

aTunes

A semestral work for A4M35OSP

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Recapitulation

Let's recapitulate what was said earlier.

Atunes is an open source alternative to iTunes/Windows Media Player.

Features of aTunes.

- Auto lyrics fetcher
- Auto cover fetcher
- Music organised into a library

From a technical and project standpoint

- Written in Java
- Uses Maven for libraries
- Actively developed, commits are done almost daily

What I wanted to do

- Verify and possibly fix ID: 3478913 : Picture of the song is fixed
- Testing new releases and reporting bugs
- Find some enhancement and implement it

Verify and possibly fix ID: 3478913

Instaled both stable and beta.

- Windows - bug not reproduced
- Ubuntu - bug not reproduced
- Fedora - bug not reproduced

Asked bug record creator on his system details to find and reproduce the bug, but he did not respond. Bug assumed invalid.

Testing new releases and reporting bugs

Installed the beta version. Did not actively use the application. No bugs found

Enhancement - a telnet interface

The feature enables the user to connect to the app via telnet, and remotely control what is played and browse the repository.

- Listens on port 7777
- Uses a system that has been there previously, just not very functional
- Sample commands: play, next, previous, list songs, song info jump to....
- Implementation not trivial, had to refactor a few classes

Enhancement - a telnet interface

Status of patch: As of 15.5.2012, the patch has been accepted, tested and merged to the project repo.

The patch can be found at

<http://sourceforge.net/tracker/?func=detailaid=3522596group;d=161929atid=821814>

My experience

- Communication with the dev was surprisingly quick.
- Communication with the bug reporter terrible.
- Took me a month to make the patch, after the one month an important part of the code was refactored and rendered my code unusable
- Patch accepted. :)

Thank you

Thanks for listening!