

# *Named Information Items (NII): an XML Language for Configuration Information*

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**Public Specification**

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The **Named Information Item** (NII) format provides a conventions in XML for representing lists of information arranged into sets. From this point of view it is a general architecture. This note details first the general conventions. Appendixes then gives the specific NII files used in the Topologi Collaborative Markup Editor, an example of the ISO standard entity sets, and an example of 3B2 processing instructions.

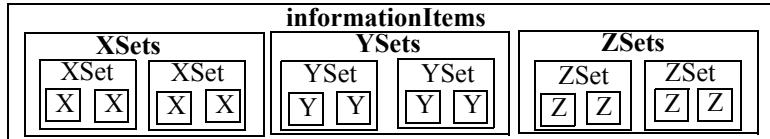
NII fills a gap in current standard languages for a standard way to represent collections of named sets of named similar items.

## *NII Conventions*

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- The top-level element is `informationItems` which contains collections.
- The next-level elements are collections, named with the name of the information item of interest, and the suffix `Sets`
- The third-level elements are sets, named with the name of the information item of interest, and the suffix `Set`
- Each set must have a `name` attribute giving the display name for that set
- The fourth-level elements are items, named with the name of the information item of interest.
- Each item must have a `name` attribute giving the display name for that item
- Subsequent levels are application-dependent.
- Elements may have other attributes as required by the application

**FIGURE 1. The Organization of an NII File**



This provides a simple partitioning scheme, where multiple sets of items can be represented without collision.

The NII format was developed to provide a simple alternative XML format for representing the ISO public entity sets.

## *Appendix A: Topologi's NII file format*

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The Topologi Collaborative Markup Editor uses NII files to configure the Sidebar Assistant, a kind of template/autocomplete mechanism. (The NII files also provide other information that can be used by other parts of the editor.) The NII files provide an interface which (planned) sidebar extraction programs can use.

Currently, the NII files should be located in an XAR (XML Application Archive). The NII file appears under the vendor/topologi.com/ directory in the XAR archive, with a .nii extension.

The NII files provide declarations for:

- sets of element declarations
- sets of attribute declarations (not used in the current editor)
- sets of entity declarations
- sets of processing instruction declarations
- sets of conventional comment templates
- sets of notation declarations (not used)

In the current Topologi Collaborative Markup Editor, these must be created by hand. However, in some future system, the declarations could be extracted from DTDs or schemas, or by sampling document sets.

Following is basically the DTD used, however this is an open DTD: other elements that conform to the NII conventions can be added without breaking the software:

```
<?xml version="1.0" ?>
<!DOCTYPE informationItems [
<!-- A DTD for declaring sets of information item names.
2002 (C) Topologi, Pty, Ltd
Rick Jelliffe, ricko@topologi.com
The top-level element is information item.
--&gt;
&lt;!ELEMENT informationItems
( elementSets?, entitySets?, processingSets?, commentSets?) &gt;

&lt;!ELEMENT elementSets (elementSet+)&gt;
&lt;!ELEMENT entitySets (entitySet+)&gt;
&lt;!ELEMENT processingSets (processingSet+)&gt;</pre>
```

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## Appendix A: Topologi's NII file format

```
<!ELEMENT commentSets (commentSet+) >

<!ELEMENT elementSet (element+)>
<!ELEMENT entitySet (entity+)>
<!ELEMENT processingSet (pi+)>
<!ELEMENT commentSet (comment+)>

<!ATTLIST elementSet
  name CDATA #REQUIRED
  prefix NMOKEN #IMPLIED
  sysid CDATA      #IMPLIED
  pubid CDATA      #IMPLIED
  help CDATA #IMPLIED
>
<!ATTLIST entitySet
  name CDATA #REQUIRED
  prefix NMOKEN #IMPLIED
  sysid CDATA      #IMPLIED
  pubid CDATA      #IMPLIED
  help CDATA #IMPLIED
>
<!ATTLIST processingSet
  name CDATA #REQUIRED
  prefix NMOKEN #IMPLIED
  sysid CDATA      #IMPLIED
  pubid CDATA      #IMPLIED
  help CDATA #IMPLIED
>
<!ATTLIST commentSet
  name CDATA #REQUIRED
  prefix NMOKEN #IMPLIED
  sysid CDATA      #IMPLIED
  pubid CDATA      #IMPLIED
  help CDATA #IMPLIED
>

<!ELEMENT element ANY >
<!ELEMENT entity ANY >
<!ELEMENT pi ANY >
<!ELEMENT comment ANY >

<!ATTLIST element
  name CDATA #REQUIRED
  status ( deprecate | unused | neutral | new ) "neutral"
  content ( element | mixed | empty | pcdata | cdata | rcdta |
  default ) "default"
  help CDATA #IMPLIED
>
<!ATTLIST entity
  name CDATA #REQUIRED
  status ( deprecate | unused | neutral | new ) "neutral"
  content ( xml | sgml | dtd | ndata | cdata) "xml"
  sysid CDATA      #IMPLIED
  pubid CDATA      #IMPLIED
  help CDATA #IMPLIED
>
<!ATTLIST pi
  name CDATA #REQUIRED
  status ( deprecate | unused | neutral | new ) "neutral"
  help CDATA #IMPLIED
>
<!ATTLIST comment
  name CDATA #REQUIRED
  status ( deprecate | unused | neutral | new ) "neutral"
```

```
    help CDATA #IMPLIED
>
] >
```

Most NII files will have the appropriate DTD at their head.

The NII entries are mainly used in the Topologi Collaborative Markup Editor in the Sidebar Assistant. This provides some autocompletion and templates. When developing an application, you can use these template to provide the tags for an element and its typical required children. The templates are text, and so must be delimited in CDATA marked sections.

For example, when the user types the Tag Open delimiter “<“ the sidebar will select the Element tab. As the user types more characters, the sidebar entry with the closest match will be selected. The sidebar will jump through all the element sets to find a match.

An NII file can have multiple sets of element declarations, because these may correspond to different namespaces or different modules. For example, the Docbook DTD includes the CALS table element declarations: we put those into its own elementSet to allow the user to find them more easily.

The sets have other identifiers associated with them: for example, SGML Formal Public Identifiers. The sets can also have a prefix string, which is a shorthand characteristic prefix name for the set: the names and prefixes could be used to help select an item (e.g. type &iso-num: and the iso-num character set will be selected). For elements, the prefix can be used to make sure that qualified names are being used.

In general, when creating an NII file, the issue of whitespace is important: in general, you should not have any leading whitespace: that is least disruptive to formatting.

The attribute *status* can be used to flag if an item is deprecated, new, unused or neutral. Each of these may be displayed differently in the list. Because many production environments have house rules about which elements or entities to use, in large standard DTDs, this allows the rules to be clearer to users.

The attribute *type* is available on some items. It is not used by the sidebar, but may be used in the future by the editor itself. In particular, it is used for SGML elements to give the *declared content type*, which should set the parser mode. (Currently, the editor does not understand these.) For NII files for SGML DTDs, it is good practise to include the correct type information, to prepare for this.

## *Appendix B: ISO Entity Sets*

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The following is a listing of the standard ISO public entity sets, mapped to Unicode. (The mapping is under review.) Note that in the following case, we are passing the characters as literals, not as entity references: hence the use of CDATA sections.

```
<informationItems>
<entitySets>
<entitySet name="iso-amsa">
<!-- Derived from the corresponding ISO 8879 standard entity set
and the Unicode character mappings provided by Sebastian Rahtz
With additional derivations from
ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/MISC/SGML.TXT --&gt;</pre>
```

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## Appendix B: ISO Entity Sets

```
<entity name="cularr"><![CDATA[&#x21B6;]]></entity> <!-- ANTICLOCKWISE TOP SEMICIRCLE ARROW -->
<entity name="curarr"><![CDATA[&#x21B7;]]></entity> <!-- CLOCKWISE TOP SEMICIRCLE ARROW -->
<entity name="dArr"><![CDATA[&#x21D3;]]></entity> <!-- DOWNWARDS DOUBLE ARROW -->
<entity name="darr2"><![CDATA[&#x21CA;]]></entity> <!-- DOWNWARDS PAIRED ARROWS -->
<entity name="dharl"><![CDATA[&#x21C3;]]></entity> <!-- DOWNWARDS HARPOON WITH BARB LEFTWARDS -->
<entity name="dharr"><![CDATA[&#x21C2;]]></entity> <!-- DOWNWARDS HARPOON WITH BARB RIGHTWARDS -->
<entity name="lAarr"><![CDATA[&#x21DA;]]></entity> <!-- LEFTWARDS TRIPLE ARROW -->
<entity name="Larr"><![CDATA[&#x219E;]]></entity> <!-- LEFTWARDS TWO HEADED ARROW -->
<entity name="larr2"><![CDATA[&#x21C7;]]></entity> <!-- LEFTWARDS PAIRED ARROWS -->
<entity name="larrhk"><![CDATA[&#x21A9;]]></entity> <!-- LEFTWARDS ARROW WITH HOOK -->
<entity name="larrlp"><![CDATA[&#x21AB;]]></entity> <!-- LEFTWARDS ARROW WITH LOOP -->
<entity name="larrtl"><![CDATA[&#x21A2;]]></entity> <!-- LEFTWARDS ARROW WITH TAIL -->
<entity name="lhard"><![CDATA[&#x21BD;]]></entity> <!-- LEFTWARDS HARPOON WITH BARB DOWNWARDS -->
<entity name="lharu"><![CDATA[&#x21C1;]]></entity> <!-- LEFTWARDS HARPOON WITH BARB UPWARDS -->
<entity name="hArr"><![CDATA[&#x21D4;]]></entity> <!-- -->
<entity name="harr"><![CDATA[&#x2194;]]></entity> <!-- LEFT RIGHT ARROW -->
<entity name="lrarr2"><![CDATA[&#x21C6;]]></entity> <!-- LEFTWARDS ARROW OVER RIGHTWARDS ARROW -->
<entity name="rlarr2"><![CDATA[&#x21C4;]]></entity> <!-- RIGHTWARDS ARROW OVER LEFTWARDS ARROW -->
<entity name="harrw"><![CDATA[&#x21AD;]]></entity> <!-- LEFT RIGHT WAVE ARROW -->
<entity name="rlhar2"><![CDATA[&#x21CC;]]></entity> <!-- RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON -->
<entity name="lrlhar2"><![CDATA[&#x21CB;]]></entity> <!-- LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON -->
<entity name="lsh">><![CDATA[&#x21B0;]]></entity> <!-- UPWARDS ARROW WITH TIP LEFTWARDS -->
<entity name="map">><![CDATA[&#x21A6;]]></entity> <!-- RIGHTWARDS ARROW FROM BAR -->
<entity name="mumap">><![CDATA[&#x22B8;]]></entity> <!-- MULTIMAP -->
<entity name="nearr">><![CDATA[&#x2197;]]></entity> <!-- NORTH EAST ARROW -->
<entity name="nlArr">><![CDATA[&#x21CD;]]></entity> <!-- LEFTWARDS DOUBLE ARROW WITH STROKE -->
<entity name="nlarr">><![CDATA[&#x219A;]]></entity> <!-- LEFTWARDS ARROW WITH STROKE -->
<entity name="nhArr">><![CDATA[&#x21CE;]]></entity> <!-- LEFT RIGHT DOUBLE ARROW WITH STROKE -->
<entity name="nharr">><![CDATA[&#x21AE;]]></entity> <!-- LEFT RIGHT ARROW WITH STROKE -->
<entity name="nrarr">><![CDATA[&#x219B;]]></entity> <!-- RIGHTWARDS DOUBLE ARROW WITH STROKE -->
<entity name="nrArr">><![CDATA[&#x21CF;]]></entity> <!-- RIGHTWARDS DOUBLE ARROW WITH STROKE -->
<entity name="nwarr">><![CDATA[&#x2196;]]></entity> <!-- NORTH WEST ARROW -->
<entity name="olarr">><![CDATA[&#x21BA;]]></entity> <!-- ANTICLOCKWISE OPEN CIRCLE ARROW -->
<entity name="orarr">><![CDATA[&#x21BB;]]></entity> <!-- CLOCKWISE OPEN CIRCLE ARROW -->
<entity name="rAarr">><![CDATA[&#x21DB;]]></entity> <!-- RIGHTWARDS TRIPLE ARROW -->
<entity name="Rarr">><![CDATA[&#x21A0;]]></entity> <!-- RIGHTWARDS TWO HEADED ARROW -->
<entity name="rarr2">><![CDATA[&#x21C9;]]></entity> <!-- RIGHTWARDS PAIRED ARROWS -->
<entity name="rarrhk">><![CDATA[&#x21AA;]]></entity> <!-- RIGHTWARDS ARROW WITH HOOK -->
<entity name="rarrlp">><![CDATA[&#x21AC;]]></entity> <!-- RIGHTWARDS ARROW WITH LOOP -->
<entity name="rarrtl">><![CDATA[&#x21A3;]]></entity> <!-- RIGHTWARDS ARROW WITH TAIL -->
<entity name="rarrw">><![CDATA[&#x219D;]]></entity> <!-- RIGHTWARDS SQUIGGLE ARROW -->
<entity name="rhard">><![CDATA[&#x21C1;]]></entity> <!-- RIGHTWARDS HARPOON WITH BARB DOWNWARDS -->
<entity name="rharu">><![CDATA[&#x21C0;]]></entity> <!-- RIGHTWARDS HARPOON WITH BARB UPWARDS -->
<entity name="rsh">><![CDATA[&#x21B1;]]></entity> <!-- UPWARDS ARROW WITH TIP RIGHTWARDS -->
<entity name="drarr">><![CDATA[&#x2198;]]></entity> <!-- SOUTH EAST ARROW -->
<entity name="dlarr">><![CDATA[&#x2199;]]></entity> <!-- SOUTH WEST ARROW -->
<entity name="uArr">><![CDATA[&#x21D1;]]></entity> <!-- UPWARDS DOUBLE ARROW -->
<entity name="uarr2">><![CDATA[&#x21C8;]]></entity> <!-- UPWARDS PAIRED ARROWS -->
<entity name="vArr">><![CDATA[&#x21D5;]]></entity> <!-- UP DOWN DOUBLE ARROW -->
<entity name="varr">><![CDATA[&#x2195;]]></entity> <!-- UP DOWN ARROW -->
<entity name="uharl">><![CDATA[&#x21BF;]]></entity> <!-- UPWARDS HARPOON WITH BARB LEFTWARDS -->
<entity name="uharr">><![CDATA[&#x21BE;]]></entity> <!-- UPWARDS HARPOON WITH BARB RIGHTWARDS -->
<entity name="xlArr">><![CDATA[&#x21D0;]]></entity> <!-- LEFTWARDS DOUBLE ARROW -->
<entity name="xhArr">><![CDATA[&#x2194;]]></entity> <!-- LEFT RIGHT ARROW -->
<entity name="xharr">><![CDATA[&#x2194;]]></entity> <!-- LEFT RIGHT ARROW -->
<entity name="xrArr">><![CDATA[&#x21D2;]]></entity> <!-- RIGHTWARDS DOUBLE ARROW -->
</entitySet>

<entitySet name="iso-amsb">
<!-- Derived from the corresponding ISO 8879 standard entity set
      and the Unicode character mappings provided by Sebastian Rahtz.
      With additional derivations from
      ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/MISC/SGML.TXT -->
<entity name="amalg">><![CDATA[&#x2210;]]></entity> <!-- N-ARY COPRODUCT -->
<entity name="Barwed">><![CDATA[&#x2306;]]></entity> <!-- PERSPECTIVE -->

