EBU
OPERATING EUROVISION AND EURORADIO
EBU-TT
Specifications family
EBU-TT COVERS THE COMPLETE SUBTITLING CHAIN

- **Author**
  - Subtitler creates subtitles

- **Content Management**
  - Workflow manages documents and delivery

- **EBU-TT**
  - EBU-TT part 1 Tech 3350
  - EBU-TT part 3 Tech 3370

- **Playout**
  - Automated playout of subtitles inside A/V content

- **Encoder/Transcoder**
  - Create distribution titles in other formats

- **Packager/Multiplexer**
  - Create distributable outputs

- **Broadcast distribution**
  - DVB bitmaps, Teletext in MPEG-2 TS etc

- **Online distribution**
  - EBU-TT-D in MPEG-4, DASH etc

- **Archive**
  - Persistent storage and retrieval

- **ISO BMFF carriage**
  - Tech 3381

- **EBU-TT-D**
  - Tech 3380
  - Tech 3390

- **EBU-TT-D in MPEG-4, DASH etc**

- **EBU-TT**
  - EBU-TT part M Tech 3390
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<th>EBU-TT</th>
<th>Application</th>
<th>Highlights</th>
<th>Latest First</th>
<th>Status</th>
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<td>part 1</td>
<td>Tech 3350 Archiving Exchange</td>
<td>Starting point EBU-TT work Strongly constraints TTML 1 Timecode, media time, clock</td>
<td>2017, 2012</td>
<td>Maintained</td>
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<td>part 2</td>
<td>Tech 3360 Legacy Conversion</td>
<td>STL -&gt; EBU-TT strategies Includes tips to interpret typical STL use</td>
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<td>Processing nodes model <strong>No TIMECODE!</strong> Websocket carriage spec</td>
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REFERENCES

Links to the EBU-TT specifications and the EBU Timed Text group

[link]
tech.ebu.ch/subtitling