

# Contrast 2021.1 release note

[Introduction](#)

[Changes](#)

[Support for Closed Captioning](#)

[Summary of changes with respect to previous Contrast version](#)

[in-journal-2021.1](#)

[in-book-2019.1](#)

[in-satellite-2019.1](#)

[out-journal-2019.1](#)

[out-book-2019.1](#)

[out-satellite-2019.1](#)

## Introduction

This document describes the changes to Contrast to be released in conjunction with an EW release.

The complete Contrast documentation will be updated to include the changes described below. With particular reference to Contrast-out, implementation of the new versions of the schemas by receiving systems does not necessarily entail implementation of every new thing in the schemas.

The following sections describe the changes and list the differences with respect to previous versions.

## Changes

### Support for Closed Captioning

The following three values were added as asset-types to support Closed Captioning

CLOSED-CAPTION-TTML

CLOSED-CAPTION-VTT

CLOSED-CAPTION-TXT

### Summary of changes with respect to previous Contrast version

<b>in-journal-2021.1</b>	
journal-item-issue.xsd	<ul style="list-style-type: none"><li>• Added value CLOSED-CAPTION-TTML to simple type asset-types-list-item</li><li>• Added value CLOSED-CAPTION-VTT to simple type asset-types-list-item</li><li>• Added value CLOSED-CAPTION-TXT to simple type asset-types-list-item</li></ul>
f300.xsd	No change
p100	No change
q300	No change
q300-project.xsd	No change
s5.xsd	No change
s5-project.xsd	No change
s100.xsd	No change
s100-project.xsd	No change
s100-proof.xsd	No change
s200.xsd	No change

s200-project.xsd	No change
s250.xsd	No change
s280.xsd	No change
s280-project.xsd	No change
s300-h300.xsd	No change
s300-h300-project.xsd	No change
s350-h350.xsd	No change
s350-h350-project.xsd	No change
<b>in-book-2019.1</b>	
book-item-project.xsd	No change
e300.xsd	No change
f300.xsd	No change
o300.xsd	No change
q300.xsd	No change
q300-project.xsd	No change
s200.xsd	No change
s200-project.xsd	No change
s280.xsd	No change
s280-project.xsd	No change
s300-h300.xsd	No change
s300-h300-project.xsd	No change
s350-h350.xsd	No change
s350-h350-project.xsd	No change
<b>in-satellite-2019.1</b>	
a300.xsd	No change
a300-project.xsd	No change
<b>out-journal-2019.1</b>	
journal-item-issue.xsd	<ul style="list-style-type: none"> <li>• Added value CLOSED-CAPTION-TTML to simple type asset-types-list</li> <li>• Added value CLOSED-CAPTION-VTT to simple type asset-types-list</li> <li>• Added value CLOSED-CAPTION-VTT to simple type asset-types-list</li> </ul>
items.xsd	No change
issues.xsd	No change
<b>out-book-2019.1</b>	
book-item-project.xsd	No change
book-items.xsd	No change
book-project.xsd	No change

<b>out-satellite-2019.1</b>	
satellites.xsd	No change