```

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## Appendix B: ISO Entity Sets

```

<entity name="barwed">><! [CDATA[
]]></entity> <!-- NAND -->
<entity name="Cap">><! [CDATA[
]]></entity> <!-- DOUBLE INTERSECTION -->
<entity name="Cup">><! [CDATA[
]]></entity> <!-- DOUBLE UNION -->
<entity name="cuvee">><! [CDATA[
]]></entity> <!-- CURLY LOGICAL OR -->
<entity name="cuwed">><! [CDATA[
]]></entity> <!-- CURLY LOGICAL AND -->
<entity name="diam">><! [CDATA[
]]></entity> <!-- DIAMOND OPERATOR -->
<entity name="divonx">><! [CDATA[
]]></entity> <!-- DIVISION TIMES -->
<entity name="intcal">><! [CDATA[
]]></entity> <!-- INTERCALATE -->
<entity name="lthree">><! [CDATA[
]]></entity> <!-- LEFT SEMIDIRECT PRODUCT -->
<entity name="ltimes">><! [CDATA[
]]></entity> <!-- LEFT NORMAL FACTOR SEMIDIRECT
PRODUCT -->
<entity name="minusb">><! [CDATA[
]]></entity> <!-- SQUARED MINUS -->
<entity name="oast">><! [CDATA[
]]></entity> <!-- CIRCLED ASTERISK OPERATOR -->
<entity name="ocir">><! [CDATA[
]]></entity> <!-- CIRCLED RING OPERATOR -->
<entity name="odash">><! [CDATA[
]]></entity> <!-- CIRCLED DASH -->
<entity name="odot">><! [CDATA[
]]></entity> <!-- CIRCLED DOT OPERATOR -->
<entity name="ominus">><! [CDATA[
]]></entity> <!-- CIRCLED MINUS -->
<entity name="oplus">><! [CDATA[
]]></entity> <!-- CIRCLED PLUS -->
<entity name="osol">><! [CDATA[
]]></entity> <!-- CIRCLED DIVISION SLASH -->
<entity name="otimes">><! [CDATA[
]]></entity> <!-- CIRCLED TIMES -->
<entity name="plusb">><! [CDATA[
]]></entity> <!-- SQUARED PLUS -->
<entity name="plusdo">><! [CDATA[
]]></entity> <!-- DOT PLUS -->
<entity name="rthree">><! [CDATA[
]]></entity> <!-- RIGHT SEMIDIRECT PRODUCT -->
<entity name="rtimes">><! [CDATA[
]]></entity> <!-- RIGHT NORMAL FACTOR SEMIDIRECT
PRODUCT -->
<entity name="sdot">><! [CDATA[
]]></entity> <!-- DOT OPERATOR -->
<entity name="sdotb">><! [CDATA[
]]></entity> <!-- SQUARED DOT OPERATOR -->
<entity name="setmn">><! [CDATA[
]]></entity> <!-- SET MINUS -->
<entity name="sqcap">><! [CDATA[
]]></entity> <!-- SQUARE CAP -->
<entity name="sqcup">><! [CDATA[
]]></entity> <!-- SQUARE CUP -->
<entity name="ssetmn">><! [CDATA[
]]></entity> <!-- SET MINUS -->
<entity name="sstarf">><! [CDATA[
]]></entity> <!-- STAR OPERATOR -->
<entity name="timesb">><! [CDATA[
]]></entity> <!-- SQUARED TIMES -->
<entity name="top">><! [CDATA[
]]></entity> <!-- DOWN TACK -->
<entity name="uplus">><! [CDATA[
]]></entity> <!-- MULTISET UNION -->
<entity name="wreath">><! [CDATA[
]]></entity> <!-- WREATH PRODUCT -->
<entity name="xcirc">><! [CDATA[
]]></entity> <!-- WHITE CIRCLE -->
<entity name="xdtri">><! [CDATA[
]]></entity> <!-- WHITE DOWN-POINTING TRIANGLE -->
<entity name="xutri">><! [CDATA[
]]></entity> <!-- WHITE UP-POINTING TRIANGLE -->
<entity name="coprod">><! [CDATA[
]]></entity> <!-- N-ARY COPRODUCT -->
<entity name="prod">><! [CDATA[
]]></entity> <!-- N-ARY PRODUCT -->
<entity name="sum">><! [CDATA[
]]></entity> <!-- N-ARY SUMMATION -->
</entitySet>

<entitySet name="iso-amsc" >

<!-- Derived from the corresponding ISO 8879 standard entity set
and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="rceil">><! [CDATA[
]]></entity> <!-- RIGHT CEILING -->
<entity name="rfloor">><! [CDATA[
]]></entity> <!-- RIGHT FLOOR -->
<entity name="rpargt">><! [CDATA[
]]></entity> <!-- -->
<entity name="urcorn">><! [CDATA[
]]></entity> <!-- TOP RIGHT CORNER -->
<entity name="drcorn">><! [CDATA[
]]></entity> <!-- BOTTOM RIGHT CORNER -->
<entity name="lceil">><! [CDATA[
]]></entity> <!-- LEFT CEILING -->
<entity name="lfloor">><! [CDATA[
]]></entity> <!-- LEFT FLOOR -->
<!-- lpargtUnknown unicode character -->
<entity name="ulcorn">><! [CDATA[
]]></entity> <!-- TOP LEFT CORNER -->
<entity name="dlcorn">><! [CDATA[
]]></entity> <!-- BOTTOM LEFT CORNER -->
</entitySet>

<entitySet name="iso-cyrl" >

<!-- Derived from the corresponding ISO 8879 standard entity set
and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="acy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER A -->
<entity name="Acy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER A -->
<entity name="bcy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER BE -->
<entity name="Bcy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER BE -->
<entity name="vcy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER VE -->
<entity name="Vcy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER VE -->
<entity name="gcy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER GHE -->
<entity name="Gcy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER GHE -->
<entity name="dcy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER DE -->
<entity name="Dcy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER DE -->
<entity name="iecy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER IE -->
<entity name="IEcy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER IE -->
<entity name="iocy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER IO -->
<entity name="IOcy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER IO -->
<entity name="zhcy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER ZHE -->
<entity name="Zhcy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER ZHE -->
<entity name="zcy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER ZE -->
<entity name="Zcy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER ZE -->
<entity name="icy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER I -->
<entity name="Icy">><! [CDATA[
]]></entity> <!-- CYRILLIC CAPITAL LETTER I -->
<entity name="jcy">><! [CDATA[
]]></entity> <!-- CYRILLIC SMALL LETTER SHORT I -->

