

EBU-TT LIVE INTEROPERABILITY TOOLKIT

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<https://tech.ebu.ch/publications/tech3370>

EBU-TT, PART 3 IVT SUBTITLING APPLICATIONS

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SYSTEM MODEL AND CONTENT PROFILE FOR AUTHORIZING AND CONTRIBUTION

It is one of these

STATUS: Development Version 0.9,
For Prototype Implementation

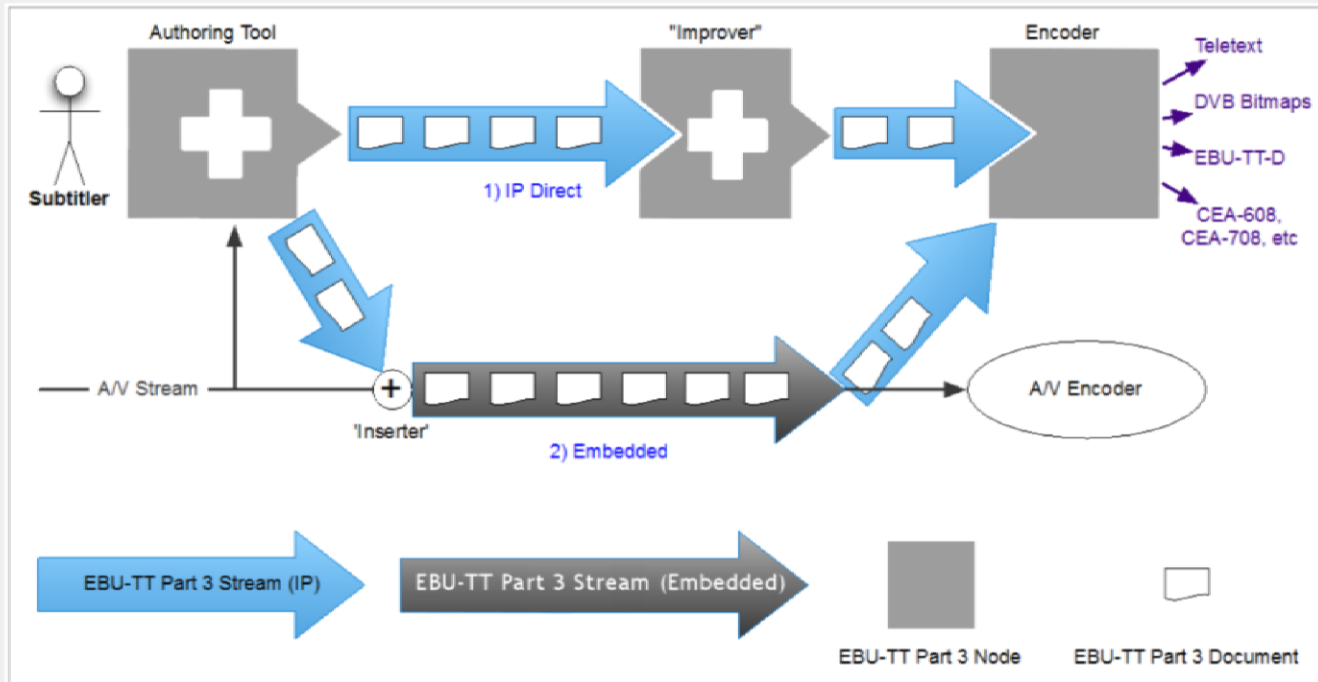


Figure 4: Schematic of simple use case showing an authoring tool generating a stream of EBU-TT Part 3 live subtitles.

<http://ebu.github.io/ebu-tt-live-toolkit/>

The Project

This is an open source project hosted by EBU on GitHub, using Travis-CI for continuous integration and coveralls for code test coverage, with pytest.bdd for running BDD tests and graphviz for documentation diagrams. The license is BSD3.

This is an activity of the EBU Subtitles in XML group. **Contributions welcome from anyone willing to give code under the license; group membership not needed (but also welcome)**

EBU Subtitles in XML group: <https://tech.ebu.ch/subtitling>

You can find details about the project, including details of how to contribute, on its github page.

Repository: <https://github.com/ebu/ebu-tt-live-toolkit/>

Documentation: <http://ebu.github.io/ebu-tt-live-toolkit/html/index.html>

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Goals

1. Validate the EBU-TT Part 3 Live specification.
2. Provide a set of resources to help anyone making equipment or software using EBU-TT Part 3.

What is it?

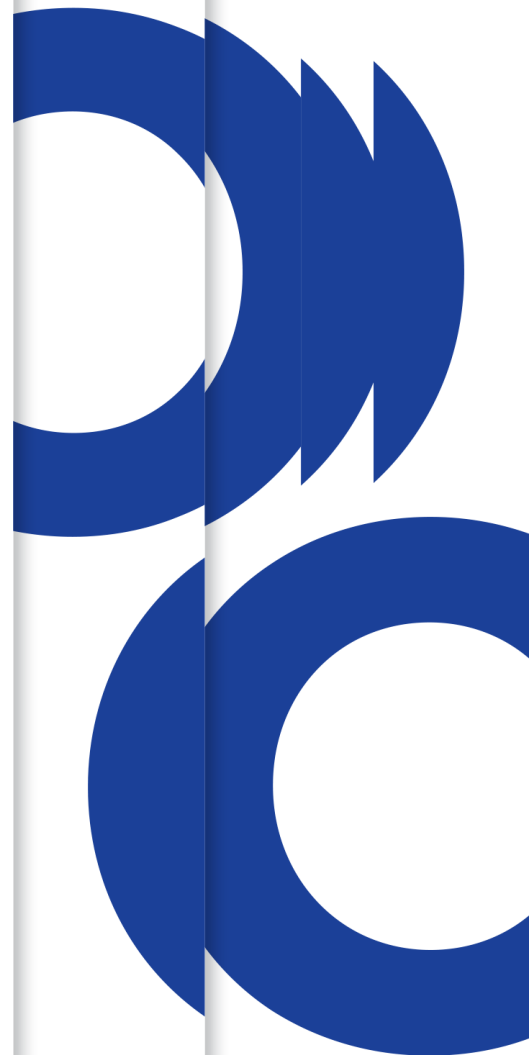
The interoperability toolkit is a set of components, mostly written in Python (to be easy-ish to read) that can create EBU-TT Live documents (and sequences), transfer them from one Node to another using Carriage Mechanisms (currently WebSocket and the file system), validate them, and allow them to be viewed.

If you are writing code to produce live subtitles in EBU-TT Live, you should try plugging it into the consumer to validate the sequences you make. If you are writing code to consume live subtitles, you should try using the producer to generate test data.

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COMMERCIAL
PRODUCTS**

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WHAT YOU SHOULD DO

Manufacturers, providers of subtitle systems and services etc:

- validate that your system works using the interoperability toolkit; produce test streams, validate test streams, convert to EBU-TT-D etc.
- let us know your experiences with it
- file bug issues on the repository when you find them

Specification **geeks**:

- review the specification, consider joining the EBU group

Good (great!) **humans** (including manufacturers and all geeks!):

- contact me at nigel.megitt@bbc.co.uk
- contribute code, tests, ideas etc under the BSD3 license