Contrast 2021.2 release note

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 special-purpose content without PDF

Special-purpose content needs to be supported for which PDF files are not mandatory.

An article-in-press workflow will be implemented, but previously S5/S100/S200 project schemas did not allow PDF-less deliveries. Therefore new Contrast-In project schemas for S5/S100/S200 are created in which PDF is not mandatory, but optional.

Also, PDF-less Contrast-Out is possible.

> ⚠️ **H300/H350**
>
> Contrast H300/H350 project schemas and Contrast H300/H350 output schemas allow PDF-less deliveries to and from EW. (A few issues have already been delivered to ScienceDirect.)

DOI in O300 datasets

In order to support DOI numbers in O300 datasets, `BOOK-METADATA 5.0.2 BOOK-METADATA` has been added to the DTD enumerations in file `book-projects.xsd` (Contrast-out) and file `book-item-project.xsd` (both Contrast-in and Contrast-out), and element `'doi'` has been added to file book-project-unique-ids in file `o300.xsd`.

Summary of changes with respect to previous Contrast version

in-journal-2021.2	
journal-item-issue.xsd	No change
f300.xsd	No change
p100	No change
q300	No change
q300-project.xsd	No change
s5.xsd	No change

s5-project.xsd	Make element web-pdf optional
s100.xsd	No change
s100-project.xsd	Make element web-pdf optional
s100-proof.xsd	No change
s200.xsd	No change
s200-project.xsd	Make element web-pdf optional
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
in-book-2021.2	
book-item-project.xsd	value `BOOK-METADATA 5.0.2 BOOK-METADATA` has been added to the list of DTD enumerations
e300.xsd	No change
f300.xsd	No change
o300.xsd	Element `doi` has been added to book-project-unique-ids
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
in-satellite-2021.2	
a300.xsd	No change
a300-project.xsd	No change
out-journal-2021.2	
journal-item-issue.xsd	No change
items.xsd	No change
issues.xsd	No change

out-book-2021.2	
book-item-project.xsd	value `BOOK-METADATA 5.0.2 BOOK-METADATA` has been added to the list of DTD enumerations
book-items.xsd	No change
book-project.xsd	value `BOOK-METADATA 5.0.2 BOOK-METADATA` has been added to the list of DTD enumerations
out-satellite-2021.2	
satellites.xsd	No change