```

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## Appendix B: ISO Entity Sets

```
<entity name="Jcy"><! [CDATA[&#x0419;]]></entity> <!-- CYRILLIC CAPITAL LETTER SHORT I --
->
<entity name="kcy"><! [CDATA[&#x043A;]]></entity> <!-- CYRILLIC SMALL LETTER KA -->
<entity name="Kcy"><! [CDATA[&#x041A;]]></entity> <!-- CYRILLIC CAPITAL LETTER KA -->
<entity name="lcy"><! [CDATA[&#x043B;]]></entity> <!-- CYRILLIC SMALL LETTER EL -->
<entity name="Lcy"><! [CDATA[&#x041B;]]></entity> <!-- CYRILLIC CAPITAL LETTER EL -->
<entity name="mcy"><! [CDATA[&#x043C;]]></entity> <!-- CYRILLIC SMALL LETTER EM -->
<entity name="Mcy"><! [CDATA[&#x041C;]]></entity> <!-- CYRILLIC CAPITAL LETTER EM -->
<entity name="ncy"><! [CDATA[&#x043D;]]></entity> <!-- CYRILLIC SMALL LETTER EN -->
<entity name="Ncy"><! [CDATA[&#x041D;]]></entity> <!-- CYRILLIC CAPITAL LETTER EN -->
<entity name="ocy"><! [CDATA[&#x043E;]]></entity> <!-- CYRILLIC SMALL LETTER O -->
<entity name="Ocy"><! [CDATA[&#x041E;]]></entity> <!-- CYRILLIC CAPITAL LETTER O -->
<entity name="pcy"><! [CDATA[&#x043F;]]></entity> <!-- CYRILLIC SMALL LETTER PE -->
<entity name="Pcy"><! [CDATA[&#x041F;]]></entity> <!-- CYRILLIC CAPITAL LETTER PE -->
<entity name="rcy"><! [CDATA[&#x0440;]]></entity> <!-- CYRILLIC SMALL LETTER ER -->
<entity name="Rcy"><! [CDATA[&#x0420;]]></entity> <!-- CYRILLIC CAPITAL LETTER ER -->
<entity name="scy"><! [CDATA[&#x0441;]]></entity> <!-- CYRILLIC SMALL LETTER ES -->
<entity name="Scy"><! [CDATA[&#x0421;]]></entity> <!-- CYRILLIC CAPITAL LETTER ES -->
<entity name="tcy"><! [CDATA[&#x0442;]]></entity> <!-- CYRILLIC SMALL LETTER TE -->
<entity name="Tcy"><! [CDATA[&#x0422;]]></entity> <!-- CYRILLIC CAPITAL LETTER TE -->
<entity name="ucy"><! [CDATA[&#x0443;]]></entity> <!-- CYRILLIC SMALL LETTER U -->
<entity name="Ucy"><! [CDATA[&#x0423;]]></entity> <!-- CYRILLIC CAPITAL LETTER U -->
<entity name="fcy"><! [CDATA[&#x0444;]]></entity> <!-- CYRILLIC SMALL LETTER EF -->
<entity name="Fcy"><! [CDATA[&#x0424;]]></entity> <!-- CYRILLIC CAPITAL LETTER EF -->
<entity name="khcy"><! [CDATA[&#x0445;]]></entity> <!-- CYRILLIC SMALL LETTER HA -->
<entity name="KHcy"><! [CDATA[&#x0425;]]></entity> <!-- CYRILLIC CAPITAL LETTER HA -->
<entity name="tscy"><! [CDATA[&#x0446;]]></entity> <!-- CYRILLIC SMALL LETTER TSE -->
<entity name="TScy"><! [CDATA[&#x0426;]]></entity> <!-- CYRILLIC CAPITAL LETTER TSE -->
<entity name="chcy"><! [CDATA[&#x0447;]]></entity> <!-- CYRILLIC SMALL LETTER CHE -->
<entity name="CHcy"><! [CDATA[&#x0427;]]></entity> <!-- CYRILLIC CAPITAL LETTER CHE -->
<entity name="shcy"><! [CDATA[&#x0448;]]></entity> <!-- CYRILLIC SMALL LETTER SHA -->
<entity name="SHcy"><! [CDATA[&#x0428;]]></entity> <!-- CYRILLIC CAPITAL LETTER SHA -->
<entity name="shchcy"><! [CDATA[&#x0449;]]></entity> <!-- CYRILLIC SMALL LETTER SHCHA -->
<entity name="SHCHcy"><! [CDATA[&#x0429;]]></entity> <!-- CYRILLIC CAPITAL LETTER SHCHA -->
<entity name="hardcy"><! [CDATA[&#x044A;]]></entity> <!-- CYRILLIC SMALL LETTER HARD SIGN -->
<entity name="HARDcy"><! [CDATA[&#x042A;]]></entity> <!-- CYRILLIC CAPITAL LETTER HARD SIGN -->
<entity name="ycy"><! [CDATA[&#x044B;]]></entity> <!-- CYRILLIC SMALL LETTER YERU -->
<entity name="Ycy"><! [CDATA[&#x042B;]]></entity> <!-- CYRILLIC CAPITAL LETTER YERU -->
<entity name="softcy"><! [CDATA[&#x044C;]]></entity> <!-- CYRILLIC SMALL LETTER SOFT SIGN -->
<entity name="SOFTcy"><! [CDATA[&#x042C;]]></entity> <!-- CYRILLIC CAPITAL LETTER SOFT SIGN -->
<entity name="ecy"><! [CDATA[&#x044D;]]></entity> <!-- CYRILLIC SMALL LETTER E -->
<entity name="Ecy"><! [CDATA[&#x042D;]]></entity> <!-- CYRILLIC CAPITAL LETTER E -->
<entity name="yucy"><! [CDATA[&#x044E;]]></entity> <!-- CYRILLIC SMALL LETTER YU -->
<entity name="YUcy"><! [CDATA[&#x042E;]]></entity> <!-- CYRILLIC CAPITAL LETTER YU -->
<entity name="yacy"><! [CDATA[&#x044F;]]></entity> <!-- CYRILLIC SMALL LETTER YA -->
<entity name="YAcy"><! [CDATA[&#x042F;]]></entity> <!-- CYRILLIC CAPITAL LETTER YA -->
<entity name="numero"><! [CDATA[&#x2116;]]></entity> <!-- NUMERO SIGN -->
</entitySet>

<entitySet name="iso-cyr2" >

<!-- Derived from the corresponding ISO 8879 standard entity set
     and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="djcy"&gt;&lt;! [CDATA[&amp;#x0452;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER DJE --&gt;
&lt;entity name="DJcy"&gt;&lt;! [CDATA[&amp;#x0402;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER DJE --&gt;
&lt;entity name="gjcy"&gt;&lt;! [CDATA[&amp;#x0453;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER GJE --&gt;
&lt;entity name="GJcy"&gt;&lt;! [CDATA[&amp;#x0403;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER GJE --&gt;
&lt;entity name="jukcy"&gt;&lt;! [CDATA[&amp;#x0454;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER UKRAINIAN IE --&gt;
&lt;entity name="Jukcy"&gt;&lt;! [CDATA[&amp;#x0404;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER UKRAINIAN IE --&gt;
&lt;entity name="dscy"&gt;&lt;! [CDATA[&amp;#x0455;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER DZE --&gt;
&lt;entity name="DScy"&gt;&lt;! [CDATA[&amp;#x0405;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER DZE --&gt;
&lt;entity name="iukcy"&gt;&lt;! [CDATA[&amp;#x0456;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER BYELORUSIAN-UKRAINIAN I --&gt;
&lt;entity name="Iukcy"&gt;&lt;! [CDATA[&amp;#x0406;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I --&gt;
&lt;entity name="yicy"&gt;&lt;! [CDATA[&amp;#x0457;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER YI --&gt;
&lt;entity name="YIcy"&gt;&lt;! [CDATA[&amp;#x0407;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER YI --&gt;
&lt;entity name="jsercy"&gt;&lt;! [CDATA[&amp;#x0458;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER JE --&gt;
&lt;entity name="Jsercy"&gt;&lt;! [CDATA[&amp;#x0408;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER JE --&gt;
&lt;entity name="ljcy"&gt;&lt;! [CDATA[&amp;#x0459;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER LJE --&gt;
&lt;entity name="LJcy"&gt;&lt;! [CDATA[&amp;#x0409;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER LJE --&gt;
&lt;entity name="njcy"&gt;&lt;! [CDATA[&amp;#x045A;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER NJE --&gt;
&lt;entity name="NJcy"&gt;&lt;! [CDATA[&amp;#x040A;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER NJE --&gt;
&lt;entity name="tshcy"&gt;&lt;! [CDATA[&amp;#x045B;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER TSHE --&gt;
&lt;entity name="TShcy"&gt;&lt;! [CDATA[&amp;#x040B;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER TSHE --&gt;
&lt;entity name="kjcy"&gt;&lt;! [CDATA[&amp;#x045C;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC SMALL LETTER KJE --&gt;
&lt;entity name="KJcy"&gt;&lt;! [CDATA[&amp;#x040C;]]&gt;&lt;/entity&gt; &lt;!-- CYRILLIC CAPITAL LETTER KJE --&gt;</pre>
```

