

APPENDIX: XML SPECIFICATION

This table shows the XML specification used in our prototype system for each alt text style, and sample alt text for this “Wild West” image. [image copyright Meredith Morris, 2010]

Alt Text Style	XML Specification	Sample Alt Text
standard	<code><img src= <i>imageFilename</i> alt=<i>string</i>></code>	<code></code>
progressive detail	<code><img src= <i>imageFilename</i> detailLevel=<i>int</i> alt=<i>string</i>></code>	<p><code></code></p> <p><code></code></p> <p><code></code></p>
multimedia	<code><img src=<i>imageFilename</i> alt=<i>string</i> altAudio=<i>soundFilename</i>></code>	<code></code>
spatial* *include optional “link” attributes to transform to hyperlink style	<code><img src=<i>imageFilename</i> alt1=<i>string</i>1 x1TopLeft=<i>percentFromLeft</i> y1TopLeft=<i>percentFromTop</i> x1BottomRight=<i>percentFromLeft</i> y1BottomRight=<i>percentFromTop</i> link1=<i>bool</i> link1Entity=<i>string</i>... altN=<i>string</i>N xNTopLeft=<i>percentFromLeft</i> yNTopLeft=<i>percentFromTop</i> xNBottomRight=<i>percentFromLeft</i> yNBottomRight=<i>percentFromTop</i> linkN=<i>bool</i> linkNEntity=<i>string</i>></code>	<code></code>
question & answer	<code><img src=<i>imageFilename</i> alt=<i>string</i> q1=<i>question</i>1 a1=<i>answer</i>1 ... qN=<i>question</i>N aN=<i>answer</i>N></code>	<code></code>
categories	<code><img src=<i>imageFilename</i> alt=<i>string</i> imgType=<i>string</i> numPeople=<i>int</i> emotion=<i>string</i> action=<i>string</i> humor=<i>bool</i> setting=<i>string</i>></code>	<code></code>