IMSC Open Source Projects
How to combine different Open Source Caption Tools

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PROLOG
1
00:00:01,000 --> 00:00:02,000
Hello World

00:00:01.000 --> 00:00:02.000 align: right
Hello World

<p begin="00:00:01" end="00:00:02">
    Hello World
</p>
COMBINING IMSC MECHA
EBU-STL
Subtitling Conversion Framework

IMSC (EBU-TT-D)
Subtitling Conversion Framework

Technologies
• XSLT
• Xquery
• Python

REST API
• BaseX Server
• Docker

github.com/IRT-Open-Source/scf
Video Image Burner

PNG + Video
Video Image Burner

Technologies
• ffmpeg

REST API
• BaseX Server
• Docker

github.com/IRT-Open-Source/vib
imscJS

XML

Javascript

HTML DOM
Techologies

- Javascript
imscEd

User interface

IMSC Javascript Object
imscEd

Technologies
• Javascript
• vue.js

github.com/IRT-Open-Source/imsced
References

- [github.com/IRT-Open-Source/vue.js](https://github.com/IRT-Open-Source/vue.js)
- [github.com/IRT-Open-Source/basex](https://github.com/IRT-Open-Source/basex)
References

• [github.com/IRT-Open-Source/scf](https://github.com/IRT-Open-Source/scf)
• [github.com/IRT-Open-Source/vib](https://github.com/IRT-Open-Source/vib)
• [github.com/sandflow/imscJS](https://github.com/sandflow/imscJS)
• [github.com/IRT-Open-Source/imsced](https://github.com/IRT-Open-Source/imsced)
• [subtitling.irt.de/imsced](https://subtitling.irt.de/imsced) (latest build)
Aknowledgement

Laura Ehlis (imscEd), Michaela Finger (imscEd), Pierre Lemieux (imscJS), Yury Lugantsov (imscEd), Stefan Pöschel (SCF, VIB)

Parts of imscED were developed in the project dwerft - linked metadata for media (www.dwerft.de).

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