---

## Appendix B: ISO Entity Sets

```

<entity name="ubrcy">><! [CDATA[&#x045E;]]></entity> <!-- CYRILLIC SMALL LETTER SHORT U --
-->
<entity name="Ubrcy">><! [CDATA[&#x040E;]]></entity> <!-- CYRILLIC CAPITAL LETTER SHORT U --
-->
<entity name="dzcy">><! [CDATA[&#x045F;]]></entity> <!-- CYRILLIC SMALL LETTER DZHE -->
<entity name="DZcy">><! [CDATA[&#x040F;]]></entity> <!-- CYRILLIC CAPITAL LETTER DZHE -->
</entitySet>

<entitySet name="iso-dia" >

<!-- Derived from the corresponding ISO 8879 standard entity set
     and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="acute">><! [CDATA[&#x00B4;]]></entity> <!-- ACUTE ACCENT -->
<entity name="breve">><! [CDATA[&#x02D8;]]></entity> <!-- BREVE -->
<entity name="caron">><! [CDATA[&#x02C7;]]></entity> <!-- CARON -->
<entity name="cedil">><! [CDATA[&#x00B8;]]></entity> <!-- CEDILLA -->
<entity name="circ">><! [CDATA[&#x005E;]]></entity> <!-- RING OPERATOR -->
<entity name="dblac">><! [CDATA[&#x02DD;]]></entity> <!-- DOUBLE ACUTE ACCENT -->
<entity name="die">><! [CDATA[&#x00A8;]]></entity> <!-- -->
<entity name="dot">><! [CDATA[&#x02D9;]]></entity> <!-- DOT ABOVE -->
<entity name="grave">><! [CDATA[&#x0060;]]></entity> <!-- GRAVE ACCENT -->
<entity name="macr">><! [CDATA[&#x00AF;]]></entity> <!-- MACRON -->
<entity name="ogon">><! [CDATA[&#x02DB;]]></entity> <!-- OGONEK -->
<entity name="ring">><! [CDATA[&#x02DA;]]></entity> <!-- RING ABOVE -->
<entity name="tilde">><! [CDATA[&#x02DC;]]></entity> <!-- TILDE -->
<entity name="uml">><! [CDATA[&#x00A8;]]></entity> <!-- -->
</entitySet>

<entitySet name="iso-grk1" >

<!-- Derived from the corresponding ISO 8879 standard entity set
     and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="agr">><! [CDATA[&#x03B1;]]></entity> <!-- -->
<entity name="Agr">><! [CDATA[&#x0391;]]></entity> <!-- GREEK CAPITAL LETTER ALPHA -->
<entity name="bgr">><! [CDATA[&#x03B2;]]></entity> <!-- GREEK SMALL LETTER BETA -->
<entity name="Bgr">><! [CDATA[&#x0392;]]></entity> <!-- GREEK CAPITAL LETTER BETA -->
<entity name="ggr">><! [CDATA[&#x03B3;]]></entity> <!-- GREEK SMALL LETTER GAMMA -->
<entity name="Ggr">><! [CDATA[&#x0393;]]></entity> <!-- GREEK CAPITAL LETTER GAMMA -->
<entity name="dgr">><! [CDATA[&#x03B4;]]></entity> <!-- GREEK SMALL LETTER DELTA -->
<entity name="Dgr">><! [CDATA[&#x0394;]]></entity> <!-- GREEK CAPITAL LETTER DELTA -->
<entity name="egr">><! [CDATA[&#x03B5;]]></entity> <!-- -->
<entity name="Egr">><! [CDATA[&#x0395;]]></entity> <!-- GREEK CAPITAL LETTER EPSILON -->
<entity name="zgr">><! [CDATA[&#x03B6;]]></entity> <!-- GREEK SMALL LETTER ZETA -->
<entity name="Zgr">><! [CDATA[&#x0396;]]></entity> <!-- GREEK CAPITAL LETTER ZETA -->
<entity name="eegr">><! [CDATA[&#x03B7;]]></entity> <!-- GREEK SMALL LETTER ETA -->
<entity name="Eegr">><! [CDATA[&#x0397;]]></entity> <!-- GREEK CAPITAL LETTER ETA -->
<entity name="thgr">><! [CDATA[&#x03B8;]]></entity> <!-- -->
<entity name="Thgr">><! [CDATA[&#x0398;]]></entity> <!-- GREEK CAPITAL LETTER THETA -->
<entity name="igr">><! [CDATA[&#x03B9;]]></entity> <!-- GREEK SMALL LETTER IOTA -->
<entity name="Igr">><! [CDATA[&#x0399;]]></entity> <!-- GREEK CAPITAL LETTER IOTA -->
<entity name="kgr">><! [CDATA[&#x03B0;]]></entity> <!-- GREEK SMALL LETTER KAPPA -->
<entity name="Kgr">><! [CDATA[&#x039A;]]></entity> <!-- GREEK CAPITAL LETTER KAPPA -->
<entity name="lgr">><! [CDATA[&#x03B1;]]></entity> <!-- GREEK SMALL LETTER LAMDA -->
<entity name="Igr">><! [CDATA[&#x039B;]]></entity> <!-- GREEK CAPITAL LETTER LAMDA -->
<entity name="mgr">><! [CDATA[&#x03BC;]]></entity> <!-- GREEK SMALL LETTER MU -->
<entity name="Mgr">><! [CDATA[&#x039C;]]></entity> <!-- GREEK CAPITAL LETTER MU -->
<entity name="ngr">><! [CDATA[&#x03BD;]]></entity> <!-- GREEK SMALL LETTER NU -->
<entity name="Ngr">><! [CDATA[&#x039D;]]></entity> <!-- GREEK CAPITAL LETTER NU -->
<entity name="xgr">><! [CDATA[&#x03BE;]]></entity> <!-- GREEK SMALL LETTER XI -->
<entity name="Xgr">><! [CDATA[&#x039E;]]></entity> <!-- GREEK CAPITAL LETTER XI -->
<entity name="ogr">><! [CDATA[&#x03BF;]]></entity> <!-- GREEK SMALL LETTER OMICRON -->
<entity name="Ogr">><! [CDATA[&#x039F;]]></entity> <!-- GREEK CAPITAL LETTER OMICRON -->
<entity name="pgr">><! [CDATA[&#x03C0;]]></entity> <!-- GREEK SMALL LETTER PI -->
<entity name="Pgr">><! [CDATA[&#x03A0;]]></entity> <!-- GREEK CAPITAL LETTER PI -->
<entity name="rgr">><! [CDATA[&#x03C1;]]></entity> <!-- GREEK SMALL LETTER RHO -->
<entity name="Rgr">><! [CDATA[&#x03A1;]]></entity> <!-- GREEK CAPITAL LETTER RHO -->
<entity name="sgr">><! [CDATA[&#x03C3;]]></entity> <!-- GREEK SMALL LETTER SIGMA -->
<entity name="Sgr">><! [CDATA[&#x03A3;]]></entity> <!-- GREEK CAPITAL LETTER SIGMA -->
<entity name="sfrg">><! [CDATA[&#x03C2;]]></entity> <!-- -->
<entity name="tgr">><! [CDATA[&#x03C4;]]></entity> <!-- GREEK SMALL LETTER TAU -->
<entity name="Tgr">><! [CDATA[&#x03A4;]]></entity> <!-- GREEK CAPITAL LETTER TAU -->
<entity name="ugr">><! [CDATA[&#x03C5;]]></entity> <!-- GREEK SMALL LETTER UPSILON -->
<entity name="Ugr">><! [CDATA[&#x03A5;]]></entity> <!-- -->
<entity name="phgr">><! [CDATA[&#x03C6;]]></entity> <!-- GREEK SMALL LETTER PHI -->
<entity name="Phgr">><! [CDATA[&#x03A6;]]></entity> <!-- GREEK CAPITAL LETTER PHI -->
<entity name="khgr">><! [CDATA[&#x03C7;]]></entity> <!-- GREEK SMALL LETTER CHI -->
<entity name="Khgr">><! [CDATA[&#x03A7;]]></entity> <!-- GREEK CAPITAL LETTER CHI -->
<entity name="psgr">><! [CDATA[&#x03C8;]]></entity> <!-- GREEK SMALL LETTER PSI -->
<entity name="PSgr">><! [CDATA[&#x03A8;]]></entity> <!-- GREEK CAPITAL LETTER PSI -->
<entity name="ohgr">><! [CDATA[&#x03C9;]]></entity> <!-- GREEK SMALL LETTER OMEGA -->
<entity name="Ohgr">><! [CDATA[&#x03A9;]]></entity> <!-- GREEK CAPITAL LETTER OMEGA -->
</entitySet>

<entitySet name="iso-grk2" >

<!-- Derived from the corresponding ISO 8879 standard entity set
     and the Unicode character mappings provided by Sebastian Rahtz --&gt;
</pre>

```

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## Appendix B: ISO Entity Sets

```
<entity name="aacgr"><! [CDATA[&#x03AC;]]></entity> <!-- GREEK SMALL LETTER ALPHA WITH  
TONOS -->  
<entity name="Aacgr"><! [CDATA[&#x0386;]]></entity> <!-- GREEK CAPITAL LETTER ALPHA WITH  
TONOS -->  
<entity name="eacgr"><! [CDATA[&#x03AD;]]></entity> <!-- GREEK SMALL LETTER EPSILON WITH  
TONOS -->  
<entity name="Eacgr"><! [CDATA[&#x0388;]]></entity> <!-- GREEK CAPITAL LETTER EPSILON  
WITH TONOS -->  
<entity name="eeacgr"><! [CDATA[&#x03AE;]]></entity> <!-- GREEK SMALL LETTER ETA WITH  
TONOS -->  
<entity name="EEacgr"><! [CDATA[&#x0389;]]></entity> <!-- GREEK CAPITAL LETTER ETA WITH  
TONOS -->  
<entity name="idigr"><! [CDATA[&#x03CA;]]></entity> <!-- GREEK SMALL LETTER IOTA WITH  
DIALYTIKA -->  
<entity name="Idigr"><! [CDATA[&#x03AA;]]></entity> <!-- GREEK CAPITAL LETTER IOTA WITH  
DIALYTIKA -->  
<entity name="iacgr"><! [CDATA[&#x03AF;]]></entity> <!-- GREEK SMALL LETTER IOTA WITH  
TONOS -->  
<entity name="Iacgr"><! [CDATA[&#x038A;]]></entity> <!-- GREEK CAPITAL LETTER IOTA WITH  
TONOS -->  
<entity name="idiagr"><! [CDATA[&#x0390;]]></entity> <!-- GREEK SMALL LETTER IOTA WITH  
DIALYTIKA AND TONOS -->  
<entity name="oacgr"><! [CDATA[&#x03CC;]]></entity> <!-- GREEK SMALL LETTER OMICRON WITH  
TONOS -->  
<entity name="Oacgr"><! [CDATA[&#x038C;]]></entity> <!-- GREEK CAPITAL LETTER OMICRON  
WITH TONOS -->  
<entity name="udigr"><! [CDATA[&#x03CB;]]></entity> <!-- GREEK SMALL LETTER UPSILON WITH  
DIALYTIKA -->  
<entity name="Udigr"><! [CDATA[&#x03AB;]]></entity> <!-- GREEK CAPITAL LETTER UPSILON  
WITH DIALYTIKA -->  
<entity name="uacgr"><! [CDATA[&#x03CD;]]></entity> <!-- GREEK SMALL LETTER UPSILON WITH  
TONOS -->  
<entity name="Uacgr"><! [CDATA[&#x038E;]]></entity> <!-- GREEK CAPITAL LETTER UPSILON  
WITH TONOS -->  
<entity name="udiagr"><! [CDATA[&#x03B0;]]></entity> <!-- GREEK SMALL LETTER UPSILON  
WITH DIALYTIKA AND TONOS -->  
<entity name="ohacgr"><! [CDATA[&#x03CE;]]></entity> <!-- GREEK SMALL LETTER OMEGA WITH  
TONOS -->  
<entity name="OHacgr"><! [CDATA[&#x038F;]]></entity> <!-- GREEK CAPITAL LETTER OMEGA  
WITH TONOS -->  
    </entitySet>  
  
<entitySet name="iso-grk3" >  
  
    <!-- Derived from the corresponding ISO 8879 standard entity set  
        and the Unicode character mappings provided by Sebastian Rahtz -->  
  
    <entity name="alpha"><! [CDATA[&#x03B1;]]></entity> <!-- -->  
    <entity name="beta"><! [CDATA[&#x03B2;]]></entity> <!-- GREEK SMALL LETTER BETA -->  
    <entity name="gamma"><! [CDATA[&#x03B3;]]></entity> <!-- GREEK SMALL LETTER GAMMA -->  
    <entity name="Gamma"><! [CDATA[&#x0393;]]></entity> <!-- GREEK CAPITAL LETTER GAMMA -->  
    <entity name="gammad"><! [CDATA[&#x03DC;]]></entity> <!-- GREEK LETTER DIGAMMA -->  
    <entity name="delta"><! [CDATA[&#x03B4;]]></entity> <!-- GREEK SMALL LETTER DELTA -->  
    <entity name="Delta"><! [CDATA[&#x0394;]]></entity> <!-- GREEK CAPITAL LETTER DELTA -->  
    <entity name="epsi"><! [CDATA[&#x220A;]]></entity> <!-- -->  
    <entity name="epsiv"><! [CDATA[&#x03B5;]]></entity> <!-- -->  
    <entity name="epsis"><! [CDATA[&#x220A;]]></entity> <!-- -->  
    <entity name="zeta"><! [CDATA[&#x03B6;]]></entity> <!-- GREEK SMALL LETTER ZETA -->  
    <entity name="eta"><! [CDATA[&#x03B7;]]></entity> <!-- GREEK SMALL LETTER ETA -->  
    <entity name="thetas"><! [CDATA[&#x03B8;]]></entity> <!-- -->  
    <entity name="Theta"><! [CDATA[&#x0398;]]></entity> <!-- GREEK CAPITAL LETTER THETA -->  
    <entity name="thetav"><! [CDATA[&#x03D1;]]></entity> <!-- -->  
    <entity name="iota"><! [CDATA[&#x03B9;]]></entity> <!-- GREEK SMALL LETTER IOTA -->  
    <entity name="kappa"><! [CDATA[&#x03B1;]]></entity> <!-- GREEK SMALL LETTER KAPPA -->  
    <entity name="kappav"><! [CDATA[&#x03F0;]]></entity> <!-- GREEK KAPPA SYMBOL -->  
    <entity name="lambda"><! [CDATA[&#x03B2;]]></entity> <!-- GREEK SMALL LETTER LAMDA -->  
    <entity name="Lambda"><! [CDATA[&#x03C1;]]></entity> <!-- GREEK CAPITAL LETTER LAMDA -->  
    <entity name="mu"><! [CDATA[&#x03B3;]]></entity> <!-- GREEK SMALL LETTER MU -->  
    <entity name="nu"><! [CDATA[&#x03BD;]]></entity> <!-- GREEK SMALL LETTER NU -->  
    <entity name="xi"><! [CDATA[&#x03C4;]]></entity> <!-- GREEK SMALL LETTER XI -->  
    <entity name="Xi"><! [CDATA[&#x039E;]]></entity> <!-- GREEK CAPITAL LETTER XI -->  
    <entity name="pi"><! [CDATA[&#x03C0;]]></entity> <!-- GREEK SMALL LETTER PI -->  
    <entity name="piv"><! [CDATA[&#x03D6;]]></entity> <!-- GREEK PI SYMBOL -->  
    <entity name="Pi"><! [CDATA[&#x03A0;]]></entity> <!-- GREEK CAPITAL LETTER PI -->  
    <entity name="rho"><! [CDATA[&#x03C1;]]></entity> <!-- GREEK SMALL LETTER RHO -->  
    <entity name="rhov"><! [CDATA[&#x03F1;]]></entity> <!-- GREEK RHO SYMBOL -->  
    <entity name="sigma"><! [CDATA[&#x03C3;]]></entity> <!-- GREEK SMALL LETTER SIGMA -->  
    <entity name="Sigma"><! [CDATA[&#x03A3;]]></entity> <!-- GREEK CAPITAL LETTER SIGMA -->  
    <entity name="sigmav"><! [CDATA[&#x03C2;]]></entity> <!-- -->  
    <entity name="tau"><! [CDATA[&#x03C4;]]></entity> <!-- GREEK SMALL LETTER TAU -->  
    <entity name="upsii"><! [CDATA[&#x03C5;]]></entity> <!-- GREEK SMALL LETTER UPSILON -->  
    <entity name="Upsi"><! [CDATA[&#x03D2;]]></entity> <!-- -->  
    <entity name="phis"><! [CDATA[&#x03C6;]]></entity> <!-- GREEK SMALL LETTER PHI -->  
    <entity name="Phi"><! [CDATA[&#x03A6;]]></entity> <!-- GREEK CAPITAL LETTER PHI -->  
    <entity name="phiv"><! [CDATA[&#x03D5;]]></entity> <!-- GREEK PHI SYMBOL -->  
    <entity name="chi"><! [CDATA[&#x03C7;]]></entity> <!-- GREEK SMALL LETTER CHI -->  
    <entity name="psi"><! [CDATA[&#x03C8;]]></entity> <!-- GREEK SMALL LETTER PSI -->
```

