FAQ n.136653

FAQs:

Easy Access Rules XML

Question:

In the pdf version of Easy Access Rules sometimes one topic presents two versions of the same rule or of the same paragraph (see the figure below). What does it mean and how is this represented in the XML format?

Answer:

Some of the Easy Access Rule have topics containing rules which are applicable currently as well as rules which are applicable at a later date.

When viewed in PDF or in XML opened in Microsoft Word, such a topic containing such content looks like this:

Note the special colouring (magenta) of the content applicable at a later date.

While the eRules XML Export version 1.0.0 does not provide EASA-specific XML elements that would allow a processor to identify the two types of content within a topic, it is possible to use the OOXML formatting tags for such a goal.

This is because inside the (OO)XML file the text applicable at a later date is formatted using a special style with the value "GeneralAviation"

More concretely, a text with a later applicability date will have as a Property (<w:pPr> or <w:rPr>) a Run Style (<w:rStyle>) with the attribute w:val="GeneralAviation" as in the following snippet which describes the rendering to OOXML of the text

(b)   The design management system shall:

<w:p w:rsidR="00741909"

    w:rsidRPr="00741909"

```
    w:rsidP="00741909"

    w14:paraId="1DFCCDAA"

    w14:textId="1B30FEA1">

    <w:pPr>

<w:pStyle w:val="ListLevel0"/>

<w:rPr>

<w:rStyle w:val="GeneralAviation"/>

</w:rPr>

    </w:pPr>

<w:r w:rsidRPr="00741909">

<w:rPr>

<w:rStyle w:val="GeneralAviation"/>

</w:rPr>

<w:t>(b)</w:t>

</w:r>

<w:r w:rsidRPr="00741909">

<w:rPr>

<w:rStyle w:val="GeneralAviation"/>

</w:rPr>

<w:tab/>

<w:t>The design management system shall:</w:t>

</w:r>

</w:p>
```

Note: This special style was introduced as part of Easy Access Rules publication in PDF format as a visual aid helping humans understand how a topic will be changed in the future. As such, it is not included as part of the first release of the eRules XML Export specification. Future releases will include EASA specific XML tags allowing a more consistent identification and extraction of data structures inside a topic without relying on formatting elements.

Last updated:

28/06/2022

Link:

https://www.easa.europa.eu/en/faq/136653