



An approach for accessible email

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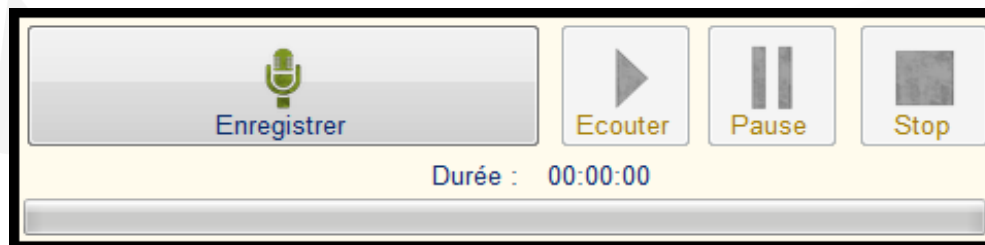
1- Overview

- ▼ Improve autonomy on email usage:
 - ▼ illiterates
 - ▼ people with cognitive or motor disabilities
 - ▼ the elderly
 - ▼ young children
- ▼ **Context:** Mail2Voice lies between solutions such as “Handybits Voicemail” and “QualiMAIL” or “Ordissimo”.

2- Accessibility concepts – 1/3

For illiteracy

- ▼ Reading incoming messages through speech synthesizer
- ▼ Recording vocal messages sent in attachment
- ▼ Address book based on contacts portraits



2- Accessibility concepts – 2/3

For cognitive impairment

- ▼ Simplified graphical interface
- ▼ Meaningful icons



2- Accessibility concepts – 3/3

For motor disabilities

- ▼ Usage through short press
- ▼ Does not require long press or double press
- ▼ Buttons oversized allowing usage of a touch screen



3- Status of the project

Last version published in June 2011

- ▼ Send and receive messages
- ▼ Speech synthesizer and audio recording
- ▼ Address book with portraits
- ▼ Attachments

Next stable version by the end of 2014 (beta this summer)

- ▼ Hyperlinks in text messages
- ▼ Address book import
- ▼ Highlight of the current word spoken through speech synthesis
- ▼ Packaging of voices for the synthesis

Demo

5- Why contribute to Mail2Voice?

- ▼ Human-size project
- ▼ Project with strong social values
- ▼ Exploration of accessibility concepts of the HMI
- ▼ Users are known, main needs are identified

Help us: feedback, code, tests, translation, documentation, animation, etc.

6- Further improvements needed

- ▼ Replace remaining proprietary dependencies
- ▼ Documentation
- ▼ Translations
- ▼ Port to GNU/Linux
- ▼ Open Mail2Voice design to other disabilities (ex: dyslexia)

7- Improve accessibility of free software

- ▼ Computing tools must be accessible to all
- ▼ Free software must be accessible too
- ▼ We need everyone involved:
 - ▼ Users
 - ▼ Developers
 - ▼ Experts and researchers
 - ▼ Public authorities



Thank you! Questions ?



- ▼ Website : <http://www.mail2voice.org>
- ▼ Social networks : Facebook, Twitter, Google+
- ▼ Freedom 0 : <http://liberte0.org>
- ▼ Github: <https://github.com/mail2voice/Mail2Voice>
- ▼ Developers wiki: <http://wiki.mail2voice.org>
- ▼ Developers mailing list:
<https://lists.sourceforge.net/lists/listinfo/mail2voice-devel>



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