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## Appendix B: ISO Entity Sets

```
<entity name="Psi"><! [CDATA[&#x03A8;]]></entity> <!-- GREEK CAPITAL LETTER PSI -->
<entity name="omega"><! [CDATA[&#x03C9;]]></entity> <!-- GREEK SMALL LETTER OMEGA -->
<entity name="Omega"><! [CDATA[&#x03A9;]]></entity> <!-- GREEK CAPITAL LETTER OMEGA -->
</entitySet>

<entitySet name="iso-grk4" >

<!-- Derived from the corresponding ISO 8879 standard entity set
     and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="b.alpha"&gt;&lt;! [CDATA[&amp;#x03B1;]]&gt;&lt;/entity&gt; &lt;!-- --&gt;
&lt;entity name="b.beta"&gt;&lt;! [CDATA[&amp;#x03B2;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER BETA --&gt;
&lt;entity name="b.gamma"&gt;&lt;! [CDATA[&amp;#x03B3;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER GAMMA --&gt;
&lt;entity name="b.Gamma"&gt;&lt;! [CDATA[&amp;#x0393;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER GAMMA --&gt;
&lt;entity name="b.gammad" &gt;&lt;! [CDATA[&amp;#x03DC;]]&gt;&lt;/entity&gt; &lt;!-- GREEK LETTER DIGAMMA --&gt;
&lt;entity name="b.delta"&gt;&lt;! [CDATA[&amp;#x03B4;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER DELTA --&gt;
&lt;entity name="b.Delta"&gt;&lt;! [CDATA[&amp;#x0394;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER DELTA --&gt;
&lt;entity name="b.epsi"&gt;&lt;! [CDATA[&amp;#x03B5;]]&gt;&lt;/entity&gt; &lt;!-- --&gt;
&lt;entity name="b.epsiv"&gt;&lt;! [CDATA[&amp;#x03B5;]]&gt;&lt;/entity&gt; &lt;!-- --&gt;
&lt;entity name="b.epsis"&gt;&lt;! [CDATA[&amp;#x03B5;]]&gt;&lt;/entity&gt; &lt;!-- --&gt;
&lt;entity name="b.zeta"&gt;&lt;! [CDATA[&amp;#x03B6;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER ZETA --&gt;
&lt;entity name="b.eta"&gt;&lt;! [CDATA[&amp;#x03B7;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER ETA --&gt;
&lt;entity name="b.thetas"&gt;&lt;! [CDATA[&amp;#x03B8;]]&gt;&lt;/entity&gt; &lt;!-- --&gt;
&lt;entity name="b.Theta"&gt;&lt;! [CDATA[&amp;#x0398;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER THETA --&gt;
&lt;entity name="b.thetav" &gt;&lt;! [CDATA[&amp;#x03D1;]]&gt;&lt;/entity&gt; &lt;!-- --&gt;
&lt;entity name="b.iota"&gt;&lt;! [CDATA[&amp;#x03B9;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER IOTA --&gt;
&lt;entity name="b.kappa"&gt;&lt;! [CDATA[&amp;#x03BA;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER KAPPA --&gt;
&lt;entity name="b.kappav"&gt;&lt;! [CDATA[&amp;#x03F0;]]&gt;&lt;/entity&gt; &lt;!-- GREEK KAPPA SYMBOL --&gt;
&lt;entity name="b.lambda"&gt;&lt;! [CDATA[&amp;#x03BB;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER LAMDA --&gt;
&lt;entity name="b.Lambda"&gt;&lt;! [CDATA[&amp;#x039B;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER LAMDA --&gt;
&lt;entity name="b.mu"&gt;&lt;! [CDATA[&amp;#x03BC;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER MU --&gt;
&lt;entity name="b.nu"&gt;&lt;! [CDATA[&amp;#x03BD;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER NU --&gt;
&lt;entity name="b.xi"&gt;&lt;! [CDATA[&amp;#x03BE;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER XI --&gt;
&lt;entity name="b.Xi"&gt;&lt;! [CDATA[&amp;#x039E;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER XI --&gt;
&lt;entity name="b.pi"&gt;&lt;! [CDATA[&amp;#x03C0;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER PI --&gt;
&lt;entity name="b.Pi"&gt;&lt;! [CDATA[&amp;#x03A0;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER PI --&gt;
&lt;entity name="b.piv"&gt;&lt;! [CDATA[&amp;#x03D6;]]&gt;&lt;/entity&gt; &lt;!-- GREEK PI SYMBOL --&gt;
&lt;entity name="b.rho"&gt;&lt;! [CDATA[&amp;#x03C1;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER RHO --&gt;
&lt;entity name="b.rhov" &gt;&lt;! [CDATA[&amp;#x03F1;]]&gt;&lt;/entity&gt; &lt;!-- GREEK RHO SYMBOL --&gt;
&lt;entity name="b.sigmap" &gt;&lt;! [CDATA[&amp;#x03C3;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER SIGMA --&gt;
&lt;entity name="b.Sigma" &gt;&lt;! [CDATA[&amp;#x03A3;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER SIGMA --&gt;
&lt;entity name="b.sigmav" &gt;&lt;! [CDATA[&amp;#x03C2;]]&gt;&lt;/entity&gt; &lt;!-- --&gt;
&lt;entity name="b.tau" &gt;&lt;! [CDATA[&amp;#x03C4;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER TAU --&gt;
&lt;entity name="b.upsi" &gt;&lt;! [CDATA[&amp;#x03C5;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER UPSILON --&gt;
&lt;entity name="b.Upsi" &gt;&lt;! [CDATA[&amp;#x03D2;]]&gt;&lt;/entity&gt; &lt;!-- --&gt;
&lt;entity name="b.phis" &gt;&lt;! [CDATA[&amp;#x03C6;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER PHI --&gt;
&lt;entity name="b.Phi" &gt;&lt;! [CDATA[&amp;#x03A6;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER PHI --&gt;
&lt;entity name="b.phiv" &gt;&lt;! [CDATA[&amp;#x03D5;]]&gt;&lt;/entity&gt; &lt;!-- GREEK PHI SYMBOL --&gt;
&lt;entity name="b.chi" &gt;&lt;! [CDATA[&amp;#x03C7;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER CHI --&gt;
&lt;entity name="b.psi" &gt;&lt;! [CDATA[&amp;#x03C8;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER PSI --&gt;
&lt;entity name="b.Psi" &gt;&lt;! [CDATA[&amp;#x03A8;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER PSI --&gt;
&lt;entity name="b.omega" &gt;&lt;! [CDATA[&amp;#x03C9;]]&gt;&lt;/entity&gt; &lt;!-- GREEK SMALL LETTER OMEGA --&gt;
&lt;entity name="b.Omega" &gt;&lt;! [CDATA[&amp;#x03A9;]]&gt;&lt;/entity&gt; &lt;!-- GREEK CAPITAL LETTER OMEGA --&gt;
&lt;/entitySet&gt;

&lt;entitySet name="iso-lat1" &gt;

<!-- Derived from the corresponding ISO 8879 standard entity set
     and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="aacute"&gt;&lt;! [CDATA[&amp;#x00E1;]]&gt;&lt;/entity&gt; &lt;!-- LATIN SMALL LETTER A WITH ACUTE --&gt;
&lt;entity name="Aacute"&gt;&lt;! [CDATA[&amp;#x00C1;]]&gt;&lt;/entity&gt; &lt;!-- LATIN CAPITAL LETTER A WITH ACUTE --&gt;
&lt;entity name="acirc"&gt;&lt;! [CDATA[&amp;#x00E2;]]&gt;&lt;/entity&gt; &lt;!-- LATIN SMALL LETTER A WITH CIRCUMFLEX --&gt;
&lt;entity name="Acirc"&gt;&lt;! [CDATA[&amp;#x00C2;]]&gt;&lt;/entity&gt; &lt;!-- LATIN CAPITAL LETTER A WITH CIRCUMFLEX --&gt;
&lt;entity name="grave"&gt;&lt;! [CDATA[&amp;#x00E0;]]&gt;&lt;/entity&gt; &lt;!-- LATIN SMALL LETTER A WITH GRAVE --&gt;
&lt;entity name="Agrave"&gt;&lt;! [CDATA[&amp;#x00C0;]]&gt;&lt;/entity&gt; &lt;!-- LATIN CAPITAL LETTER A WITH GRAVE --&gt;
&lt;entity name="aring" &gt;&lt;! [CDATA[&amp;#x00E5;]]&gt;&lt;/entity&gt; &lt;!-- LATIN SMALL LETTER A WITH RING ABOVE --&gt;
&lt;entity name="Aring"&gt;&lt;! [CDATA[&amp;#x00C5;]]&gt;&lt;/entity&gt; &lt;!-- LATIN CAPITAL LETTER A WITH RING ABOVE --&gt;
&lt;entity name="atilde" &gt;&lt;! [CDATA[&amp;#x00E3;]]&gt;&lt;/entity&gt; &lt;!-- LATIN SMALL LETTER A WITH TILDE --&gt;
&lt;entity name="Atilde" &gt;&lt;! [CDATA[&amp;#x00C3;]]&gt;&lt;/entity&gt; &lt;!-- LATIN CAPITAL LETTER A WITH TILDE --&gt;</pre>
```

