



**International  
Standard**

**ISO/IEC 19566-7**

**Information technologies — JPEG  
systems —**

Part 7:  
**JPEG linked media format (JLINK)**

**AMENDMENT 1: Revision to the JLINK  
XMP expressions**

**First edition  
2022-10**

**AMENDMENT 1  
2025-01**



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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology, Subcommittee SC 29, Coding of audio, picture, multimedia and hypermedia information*.

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# Information technologies — JPEG systems —

## Part 7: JPEG linked media format (JLINK)

### AMENDMENT 1: Revision to the JLINK XMP expressions

#### B.4, Table B.4

In the column “Data type”, replace the value “integer” for “Version” with the value “string”.

#### B.4, Table B.4

In the column “Schema descriptor”, replace the value “<umf:type>integer</umf:type>” for “Version” with the value “<umf:type>string</umf:type>”.

#### Subclause B.6

Replace the XMP fragment with the following:

```
<x:xmpmeta
  xmlns:x="adobe:ns:meta/" x:xmp:tk="XMP Core 5.5.0">
  <rdf:RDF
    xmlns:rdf="https://www.w3.org/1999/02/22-rdf-syntax-ns#"
    <rdf:Description rdf:about=""
      xmlns:xmp="http://ns.adobe.com/xap/1.0/"
      xmlns:umf="http://ns.intel.com/umf/2.0">
      <umf:next-id>0</umf:next-id>
      <umf:schemas>
        <rdf:Bag>
          <rdf:li rdf:parseType="Resource">
            <!-- JLINK Metadata -->
            <umf:schema>Scene</umf:schema>
            <umf:descriptors>
              <rdf:Bag>
                <rdf:li rdf:parseType="Resource">
                  <umf:name>Version</umf:name>
                  <umf:type>string</umf:type>
                </rdf:li>
                <rdf:li rdf:parseType="Resource">
                  <umf:name>Title</umf:name>
                  <umf:type>string</umf:type>
                </rdf:li>
                <rdf:li rdf:parseType="Resource">
                  <umf:name>Note</umf:name>
                  <umf:type>string</umf:type>
                </rdf:li>
                <rdf:li rdf:parseType="Resource">
                  <umf:schema>Viewport</umf:schema>
                  <umf:descriptors>
                    <rdf:Bag>
                      <rdf:li rdf:parseType="Resource">
                        <umf:name>X</umf:name>
                        <umf:type>real</umf:type>
                      </rdf:li>
                    </rdf:Bag>
                  </umf:descriptors>
                </rdf:li>
              </rdf:Bag>
            </umf:descriptors>
          </rdf:li>
        </rdf:Bag>
      </umf:schemas>
    </rdf:Description>
  </rdf:RDF>
</x:xmpmeta>
```

```

</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>Y</umf:name>
  <umf:type>real</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>XFOV</umf:name>
  <umf:type>real</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>YFOV</umf:name>
  <umf:type>real</umf:type>
</rdf:li>
  <rdf:li rdf:parseType="Resource">
    <umf:name>ID</umf:name>
    <umf:type>integer</umf:type>
  </rdf:li>
</rdf:Bag>
</umf:descriptors>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:schema>Image</umf:schema>
  <umf:descriptors>
    <rdf:Bag>
      <rdf:li rdf:parseType="Resource">
        <umf:name>Format</umf:name>
        <umf:type>string</umf:type>
      </rdf:li>
      <rdf:li rdf:parseType="Resource">
        <umf:name>Href</umf:name>
        <umf:type>string</umf:type>
      </rdf:li>
    </rdf:Bag>
  </umf:descriptors>
</rdf:li>
</rdf:Bag>
</umf:descriptors>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:schema>Link</umf:schema>
  <umf:descriptors>
    <rdf:Bag>
      <rdf:li rdf:parseType="Resource">
        <umf:schema>Region</umf:schema>
        <umf:descriptors>
          <rdf:Bag>
            <rdf:li rdf:parseType="Resource">
              <umf:name>Shape</umf:name>
              <umf:type>string</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>X</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>Y</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>W</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>H</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>Rotation</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
          </rdf:Bag>
        </umf:descriptors>
      </rdf:li>
    </rdf:Bag>
  </umf:descriptors>

```

```

</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>Duration</umf:name>
  <umf:type>integer</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>VPID</umf:name>
  <umf:type>integer</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>Sprite</umf:name>
  <umf:type>string</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>To</umf:name>
  <umf:type>string</umf:type>
</rdf:li>
</rdf:Bag>
</umf:descriptors>
</rdf:li>
</rdf:Bag>
</umf:schemas>
</rdf:Description>
</rdf:RDF>
</x:xmpmeta>

