# stl version v3.7.1.1

Date: 2024.06.25

## Issues in Milestone

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- [11] Newfor parsing. Fix color detection

## Features

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### Newfor parsing. Fix color detection

Fixed Newfor color detection. The color is searched after 2 bytes responsible for the line number.



For EBU-TT subtitle generation, if the color is not specified in Newfor, the default color `white` is used. Previously used `yellow2`

```
{
    "test_cases": [
        {
            "newfor": "8f 8c 02 64 0d 20 20 0b 0b 43 6e f4 e5 f2 20 c2 ef f4 ef 6d 20 57 68 e9 f4 e5 20 46 67 20 c2 ec 61 e3 6b 20 c2 67 8a 8a 8a 02 38 0d 20 20 20 20 20 20 20 20 0b 0b 73 e5 e3 ef 6e e5 20 ec e9 6e e5 20 61 64",
            "expected": {
                "subtitles": [
                    {
                        "text": "  Center Bottom White Fg Black Bg",
                        "color_string": null,
                        "color_number": "00",
                        "line_number": "14",
                        "line_number_str": "Line: 20",
                        "line_number_str_ebutt": "80% 20%"
                    },
                    {
                        "text": "          second line added",
                        "color_string": null,
                        "color_number": "00",
                        "line_number": "16",
                        "line_number_str": "Line: 22",
                        "line_number_str_ebutt": "80% 22%"
                    }
                ]
            }
        },
        {
            "newfor": "8f c7 15 02 0d 20 20 20 0b 0b 43 e5 6e f4 e5 f2 20 54",
            "expected": {
                "subtitles": [
                    {
                        "text": "   Center Top White Fg Black Bg",
                        "color_string": null,
                        "color_number": "00",
                        "line_number": "01",
                        "line_number_str": "Line: 1",
                        "line_number_str_ebutt": "80% 10%"
                    }
                ]
            }
        },
        {
            "newfor": "8f c7 02 49 0d 07 0b 0b 31 32 b3 34 b5 b6 37 38 b9 61",
            "expected": {
                "subtitles": [
```

```
Text Visualizer

Expression:    ebutt

String manipulation:    None

Value:

<?xml version="1.0" encoding="utf-8"?>
<tt:tt ebuttp:sequenceNumber="0" ttp:timeBase="clock" ttp:clockMode="local" ebuttp:authorsGroupIdentifier="1"
ebuttp:authorsGroupControlToken="1" xml:lang="en-GB" xmlns:ebuttm="urn:ebu:tt:metadata" xmlns:ebuttp="urn:ebu:tt:parameters" xmlns:ebutts="urn:ebu:tt:style"
xmlns:tt="http://www.w3.org/ns/ttml" xmlns:tts="http://www.w3.org/ns/ttml#styling" xmlns:ttp="http://www.w3.org/ns/ttml#parameter" xmlns:xml="http://www.w3.org/
XML/1998/namespace">
  <tt:head>
    <tt:metadata>
      <ebuttm:documentMetadata />
    </tt:metadata>
    <tt:styling>
      <tt:style ebutts:linePadding="1c" tts:direction="ltr" tts:lineHeight="2c" tts:unicodeBidi="normal" xml:id="sDefaultSubtitleStyle" />
      <tt:style tts:fontSize="1c 2c" tts:fontStyle="normal" tts:fontWeight="normal" tts:textDecoration="none" xml:id="sDefaultSpanStyle" />
      <tt:style xml:id="S1" style="sDefaultSubtitleStyle" tts:textAlign="start" />
      <tt:style xml:id="S2" style="sDefaultSpanStyle" tts:backgroundColor="black" tts:color="yellow" />
      <tt:style xml:id="SN20" style="sDefaultSpanStyle" tts:backgroundColor="black" tts:color="yellow2" />
      <tt:style xml:id="SN22" style="sDefaultSpanStyle" tts:backgroundColor="black" tts:color="yellow2" />
    </tt:styling>
    <tt:layout>
      <tt:region xml:id="top" tts:origin="10% 10%" tts:extent="80% 80%" tts:padding="0c" tts:displayAlign="before" tts:writingMode="lrtb" />
      <tt:region xml:id="bottom" tts:origin="10% 10%" tts:extent="80% 22%" tts:padding="0c" tts:displayAlign="after" tts:writingMode="lrtb" />
    </tt:layout>
  </tt:head>
  <tt:body dur="00:00:00">
    <tt:div region="bottom">
      <tt:p xml:id="p1" begin="00:00:00" end="00:00:00" style="S1">
        <tt:span xml:space="preserve" style="SN20">  Center Bottom White Fg Black Bg</tt:span>
        <br />
        <tt:span xml:space="preserve" style="SN22">          second line added</tt:span>
      </tt:p>
    </tt:div>
  </tt:body>
```

☑ Word Wrap