---

## Appendix B: ISO Entity Sets

```
<entity name="auml"><! [CDATA[&#x00E4;]]></entity> <!-- LATIN SMALL LETTER A WITH DIAERESIS -->
<entity name="Auml"><! [CDATA[&#x00C4;]]></entity> <!-- LATIN CAPITAL LETTER A WITH DIAERESIS -->
<entity name="aelig"><! [CDATA[&#x00E6;]]></entity> <!-- LATIN SMALL LETTER AE -->
<entity name="AElig"><! [CDATA[&#x00C6;]]></entity> <!-- LATIN CAPITAL LETTER AE -->
<entity name="ccedil"><! [CDATA[&#x00E7;]]></entity> <!-- LATIN SMALL LETTER C WITH CEDILLA -->
<entity name="Ccedil"><! [CDATA[&#x00C7;]]></entity> <!-- LATIN CAPITAL LETTER C WITH CEDILLA -->
<entity name="eth"><! [CDATA[&#x00F0;]]></entity> <!-- LATIN SMALL LETTER ETH -->
<entity name="ETH"><! [CDATA[&#x00D0;]]></entity> <!-- LATIN CAPITAL LETTER ETH -->
<entity name="eacute"><! [CDATA[&#x00E9;]]></entity> <!-- LATIN SMALL LETTER E WITH ACUTE -->
<entity name="Eacute"><! [CDATA[&#x00C9;]]></entity> <!-- LATIN CAPITAL LETTER E WITH ACUTE -->
<entity name="ecirc"><! [CDATA[&#x00EA;]]></entity> <!-- LATIN SMALL LETTER E WITH CIRCUMFLEX -->
<entity name="Ecirc"><! [CDATA[&#x00CA;]]></entity> <!-- LATIN CAPITAL LETTER E WITH CIRCUMPLEX -->
<entity name="egrave"><! [CDATA[&#x00E8;]]></entity> <!-- LATIN SMALL LETTER E WITH GRAVE -->
<entity name="Egrave"><! [CDATA[&#x00C8;]]></entity> <!-- LATIN CAPITAL LETTER E WITH GRAVE -->
<entity name="euml"><! [CDATA[&#x00EB;]]></entity> <!-- LATIN SMALL LETTER E WITH DIAERESIS -->
<entity name="Euml"><! [CDATA[&#x00CB;]]></entity> <!-- LATIN CAPITAL LETTER E WITH DIAERESIS -->
<entity name="iacute"><! [CDATA[&#x00ED;]]></entity> <!-- LATIN SMALL LETTER I WITH ACUTE -->
<entity name="Iacute"><! [CDATA[&#x00CD;]]></entity> <!-- LATIN CAPITAL LETTER I WITH ACUTE -->
<entity name="icirc"><! [CDATA[&#x00EE;]]></entity> <!-- LATIN SMALL LETTER I WITH CIRCUMFLEX -->
<entity name="Icirc"><! [CDATA[&#x00CE;]]></entity> <!-- LATIN CAPITAL LETTER I WITH CIRCUMPLEX -->
<entity name="igrave"><! [CDATA[&#x00EC;]]></entity> <!-- LATIN SMALL LETTER I WITH GRAVE -->
<entity name="Igrave"><! [CDATA[&#x00CC;]]></entity> <!-- LATIN CAPITAL LETTER I WITH GRAVE -->
<entity name="iuml"><! [CDATA[&#x00EF;]]></entity> <!-- LATIN SMALL LETTER I WITH DIAERESIS -->
<entity name="Iuml"><! [CDATA[&#x00CF;]]></entity> <!-- LATIN CAPITAL LETTER I WITH DIAERESIS -->
<entity name="ntilde"><! [CDATA[&#x00F1;]]></entity> <!-- LATIN SMALL LETTER N WITH TILDE -->
<entity name="Ntilde"><! [CDATA[&#x00D1;]]></entity> <!-- LATIN CAPITAL LETTER N WITH TILDE -->
<entity name="oacute"><! [CDATA[&#x00F3;]]></entity> <!-- LATIN SMALL LETTER O WITH ACUTE -->
<entity name="Oacute"><! [CDATA[&#x00D3;]]></entity> <!-- LATIN CAPITAL LETTER O WITH ACUTE -->
<entity name="ocirc"><! [CDATA[&#x00F4;]]></entity> <!-- LATIN SMALL LETTER O WITH CIRCUMFLEX -->
<entity name="Ocirc"><! [CDATA[&#x00D4;]]></entity> <!-- LATIN CAPITAL LETTER O WITH CIRCUMPLEX -->
<entity name="ograve"><! [CDATA[&#x00F2;]]></entity> <!-- LATIN SMALL LETTER O WITH GRAVE -->
<entity name="Ograve"><! [CDATA[&#x00D2;]]></entity> <!-- LATIN CAPITAL LETTER O WITH GRAVE -->
<entity name="oslash"><! [CDATA[&#x00F8;]]></entity> <!-- LATIN SMALL LETTER O WITH STROKE -->
<entity name="Oslash"><! [CDATA[&#x00D8;]]></entity> <!-- LATIN CAPITAL LETTER O WITH STROKE -->
<entity name="otilde"><! [CDATA[&#x00F5;]]></entity> <!-- LATIN SMALL LETTER O WITH TILDE -->
<entity name="Otilde"><! [CDATA[&#x00D5;]]></entity> <!-- LATIN CAPITAL LETTER O WITH TILDE -->
<entity name="ouml"><! [CDATA[&#x00F6;]]></entity> <!-- LATIN SMALL LETTER O WITH DIAERESIS -->
<entity name="Ouml"><! [CDATA[&#x00D6;]]></entity> <!-- LATIN CAPITAL LETTER O WITH DIAERESIS -->
<entity name="szlig"><! [CDATA[&#x00D7;]]></entity> <!-- LATIN SMALL LETTER SHARP S -->
<entity name="thorn"><! [CDATA[&#x00F;]]></entity> <!-- LATIN SMALL LETTER THORN -->
<entity name="THORN"><! [CDATA[&#x00DE;]]></entity> <!-- LATIN CAPITAL LETTER THORN -->
<entity name="uacute"><! [CDATA[&#x00FA;]]></entity> <!-- LATIN SMALL LETTER U WITH ACUTE -->
<entity name="Uacute"><! [CDATA[&#x00DA;]]></entity> <!-- LATIN CAPITAL LETTER U WITH ACUTE -->
<entity name="ucirc"><! [CDATA[&#x00FB;]]></entity> <!-- LATIN SMALL LETTER U WITH CIRCUMFLEX -->
<entity name="Ucirc"><! [CDATA[&#x00DB;]]></entity> <!-- LATIN CAPITAL LETTER U WITH CIRCUMPLEX -->
<entity name="ugrave"><! [CDATA[&#x00F9;]]></entity> <!-- LATIN SMALL LETTER U WITH GRAVE -->
<entity name="Ugrave"><! [CDATA[&#x00D9;]]></entity> <!-- LATIN CAPITAL LETTER U WITH GRAVE -->
```

---

## Appendix B: ISO Entity Sets

```
<entity name="uuml"><![CDATA[&#x00FC;]]></entity> <!-- LATIN SMALL LETTER U WITH DIAERESIS -->
<entity name="Uuml"><![CDATA[&#x00DC;]]></entity> <!-- LATIN CAPITAL LETTER U WITH DIAERESIS -->
<entity name="yacute"><![CDATA[&#x00FD;]]></entity> <!-- LATIN SMALL LETTER Y WITH ACUTE -->
<entity name="Yacute"><![CDATA[&#x00DD;]]></entity> <!-- LATIN CAPITAL LETTER Y WITH ACUTE -->
<entity name="yuml"><![CDATA[&#x00FF;]]></entity> <!-- LATIN SMALL LETTER Y WITH DIAERESIS -->
</entitySet>

<entitySet name="iso-lat2" >

<!-- Derived from the corresponding ISO 8879 standard entity set
and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="abreve"&gt;&lt;![CDATA[&amp;#x0103;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER A WITH BREVE --&gt;
&lt;entity name="Abreve"&gt;&lt;![CDATA[&amp;#x0102;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER A WITH BREVE --&gt;
&lt;entity name="amacr"&gt;&lt;![CDATA[&amp;#x0101;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER A WITH MACRON --&gt;
&lt;entity name="Amacr"&gt;&lt;![CDATA[&amp;#x0100;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER A WITH MACRON --&gt;
&lt;entity name="aogon"&gt;&lt;![CDATA[&amp;#x0105;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER A WITH OGONEK --&gt;
&lt;entity name="Aogon"&gt;&lt;![CDATA[&amp;#x0104;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER A WITH OGONEK --&gt;
&lt;entity name="cacute"&gt;&lt;![CDATA[&amp;#x0107;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER C WITH ACUTE --&gt;
&lt;entity name="Cacute"&gt;&lt;![CDATA[&amp;#x0106;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER C WITH ACUTE --&gt;
&lt;entity name="ccaron"&gt;&lt;![CDATA[&amp;#x010D;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER C WITH CARON --&gt;
&lt;entity name="Ccaron"&gt;&lt;![CDATA[&amp;#x010C;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER C WITH CARON --&gt;
&lt;entity name="ccirc"&gt;&lt;![CDATA[&amp;#x0109;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER C WITH CIRCUMFLEX --&gt;
&lt;entity name="Ccirc"&gt;&lt;![CDATA[&amp;#x0108;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER C WITH CIRCUMFLEX --&gt;
&lt;entity name="cdot"&gt;&lt;![CDATA[&amp;#x010B;]]&gt;&lt;/entity&gt; &lt!-- DOT OPERATOR --&gt;
&lt;entity name="Cdot"&gt;&lt;![CDATA[&amp;#x010A;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER C WITH DOT ABOVE --&gt;
&lt;entity name="dcaron"&gt;&lt;![CDATA[&amp;#x010F;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER D WITH CARON --&gt;
&lt;entity name="Dcaron"&gt;&lt;![CDATA[&amp;#x010E;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER D WITH CARON --&gt;
&lt;entity name="dstrok"&gt;&lt;![CDATA[&amp;#x0111;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER D WITH STROKE --&gt;
&lt;entity name="Dstrok"&gt;&lt;![CDATA[&amp;#x0110;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER D WITH STROKE --&gt;
&lt;entity name="ecaron"&gt;&lt;![CDATA[&amp;#x011B;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER E WITH CARON --&gt;
&lt;entity name="Ecaron"&gt;&lt;![CDATA[&amp;#x011A;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER E WITH CARON --&gt;
&lt;entity name="edot"&gt;&lt;![CDATA[&amp;#x0117;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER E WITH DOT ABOVE --&gt;
&lt;entity name="Edot"&gt;&lt;![CDATA[&amp;#x0116;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER E WITH DOT ABOVE --&gt;
&lt;entity name="emacr"&gt;&lt;![CDATA[&amp;#x0113;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER E WITH MACRON --&gt;
&lt;entity name="Emacr"&gt;&lt;![CDATA[&amp;#x0112;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER E WITH MACRON --&gt;
&lt;entity name="eogon"&gt;&lt;![CDATA[&amp;#x0119;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER E WITH OGONEK --&gt;
&lt;entity name="Eogon"&gt;&lt;![CDATA[&amp;#x0118;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER E WITH OGONEK --&gt;
&lt;entity name="gacute"&gt;&lt;![CDATA[&amp;#x01F5;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER G WITH ACUTE --&gt;
&lt;entity name="gbreve"&gt;&lt;![CDATA[&amp;#x011F;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER G WITH BREVE --&gt;
&lt;entity name="Gbreve"&gt;&lt;![CDATA[&amp;#x011E;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER G WITH BREVE --&gt;
&lt;entity name="Gcedil"&gt;&lt;![CDATA[&amp;#x0122;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER G WITH CEDILLA --&gt;
&lt;entity name="gcirc"&gt;&lt;![CDATA[&amp;#x011D;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER G WITH CIRCUMFLEX --&gt;
&lt;entity name="Gcirc"&gt;&lt;![CDATA[&amp;#x011C;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER G WITH CIRCUMFLEX --&gt;
&lt;entity name="gdot"&gt;&lt;![CDATA[&amp;#x0121;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER G WITH DOT ABOVE --&gt;
&lt;entity name="Gdot"&gt;&lt;![CDATA[&amp;#x0120;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER G WITH DOT ABOVE --&gt;
&lt;entity name="hcirc"&gt;&lt;![CDATA[&amp;#x0125;]]&gt;&lt;/entity&gt; &lt!-- LATIN SMALL LETTER H WITH CIRCUMFLEX --&gt;
&lt;entity name="Hcirc"&gt;&lt;![CDATA[&amp;#x0124;]]&gt;&lt;/entity&gt; &lt!-- LATIN CAPITAL LETTER H WITH CIRCUMFLEX --&gt;</pre>
```