```

#### Subclause B.7

Replace the XMP fragment with the following:

```

<x:xmpmeta
  xmlns:x="adobe:ns:meta/" x:xmp:tk="XMP Core 5.5.0">
  <rdf:RDF
    xmlns:rdf="https://www.w3.org/1999/02/22-rdf-syntax-ns#"
    <rdf:Description rdf:about=""
      xmlns:xmp="http://ns.adobe.com/xap/1.0/"
      xmlns:umf="http://ns.intel.com/umf/2.0">
      <umf:next-id>0</umf:next-id>
      <umf:schemas>
      <rdf:Bag>
      <rdf:li rdf:parseType="Resource">
      <!-- JLINK Metadata -->
      <umf:schema>Scene</umf:schema>
      <umf:descriptors>
      <rdf:Bag>
      <rdf:li rdf:parseType="Resource">
      <umf:name>Version</umf:name>
      <umf:type>string</umf:type>
      </rdf:li>
      <rdf:li rdf:parseType="Resource">
      <umf:name>Title</umf:name>
      <umf:type>string</umf:type>
      </rdf:li>
      <rdf:li rdf:parseType="Resource">
      <umf:name>Note</umf:name>
      <umf:type>string</umf:type>
      </rdf:li>
      <rdf:li rdf:parseType="Resource">
      <umf:schema>Viewport</umf:schema>
      <umf:descriptors>
      <rdf:Bag>
      <rdf:li rdf:parseType="Resource">
      <umf:name>X</umf:name>
      <umf:type>real</umf:type>
      </rdf:li>
      <rdf:li rdf:parseType="Resource">
      <umf:name>Y</umf:name>
      <umf:type>real</umf:type>

```

```

</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>XFOV</umf:name>
  <umf:type>real</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>YFOV</umf:name>
  <umf:type>real</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>ID</umf:name>
  <umf:type>integer</umf:type>
</rdf:li>
</rdf:Bag>
</umf:descriptors>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:schema>Image</umf:schema>
  <umf:descriptors>
    <rdf:Bag>
      <rdf:li rdf:parseType="Resource">
        <umf:name>Format</umf:name>
        <umf:type>string</umf:type>
      </rdf:li>
      <rdf:li rdf:parseType="Resource">
        <umf:name>Href</umf:name>
        <umf:type>string</umf:type>
      </rdf:li>
    </rdf:Bag>
  </umf:descriptors>
</rdf:li>
</rdf:Bag>
</umf:descriptors>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:schema>Link</umf:schema>
  <umf:descriptors>
    <rdf:Bag>
      <rdf:li rdf:parseType="Resource">
        <umf:schema>Region</umf:schema>
        <umf:descriptors>
          <rdf:Bag>
            <rdf:li rdf:parseType="Resource">
              <umf:name>Shape</umf:name>
              <umf:type>string</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>X</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>Y</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>W</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>H</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
            <rdf:li rdf:parseType="Resource">
              <umf:name>Rotation</umf:name>
              <umf:type>real</umf:type>
            </rdf:li>
          </rdf:Bag>
        </umf:descriptors>
      </rdf:li>
    </umf:descriptors>
  </rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>Duration</umf:name>
  <umf:type>integer</umf:type>

```

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```

</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>VPID</umf:name>
  <umf:type>integer</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>Sprite</umf:name>
  <umf:type>string</umf:type>
</rdf:li>
<rdf:li rdf:parseType="Resource">
  <umf:name>To</umf:name>
  <umf:type>string</umf:type>
</rdf:li>
</rdf:Bag>
</umf:descriptors>
</rdf:li>
</rdf:Bag>
</umf:schemas>
<umf:metadata>
  <rdf:Bag>
    <rdf:li rdf:parseType="Resource">
      <umf:schema>Scene</umf:schema>
      <umf:set>
        <rdf:Bag>
          <rdf:li rdf:parseType="Resource">
            <rdf:value>1.0.0</rdf:value>
            <umf:name>Version</umf:name>
          </rdf:li>
          <rdf:li rdf:parseType="Resource">
            <rdf:value></rdf:value>
            <umf:name>Title</umf:name>
          </rdf:li>
          <rdf:li rdf:parseType="Resource">
            <rdf:value></rdf:value>
            <umf:name>Note</umf:name>
          </rdf:li>
          <rdf:li rdf:parseType="Resource">
            <umf:schema>Viewport</umf:schema>
            <umf:set>
              <rdf:Bag>
                <rdf:li rdf:parseType="Resource">
                  <rdf:value>50</rdf:value>
                  <umf:name>X</umf:name>
                </rdf:li>
                <rdf:li rdf:parseType="Resource">
                  <rdf:value>50</rdf:value>
                  <umf:name>Y</umf:name>
                </rdf:li>
                <rdf:li rdf:parseType="Resource">
                  <rdf:value>100</rdf:value>
                  <umf:name>XFOV</umf:name>
                </rdf:li>
                <rdf:li rdf:parseType="Resource">
                  <rdf:value>100</rdf:value>
                  <umf:name>YFOV</umf:name>
                </rdf:li>
                <rdf:li rdf:parseType="Resource">
                  <rdf:value>1</rdf:value>
                  <umf:name>ID</umf:name>
                </rdf:li>
              </rdf:Bag>
            </umf:set>
          </rdf:li>
        </rdf:li>
      <rdf:li rdf:parseType="Resource">
        <umf:schema>Image</umf:schema>
        <umf:set>
          <rdf:Bag>
            <rdf:li rdf:parseType="Resource">
              <rdf:value>image/jpeg</rdf:value>
              <umf:name>Format</umf:name>
            </rdf:li>
          </rdf:li>
        </rdf:li>
      </rdf:li>
    </rdf:li>
  </rdf:li>
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</rdf:Bag>
</umf:schemas>
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</rdf:Bag>

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