

Austrian association supporting the blind and visually impaired



Sensus
Specialister i tilgængelighed



SPDV, Bucharest



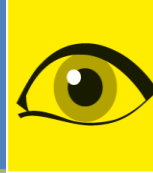
Towarzystwo Opieki nad Ociemniałymi w Laskach



Hilfsgemeinschaft der Blinden und Sehschwachen Österreichs

RoboBraille Alternate SMART Media

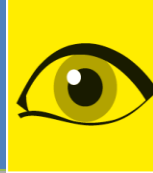
or: how to convert Documents in a smarter and easier way by means of Open Source Tools



The Project

Goals

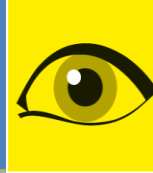
- to explore and describe how to prepare and create educational material in alternate formats in a smarter and easier way using RoboBraille and other relevant free document conversion and authoring tools.
- to develop and describe a complete training course that can be implemented with immediate effect in educational systems throughout Europe



The Project

Sections/Parts of the Handbook

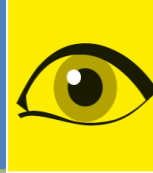
- Unit 1: An Introduction to inclusive education
- Unit 2: Designing Accessible Documents
- Unit 3: Using Learning Technologies to support Learners
- Unit 4: DAISY Conversions
- Unit 5: E-book conversions
- Unit 6: Braille conversions



The Project

Designing Accessible Documents

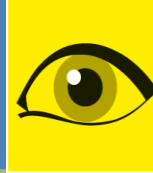
- guidelines are provided for the creation of accessible Word documents and PDF's (checker like PAC, Callas...)
- an overview is presented of the challenges to creating accessible PowerPoint documents.
- the learners are offered an insight into the principles behind accessible web content (WCAG 2.0)



The Project

Using Learning Technologies

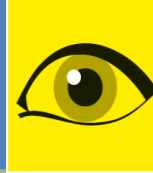
- Learning technologies are technologies that are used by all Learners in an inclusive learning environment.
- Learning technologies are designed to facilitate flexible learning opportunities and for learners to maximise their learning preferences



The Project

DAISY Conversion

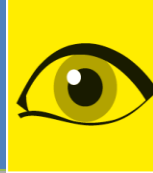
- What is DAISY
- Reading DAISY books
- DAISY readers
- Producing DAISY books
- Prerequisites
- Production tools



The Project

E-Book-Conversion

- What is an e-book
- Reading e-books
- Apps
- Tablets, phones and e-book readers
- Producing e-books
- Prerequisites
- Production tools



The Project

Braille Conversion

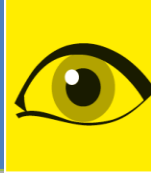
- Introduction to Braille
- The Challenges of Braille conversion
 - Braille differ
 - from country to country from
 - language to language
 - domain (e.g., literary Braille, scientific Braille, Braille music, Braille poetry and pharmaceutical Braille),
 - medium of rendition (six-dot Braille for paper, eight-dot Braille for computers),
 - contraction levels (from two levels in British English Braille to five levels in the Norwegian Braille code).
- Converting to Braille conversion six-dot and eight-dot Braille
- Converting to the character set of the embosser
 - formatting, word-wrapping and paginating



The Project

Robobraille

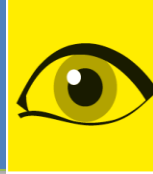
- as a public service, RoboBraille is capable of converting documents into a variety of alternate formats
- the service can also be used to convert otherwise inaccessible or tricky documents into more accessible formats.



The Project

Robobraille/Conversion options

- Digital Braille books
- MP3 audio files
- DAISY structured audio books
- E-books in EPUB and Mobi
- Accessibility conversions for otherwise inaccessible PDFs (scanned PDFs without Tags)



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The Project

Robobraille

- Free for personal use
- Inexpensive for institutional use
- <http://www.robobraille.org>
- Upload via Website or you send the attached document via your emailclient to an adress:
 - Audio: american@ deutsch@
parlefrançais@ daisy@ daisymath@....
 - Braille: banagrade1@ banagrade2@ sixdot@ kurzschrift@....
 - E-books: epub@ epub3@ mobi@
 - Conversion: convert@



Follow the four easy steps below to have your document converted into an alternative, accessible format. The result is delivered in your email inbox. You may upload one or more files, enter a URL to a file or simply type in the text you wish to have converted. The form expands as you make your selections.