---

## Appendix B: ISO Entity Sets

```
<entity name="hstrok"><![CDATA[&#x0127;]]></entity> <!-- LATIN SMALL LETTER H WITH STROKE -->
<entity name="Hstrok"><![CDATA[&#x0126;]]></entity> <!-- LATIN CAPITAL LETTER H WITH STROKE -->
<entity name="Idot"><![CDATA[&#x0130;]]></entity> <!-- LATIN CAPITAL LETTER I WITH DOT ABOVE -->
<entity name="Imacr"><![CDATA[&#x012A;]]></entity> <!-- LATIN CAPITAL LETTER I WITH MACRON -->
<entity name="imacr"><![CDATA[&#x012B;]]></entity> <!-- LATIN SMALL LETTER I WITH MACRON -->
<entity name="ijlig"><![CDATA[&#x0133;]]></entity> <!-- LATIN SMALL LIGATURE IJ -->
<entity name="IJlig"><![CDATA[&#x0132;]]></entity> <!-- LATIN CAPITAL LIGATURE IJ -->
<entity name="inodot"><![CDATA[&#x0131;]]></entity> <!-- LATIN SMALL LETTER DOTLESS I -->
<entity name="iogon"><![CDATA[&#x012F;]]></entity> <!-- LATIN SMALL LETTER I WITH OGONEK -->
<entity name="Iogon"><![CDATA[&#x012E;]]></entity> <!-- LATIN CAPITAL LETTER I WITH OGONEK -->
<entity name="itilde"><![CDATA[&#x0129;]]></entity> <!-- LATIN SMALL LETTER I WITH TILDE -->
<entity name="Itilde"><![CDATA[&#x0128;]]></entity> <!-- LATIN CAPITAL LETTER I WITH TILDE -->
<entity name="jcirc"><![CDATA[&#x0135;]]></entity> <!-- LATIN SMALL LETTER J WITH CIRCUMFLEX -->
<entity name="Jcirc"><![CDATA[&#x0134;]]></entity> <!-- LATIN CAPITAL LETTER J WITH CIRCUMFLEX -->
<entity name="kcedil"><![CDATA[&#x0137;]]></entity> <!-- LATIN SMALL LETTER K WITH CEDILLA -->
<entity name="Kcedil"><![CDATA[&#x0136;]]></entity> <!-- LATIN CAPITAL LETTER K WITH CEDILLA -->
<entity name="kgreen"><![CDATA[&#x0138;]]></entity> <!-- LATIN SMALL LETTER KRA -->
<entity name="lacute"><![CDATA[&#x013A;]]></entity> <!-- LATIN SMALL LETTER L WITH ACUTE -->
<entity name="Lacute"><![CDATA[&#x0139;]]></entity> <!-- LATIN CAPITAL LETTER L WITH ACUTE -->
<entity name="lcaron"><![CDATA[&#x013E;]]></entity> <!-- LATIN SMALL LETTER L WITH CARON -->
<entity name="Lcaron"><![CDATA[&#x013D;]]></entity> <!-- LATIN CAPITAL LETTER L WITH CARON -->
<entity name="lcedil"><![CDATA[&#x013C;]]></entity> <!-- LATIN SMALL LETTER L WITH CEDILLA -->
<entity name="Lcedil"><![CDATA[&#x013B;]]></entity> <!-- LATIN CAPITAL LETTER L WITH CEDILLA -->
<entity name="lmidot"><![CDATA[&#x0140;]]></entity> <!-- LATIN SMALL LETTER L WITH MIDDLE DOT -->
<entity name="Lmidot"><![CDATA[&#x013F;]]></entity> <!-- LATIN CAPITAL LETTER L WITH MIDDLE DOT -->
<entity name="lstrok"><![CDATA[&#x0142;]]></entity> <!-- LATIN SMALL LETTER L WITH STROKE -->
<entity name="Lstrok"><![CDATA[&#x0141;]]></entity> <!-- LATIN CAPITAL LETTER L WITH STROKE -->
<entity name="nacute"><![CDATA[&#x0144;]]></entity> <!-- LATIN SMALL LETTER N WITH ACUTE -->
<entity name="Nacute"><![CDATA[&#x0143;]]></entity> <!-- LATIN CAPITAL LETTER N WITH ACUTE -->
<entity name="eng"><![CDATA[&#x014B;]]></entity> <!-- LATIN SMALL LETTER ENG -->
<entity name="ENG"><![CDATA[&#x014A;]]></entity> <!-- LATIN CAPITAL LETTER ENG -->
<entity name="napos"><![CDATA[&#x0149;]]></entity> <!-- LATIN SMALL LETTER N PRECEDED BY APOSTROPHE -->
<entity name="ncaron"><![CDATA[&#x0148;]]></entity> <!-- LATIN SMALL LETTER N WITH CARON -->
<entity name="Ncaron"><![CDATA[&#x0147;]]></entity> <!-- LATIN CAPITAL LETTER N WITH CARON -->
<entity name="ncedil"><![CDATA[&#x0146;]]></entity> <!-- LATIN SMALL LETTER N WITH CEDILLA -->
<entity name="Ncedil"><![CDATA[&#x0145;]]></entity> <!-- LATIN CAPITAL LETTER N WITH CEDILLA -->
<entity name="odblac"><![CDATA[&#x0151;]]></entity> <!-- LATIN SMALL LETTER O WITH DOUBLE ACUTE -->
<entity name="Odblac"><![CDATA[&#x0150;]]></entity> <!-- LATIN CAPITAL LETTER O WITH DOUBLE ACUTE -->
<entity name="Omacr"><![CDATA[&#x014C;]]></entity> <!-- LATIN CAPITAL LETTER O WITH MACRON -->
<entity name="omacr"><![CDATA[&#x014D;]]></entity> <!-- LATIN SMALL LETTER O WITH MACRON -->
<entity name="oeilig"><![CDATA[&#x0153;]]></entity> <!-- LATIN SMALL LIGATURE OE -->
<entity name="OEilig"><![CDATA[&#x0152;]]></entity> <!-- LATIN CAPITAL LIGATURE OE -->
<entity name="racute"><![CDATA[&#x0155;]]></entity> <!-- LATIN SMALL LETTER R WITH ACUTE -->
<entity name="Racute"><![CDATA[&#x0154;]]></entity> <!-- LATIN CAPITAL LETTER R WITH ACUTE -->
<entity name="rcaron"><![CDATA[&#x0159;]]></entity> <!-- LATIN SMALL LETTER R WITH CARON -->
<entity name="Rcaron"><![CDATA[&#x0158;]]></entity> <!-- LATIN CAPITAL LETTER R WITH CARON -->
<entity name="rcedil"><![CDATA[&#x0157;]]></entity> <!-- LATIN SMALL LETTER R WITH CEDILLA -->
```

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## Appendix B: ISO Entity Sets

```
<entity name="Rcedil"><! [CDATA[&#x0156;]]></entity> <!-- LATIN CAPITAL LETTER R WITH  
CEDILLA -->  
<entity name="acute"><! [CDATA[&#x015B;]]></entity> <!-- LATIN SMALL LETTER S WITH  
ACUTE -->  
<entity name="Sacute"><! [CDATA[&#x015A;]]></entity> <!-- LATIN CAPITAL LETTER S WITH  
ACUTE -->  
<entity name="scaron"><! [CDATA[&#x0161;]]></entity> <!-- LATIN SMALL LETTER S WITH  
CARON -->  
<entity name="Scaron"><! [CDATA[&#x0160;]]></entity> <!-- LATIN CAPITAL LETTER S WITH  
CARON -->  
<entity name="scedil"><! [CDATA[&#x015F;]]></entity> <!-- LATIN SMALL LETTER S WITH  
CEDILLA -->  
<entity name="Scedil"><! [CDATA[&#x015E;]]></entity> <!-- LATIN CAPITAL LETTER S WITH  
CEDILLA -->  
<entity name="scirc"><! [CDATA[&#x015D;]]></entity> <!-- LATIN SMALL LETTER S WITH CIR-  
CUMFLEX -->  
<entity name="Scirc"><! [CDATA[&#x015C;]]></entity> <!-- LATIN CAPITAL LETTER S WITH  
CIRCUMFLEX -->  
<entity name="tcaron"><! [CDATA[&#x0165;]]></entity> <!-- LATIN SMALL LETTER T WITH  
CARON -->  
<entity name="Tcaron"><! [CDATA[&#x0164;]]></entity> <!-- LATIN CAPITAL LETTER T WITH  
CARON -->  
<entity name="tcedil"><! [CDATA[&#x0163;]]></entity> <!-- LATIN SMALL LETTER T WITH  
CEDILLA -->  
<entity name="Tcedil"><! [CDATA[&#x0162;]]></entity> <!-- LATIN CAPITAL LETTER T WITH  
CEDILLA -->  
<entity name="tstrok"><! [CDATA[&#x0167;]]></entity> <!-- LATIN SMALL LETTER T WITH  
STROKE -->  
<entity name="Tstrok"><! [CDATA[&#x0166;]]></entity> <!-- LATIN CAPITAL LETTER T WITH  
STROKE -->  
<entity name="ubreve"><! [CDATA[&#x016D;]]></entity> <!-- LATIN SMALL LETTER U WITH  
BREVE -->  
<entity name="Ubreve"><! [CDATA[&#x016C;]]></entity> <!-- LATIN CAPITAL LETTER U WITH  
BREVE -->  
<entity name="udblac"><! [CDATA[&#x0171;]]></entity> <!-- LATIN SMALL LETTER U WITH DOU-  
BLE ACUTE -->  
<entity name="Udblac"><! [CDATA[&#x0170;]]></entity> <!-- LATIN CAPITAL LETTER U WITH  
DOUBLE ACUTE -->  
<entity name="umacr"><! [CDATA[&#x016B;]]></entity> <!-- LATIN SMALL LETTER U WITH  
MACRON -->  
<entity name="Umacr"><! [CDATA[&#x016A;]]></entity> <!-- LATIN CAPITAL LETTER U WITH  
MACRON -->  
<entity name="uogon"><! [CDATA[&#x0173;]]></entity> <!-- LATIN SMALL LETTER U WITH  
OGONEK -->  
<entity name="Uogon"><! [CDATA[&#x0172;]]></entity> <!-- LATIN CAPITAL LETTER U WITH  
OGONEK -->  
<entity name="uring"><! [CDATA[&#x016F;]]></entity> <!-- LATIN SMALL LETTER U WITH RING  
ABOVE -->  
<entity name="Uring"><! [CDATA[&#x016E;]]></entity> <!-- LATIN CAPITAL LETTER U WITH  
RING ABOVE -->  
<entity name="utilde"><! [CDATA[&#x0169;]]></entity> <!-- LATIN SMALL LETTER U WITH  
TILDE -->  
<entity name="Utilde"><! [CDATA[&#x0168;]]></entity> <!-- LATIN CAPITAL LETTER U WITH  
TILDE -->  
<entity name="wcirc"><! [CDATA[&#x0175;]]></entity> <!-- LATIN SMALL LETTER W WITH CIR-  
CUMFLEX -->  
<entity name="Wcirc"><! [CDATA[&#x0174;]]></entity> <!-- LATIN CAPITAL LETTER W WITH  
CIRCUMFLEX -->  
<entity name="ycirc"><! [CDATA[&#x0177;]]></entity> <!-- LATIN SMALL LETTER Y WITH CIR-  
CUMFLEX -->  
<entity name="Ycirc"><! [CDATA[&#x0176;]]></entity> <!-- LATIN CAPITAL LETTER Y WITH  
CIRCUMFLEX -->  
<entity name="Yuml"><! [CDATA[&#x0178;]]></entity> <!-- LATIN CAPITAL LETTER Y WITH  
DIAERESIS -->  
<entity name="zacute"><! [CDATA[&#x017A;]]></entity> <!-- LATIN SMALL LETTER Z WITH  
ACUTE -->  
<entity name="Zacute"><! [CDATA[&#x0179;]]></entity> <!-- LATIN CAPITAL LETTER Z WITH  
ACUTE -->  
<entity name="zcaron"><! [CDATA[&#x017E;]]></entity> <!-- LATIN SMALL LETTER Z WITH  
CARON -->  
<entity name="Zcaron"><! [CDATA[&#x017D;]]></entity> <!-- LATIN CAPITAL LETTER Z WITH  
CARON -->  
<entity name="zdot"><! [CDATA[&#x017C;]]></entity> <!-- LATIN SMALL LETTER Z WITH DOT  
ABOVE -->  
<entity name="Zdot"><! [CDATA[&#x017B;]]></entity> <!-- LATIN CAPITAL LETTER Z WITH DOT  
ABOVE -->  
</entitySet>  
  
<entitySet name="iso-pub" >  
  
<!-- Derived from the corresponding ISO 8879 standard entity set  
and the Unicode character mappings provided by Sebastian Rahtz -->  
  
<entity name="emsp"><! [CDATA[&#x2003;]]></entity> <!-- EM SPACE -->  
<entity name="ensp"><! [CDATA[&#x2002;]]></entity> <!-- EN SPACE -->  
<entity name="emsp13"><! [CDATA[&#x2004;]]></entity> <!-- THREE-PER-EM SPACE -->  
<entity name="emsp14"><! [CDATA[&#x2005;]]></entity> <!-- FOUR-PER-EM SPACE -->  
<entity name="numsp"><! [CDATA[&#x2007;]]></entity> <!-- FIGURE SPACE -->
```

