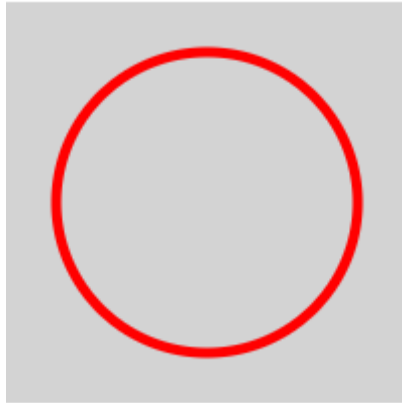


# SVG

Scalable Vector Graphics (SVG), is used for images using 2D vector graphics.

```
<svg version="1.1" xmlns="http://www.w3.org/2000/svg" width="200"
height="200" viewBox="-100 -100 200 200" style="background-color:
lightgray">
  <circle cx="0" cy="0" r="75" fill="none" stroke="red" stroke-
width="5" />
</svg>
```



# MathML

Mathematical Markup Language, is used to express mathematical notations

```
<math>
  <mrow>
    <mi>x</mi>
    <mo>=</mo>
    <mfrac>
      <mrow>
        <mrow>
          <mo>-</mo>
          <mi>b</mi>
        </mrow>
        <mo>±</mo>
      </mrow>
      <msqrt>
        <mrow>
          <msup>
            <mi>b</mi>
            <mn>2</mn>
          </msup>
          <mo>-</mo>
          <mrow>
            <mn>4</mn>
            <mo></mo>
            <mi>a</mi>
            <mo></mo>
            <mi>c</mi>
          </mrow>
        </mrow>
      </msqrt>
    </mfrac>
  </mrow>
```

```

                </mrow>
            </mrow>
        </msqrt>
    </mrow>
    <mrow>
        <mn>2</mn>
        <mo></mo>
        <mi>a</mi>
    </mrow>
</mfrac>
</mrow>
</math>

```

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

# NewsML

News Markup Language, is used for news and journalistic documents

```
<?xml version="1.0" encoding="UTF-8"?>
```

```

<newsItem
  xmlns="http://iptc.org/std/nar/2006-10-01/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://iptc.org/std/nar/2006-10-01/
    ./NewsML-G2_2.32-spec-All-Power.xsd"
  standardversion="2.32"
  guid="tag:example.com,2008:407624"
  version="11"
  standard="NewsML-G2"
  conformance="power"
  xml:lang="en">
  <catalogRef
    href="http://www.iptc.org/std/catalog/catalog.IPTC-G2-Standards_32.xml" />
  <itemMeta>
    <itemClass qcode="ninat:text"/>
    <provider qcode="nprov:AcmeNews"/>
    <versionCreated>2020-02-04T12:00:00Z</versionCreated>
  </itemMeta>
  <contentMeta>
    <subject>
      <mainConcept qcode="medtop:20001057">
        <name xml:lang="en">alpine skiing</name>
      </mainConcept>
      <facetConcept rel="aspfacet:gender" qcode="aspfacetvalue:women">
        <name xml:lang="en">women</name>
      </facetConcept>
      <facetConcept rel="aspfacet:alpineskiingtype"
        qcode="aspfacetvalue:slalom-alpineskiing">
        <name xml:lang="en">alpine skiing slalom</name>
      </facetConcept>
    </subject>
  </contentMeta>
</newsItem>

```

</subject>

</contentMeta>

</newsItem>

2020-02-04T12:00:00Z alpine skiing women alpine skiing slalom