Source

- File
- URL
- Text

Step 1 - Upload your document

Select your file and upload it to the server (max 64 MB). Multiple files of the same type may be selected. Supported file types are .DOC, .DOCX, .PDF, .PPT, .PPTX, .TXT, .XML, .HTML, .HTM, .RTF, .EPUB, .MOBI, .TIFF, .TIF, .GIF, .JPG, .JPEG, .BMP, .PCX, .DCX, .J2K, .JP2, .JPX, .DJV and .ASC

File name: Keine ausgewählt

The file HG_Bericht_15_w.pdf was successfully uploaded to the server (3.526 kb).

Step 2 - Select output format

Specify the target format of your document. For this document type, the following formats are available:

Target format

- MP3 audio
- Braille
- E-book
- Accessibility conversion

Easy Steps – mp3



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File name: Dateien auswählen Keine ausgewählt

The file HG_E successfully uploaded to the server (3.526 kb).

Step 2 - Specify the target format

Specify the target format

Target format

- MP3 audio
- Braille
- E-book
- Accessible HTML

Step 3 - Specify the language

Specify the language

Options

Language:

Speed:

- American English
- Arabic
- Arabic English Bilingual
- British English
- Bulgarian
- Danish (female, Sara)
- Danish (male, Carsten)
- Dutch (female)
- Dutch (male)
- Finnish
- French
- German
- Greek
- Greenlandic
- Hungarian (female)
- Hungarian (male)
- Icelandic (female)
- Icelandic (male)
- Italian
- Lithuanian (female, younger)
- British English

Successfully uploaded to the server (3.526 kb).

For this document type, the following formats are available:

Document and how fast you want the speech.

Step 4 - Enter email address and submit request

Email address:

M-Enabling Summit

Conference and Showcase 2016

June 13-14, 2016 • Washington, DC



Promoting Accessible Technologies and Environments for Senior Citizens and Users of All Abilities



E-DOOK

Accessibility conversion

Step 3 - Specify accessibility conversion options

Specify the target format of the conversion.

Options

Target format:

- doc - Microsoft Word
- doc - Microsoft Word
- docx - Microsoft Word**
- rtf - Rich Text Format
- pdf - Tagged PDF
- xls - Microsoft Excel
- xlsx - Microsoft Excel
- csv - Comma separated
- txt - Windows Text
- htm - HTML

Step 4 - Enter

Email address:

and submit request

Easy Steps – epub



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- E-book
- Accessibility conversion

Step 3 - Specify e-book options

Specify the target format of your e-book.

Options

Format:	EPUB ▼
Base font:	EPUB3 with media overlay
	MOBI (Kindle)

Step 4 - Enter email address and submit request

Email address:



M-Enabling Summit
Conference and Showcase 2016
June 13-14, 2016 • Washington, DC

 
E.J. KRANE & ASSOCIATES, INC.
Promoting Accessible Technologies
and Environments for Senior Citizens
and Users of All Abilities

Easy Steps – Braille/PEF

PEF=Portable Embosser Format



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Step 3 - Specify Braille opti

Specify the natural language of your

Options

Language: **British English** ▼

American English

British English

Bulgarian

Danish

French

German

Greek

Hungarian

Icelandic

Italian

Norwegian

Polish

Portuguese

Romanian

Slovenian

Spanish

Step 4 - E

Email address

Braille

E-book

Accessibility conversion

Step 3 - Specify Braille opti

Specify the natural language of your

Options

Language: **British English** ▼

Contraction level: **Grade 2** ▼

Grade 1

Grade 2

Target format: pef

Step 4 - Enter email address

Email address:

Step 2 - Select output format

Specify the target

Target format

MP3 audio

Braille

E-book

Accessibility

North American Computer Braille

Log-Text 5

Log-Text

US437

German ASCII

IBM850

EuroBraille

Italian JAWS

IBOS Elekul 6

unicode

brailelite

brailnote

pef2929pd

pef3025pd

pef3028pd

pef3227pd

pef3228pd

pef3229pd

pef3329pd

pef4025pd

pef2929pd

Step 3 - Spec

Specify the natura

Options

Language: **Briti**

Contraction leve

Target format: pef

Step 4 - Enter email address and submit r

Email address:

Submit



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Thank You Contact

<http://www.hilfsgemeinschaft.at>

<http://www.accessible-media.at>

<http://www.robobraille.org>

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