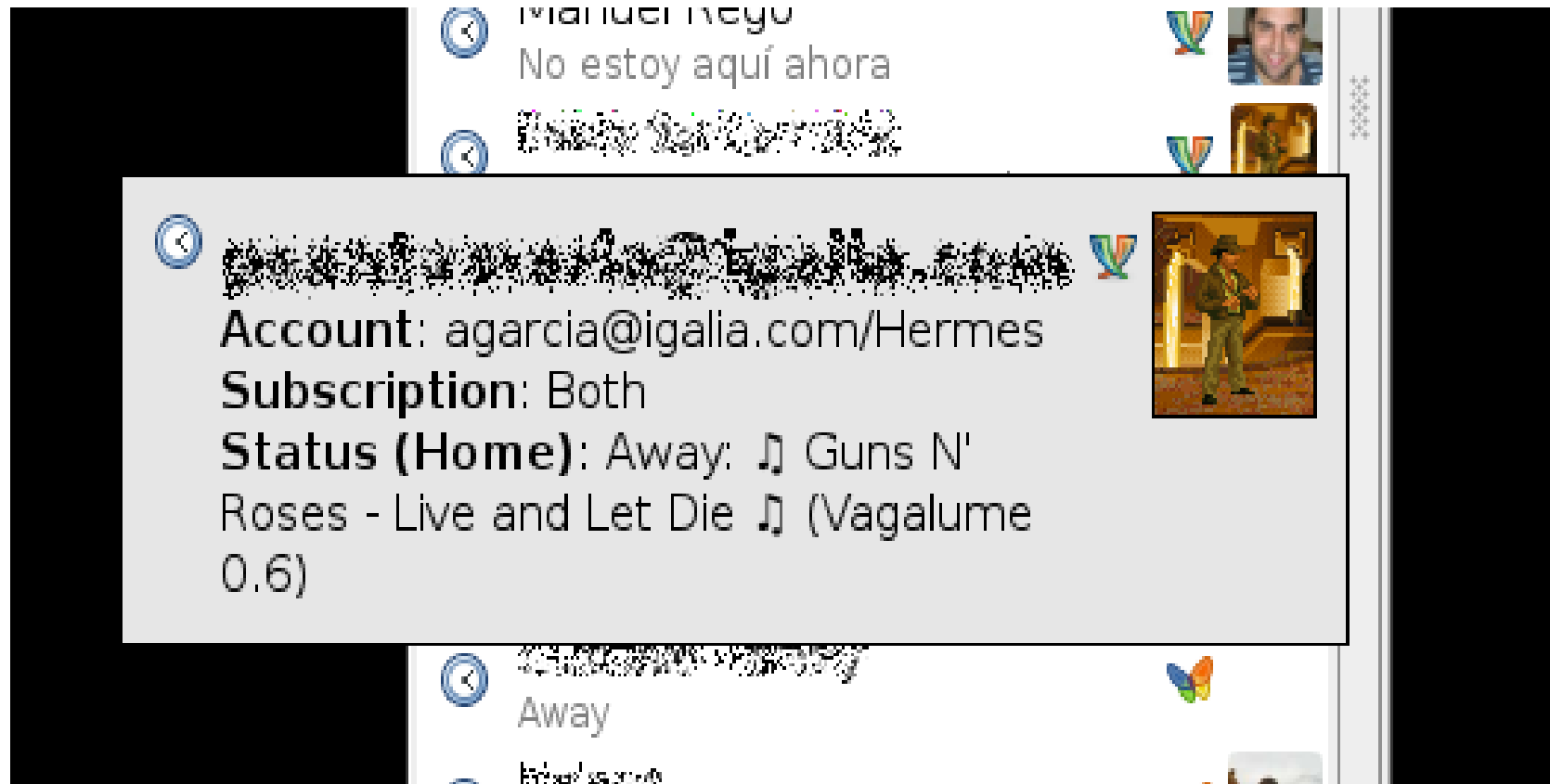

Tray icon





IM status message

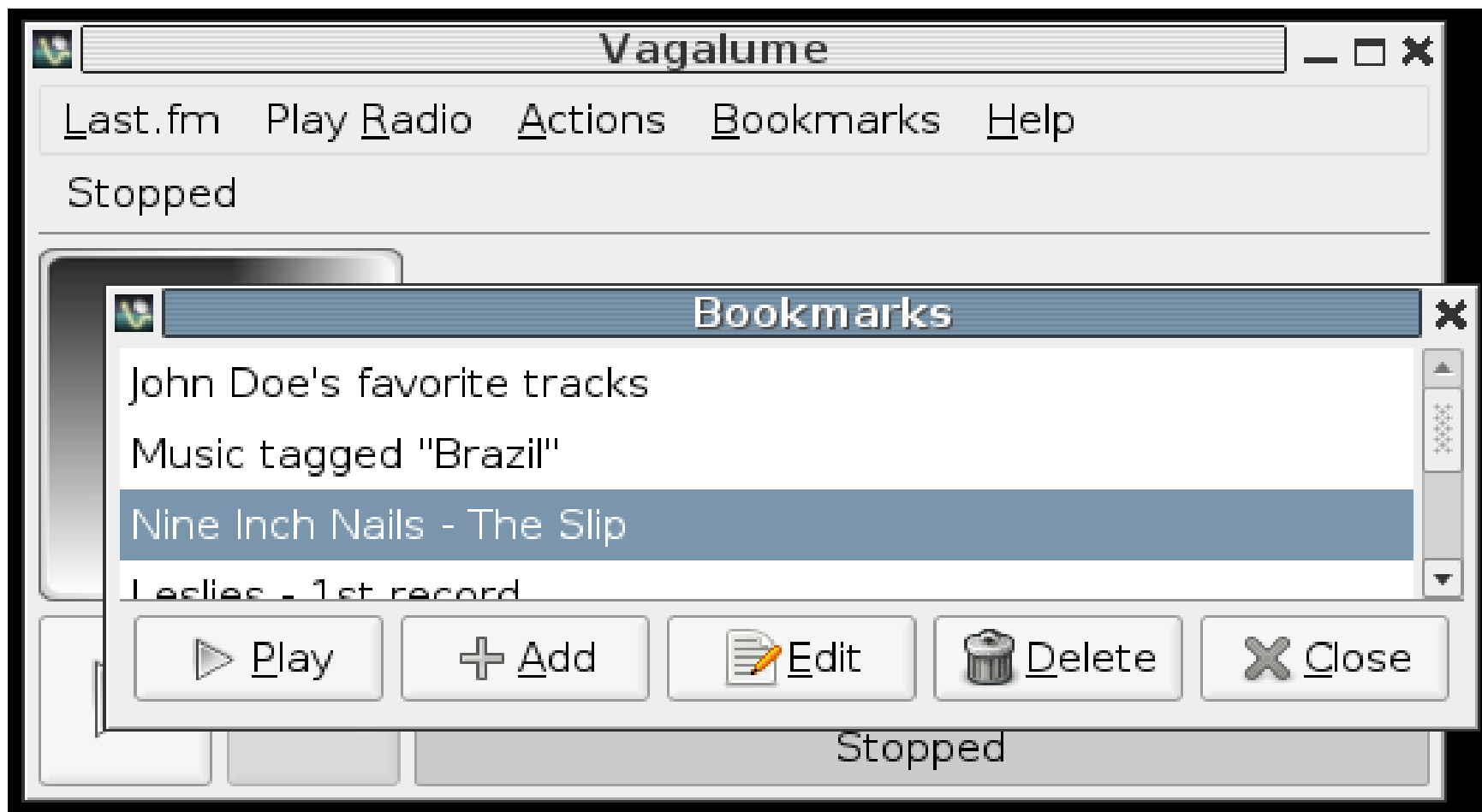
Show the name of the current track in the IM status message





Bookmarks

Your favorite radios and/or
your free music library



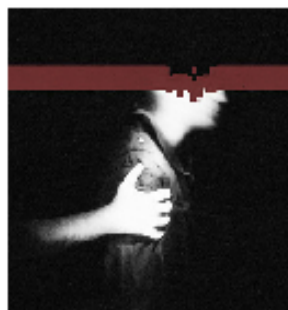


Fully streamable tracks

Many songs and albums in Last.fm can be listened for free whenever you want.

Click on the play button on the website to listen to them using Vagalume.

The Slip



10 tracks

[Buy Album](#) [from FREE download](#)
[from nin.com](#)

Tracks on this Album

Play this album in the Last.fm software

	Track	Time	Listeners	Download
1	999,999 full track	1:24	58,301	
2	1,000,000 full track	3:55	57,072	
3	Letting You full track	3:48	52,807	
4	Discipline full track	4:18	68,090	FREE .mp3
5	Echoplex full track	4:44	53,985	
6	Head Down full track	4:54	48,750	
7	Lights in the Sky full track	3:28	48,349	



Translated into 7 languages

A screenshot of a music player window titled "The Magic Numbers - Take A Chance". The window has a menu bar with "Last.fm", "Kanal abspielen", "Aktionen", "Lesezeichen", and "Hilfe". The main content area shows the track name "Es läuft Meine Radiostation" and the artist "The Magic Numbers". A confirmation dialog box titled "Bestätigung" is overlaid on the player, asking "Wirklich zu Lieblingstracks hinzufügen?" (Really add to favorite tracks?). The dialog has two buttons: "OK" with a blue arrow icon and "Abbrechen" with a red 'X' icon. The player interface includes a play button, a skip forward button, a heart icon, and a progress bar at the bottom showing "0:59 / 3:51".

The Magic Numbers - Take A Chance

Last.fm Kanal abspielen Aktionen Lesezeichen Hilfe

Es läuft *Meine Radiostation*

Interpret:
The Magic Numbers

Titel:
Take A Chance

Album:
Those That Break

Bestätigung

Wirklich zu Lieblingstracks hinzufügen?

OK Abbrechen

0:59 / 3:51



GNOME™

Some ideas for future releases

- Some of these are already being worked on:
 - Show lyrics of the current track
 - Sleep timer
 - Alarm clock
 - Pause button
 - History (recently played)



Resources

Home page:

<http://vagalume.igalia.com/>

Project page

(with svn, forum, bugzilla, mailing lists):

<http://garage.maemo.org/projects/vagalume/>



The end

That's all, folks

Thanks for listening !!

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