---

## Appendix B: ISO Entity Sets

```
<entity name="puncsp">><![CDATA[&#x2008;]]>/</entity> <!-- PUNCTUATION SPACE -->
<entity name="thinsp">><![CDATA[&#x2009;]]>/</entity> <!-- THIN SPACE -->
<entity name="hairsp">><![CDATA[&#x200A;]]>/</entity> <!-- HAIR SPACE -->
<entity name="mdash">><![CDATA[&#x2014;]]>/</entity> <!-- EM DASH -->
<entity name="ndash">><![CDATA[&#x2013;]]>/</entity> <!-- EN DASH -->
<entity name="dash">><![CDATA[&#x2010;]]>/</entity> <!-- HYPHEN -->
<entity name="blank">><![CDATA[&#x2423;]]>/</entity> <!-- OPEN BOX -->
<entity name="hellip">><![CDATA[&#x2026;]]>/</entity> <!-- HORIZONTAL ELLIPSIS -->
<entity name="nldr">><![CDATA[&#x2025;]]>/</entity> <!-- TWO DOT LEADER -->
<entity name="frac13">><![CDATA[&#x2153;]]>/</entity> <!-- VULGAR FRACTION ONE THIRD -->
<entity name="frac23">><![CDATA[&#x2154;]]>/</entity> <!-- VULGAR FRACTION TWO THIRDS -->
<entity name="frac15">><![CDATA[&#x2155;]]>/</entity> <!-- VULGAR FRACTION ONE FIFTH -->
<entity name="frac25">><![CDATA[&#x2156;]]>/</entity> <!-- VULGAR FRACTION TWO FIFTHS -->
<entity name="frac35">><![CDATA[&#x2157;]]>/</entity> <!-- VULGAR FRACTION THREE FIFTHS -->
<entity name="frac45">><![CDATA[&#x2158;]]>/</entity> <!-- VULGAR FRACTION FOUR FIFTHS -->
<entity name="frac16">><![CDATA[&#x2159;]]>/</entity> <!-- VULGAR FRACTION ONE SIXTH -->
<entity name="frac56">><![CDATA[&#x215A;]]>/</entity> <!-- VULGAR FRACTION FIVE SIXTHS -->
<entity name="incare">><![CDATA[&#x2105;]]>/</entity> <!-- CARE OF -->
<entity name="block">><![CDATA[&#x2588;]]>/</entity> <!-- FULL BLOCK -->
<entity name="uhblk">><![CDATA[&#x2580;]]>/</entity> <!-- UPPER HALF BLOCK -->
<entity name="lhblk">><![CDATA[&#x2584;]]>/</entity> <!-- LOWER HALF BLOCK -->
<entity name="blk14">><![CDATA[&#x2591;]]>/</entity> <!-- LIGHT SHADE -->
<entity name="blk12">><![CDATA[&#x2592;]]>/</entity> <!-- MEDIUM SHADE -->
<entity name="blk34">><![CDATA[&#x2593;]]>/</entity> <!-- DARK SHADE -->
<entity name="marker">><![CDATA[&#x25AE;]]>/</entity> <!-- BLACK VERTICAL RECTANGLE -->
<entity name="cir">><![CDATA[&#x25CB;]]>/</entity> <!-- WHITE CIRCLE -->
<entity name="squ">><![CDATA[&#x25A1;]]>/</entity> <!-- WHITE SQUARE -->
<entity name="rect">><![CDATA[&#x25AD;]]>/</entity> <!-- WHITE RECTANGLE -->
<entity name="uri">><![CDATA[&#x25B5;]]>/</entity> <!-- WHITE UP-POINTING TRIANGLE -->
<entity name="dtri">><![CDATA[&#x25BF;]]>/</entity> <!-- WHITE DOWN-POINTING TRIANGLE -->
<entity name="star">><![CDATA[&#x2C26;]]>/</entity> <!-- STAR OPERATOR -->
<entity name="bull">><![CDATA[&#x2022;]]>/</entity> <!-- BULLET -->
<entity name="squf">><![CDATA[&#x25AA;]]>/</entity> <!-- -->
<entity name="utrif">><![CDATA[&#x25B4;]]>/</entity> <!-- BLACK UP-POINTING TRIANGLE -->
<entity name="dtrif">><![CDATA[&#x25B5;]]>/</entity> <!-- BLACK DOWN-POINTING TRIANGLE -->
<entity name="ltrif">><![CDATA[&#x25C2;]]>/</entity> <!-- BLACK LEFT-POINTING TRIANGLE -->
<entity name="rtrif">><![CDATA[&#x25B8;]]>/</entity> <!-- BLACK RIGHT-POINTING TRIANGLE -->
<entity name="clubs">><![CDATA[&#x2663;]]>/</entity> <!-- BLACK CLUB SUIT -->
<entity name="diams">><![CDATA[&#x2666;]]>/</entity> <!-- BLACK DIAMOND SUIT -->
<entity name="hearts">><![CDATA[&#x2665;]]>/</entity> <!-- BLACK HEART SUIT -->
<entity name="spades">><![CDATA[&#x2660;]]>/</entity> <!-- BLACK SPADE SUIT -->
<entity name="malt">><![CDATA[&#x2720;]]>/</entity> <!-- MALTESE CROSS -->
<entity name="dagger">><![CDATA[&#x2020;]]>/</entity> <!-- DAGGER -->
<entity name="Dagger">><![CDATA[&#x2021;]]>/</entity> <!-- DOUBLE DAGGER -->
<entity name="check">><![CDATA[&#x2713;]]>/</entity> <!-- CHECK MARK -->
<entity name="cross">><![CDATA[&#x2717;]]>/</entity> <!-- BALLOT X -->
<entity name="sharp">><![CDATA[&#x266F;]]>/</entity> <!-- MUSIC SHARP SIGN -->
<entity name="flat">><![CDATA[&#x266D;]]>/</entity> <!-- MUSIC FLAT SIGN -->
<entity name="male">><![CDATA[&#x2642;]]>/</entity> <!-- MALE SIGN -->
<entity name="female">><![CDATA[&#x2640;]]>/</entity> <!-- -->
<entity name="phone">><![CDATA[&#x260E;]]>/</entity> <!-- TELEPHONE SIGN -->
<entity name="telrec">><![CDATA[&#x2315;]]>/</entity> <!-- TELEPHONE RECORDER -->
<entity name="copyrs">><![CDATA[&#x2117;]]>/</entity> <!-- SOUND RECORDING COPYRIGHT -->
<entity name="caret">><![CDATA[&#x2041;]]>/</entity> <!-- CARET -->
<entity name="lsquo">><![CDATA[&#x201A;]]>/</entity> <!-- SINGLE LOW-9 QUOTATION MARK -->
<entity name="ldquor">><![CDATA[&#x201E;]]>/</entity> <!-- DOUBLE LOW-9 QUOTATION MARK -->
<entity name="fflig">><![CDATA[&#xFB00;]]>/</entity> <!-- -->
<entity name="filig">><![CDATA[&#xFB01;]]>/</entity> <!-- -->
<!-- ffiligUnknown unicode character -->
<entity name="ffilig">><![CDATA[&#xFB03;]]>/</entity> <!-- -->
<entity name="ffflig">><![CDATA[&#xFB04;]]>/</entity> <!-- -->
<entity name="fllig">><![CDATA[&#xFB02;]]>/</entity> <!-- -->
<entity name="mldr">><![CDATA[&#x2026;]]>/</entity> <!-- HORIZONTAL ELLIPSIS -->
<entity name="rdquo">><![CDATA[&#x201C;]]>/</entity> <!-- -->
<entity name="rsquor">><![CDATA[&#x2018;]]>/</entity> <!-- -->
<entity name="vellip">><![CDATA[&#x22EE;]]>/</entity> <!-- -->
<entity name="hybull">><![CDATA[&#x2043;]]>/</entity> <!-- HYPHEN BULLET -->
<entity name="loz">><![CDATA[&#x25CA;]]>/</entity> <!-- LOZENGE -->
<entity name="lozf">><![CDATA[&#x2726;]]>/</entity> <!-- -->
<entity name="ltrri">><![CDATA[&#x25C3;]]>/</entity> <!-- WHITE LEFT-POINTING TRIANGLE -->
<entity name="rtri">><![CDATA[&#x25B9;]]>/</entity> <!-- WHITE RIGHT-POINTING TRIANGLE -->
<entity name="starf">><![CDATA[&#x2605;]]>/</entity> <!-- BLACK STAR -->
<entity name="natur">><![CDATA[&#x266E;]]>/</entity> <!-- MUSIC NATURAL SIGN -->
<entity name="rx">><![CDATA[&#x211E;]]>/</entity> <!-- PRESCRIPTION TAKE -->
<entity name="sext">><![CDATA[&#x2736;]]>/</entity> <!-- SIX POINTED BLACK STAR -->
<entity name="target">><![CDATA[&#x2316;]]>/</entity> <!-- POSITION INDICATOR -->
<entity name="dlcrop">><![CDATA[&#x230D;]]>/</entity> <!-- BOTTOM LEFT CROP -->
<entity name="drcrop">><![CDATA[&#x230C;]]>/</entity> <!-- BOTTOM RIGHT CROP -->
<entity name="ulcrop">><![CDATA[&#x230F;]]>/</entity> <!-- TOP LEFT CROP -->
```

---

## Appendix B: ISO Entity Sets

```
<entity name="urcrop"><! [CDATA[&#x230E;]]></entity> <!-- TOP RIGHT CROP -->
</entitySet>

<entitySet name="iso-num" >

<!-- Derived from the corresponding ISO 8879 standard entity set
     and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="half"&gt;&lt;! [CDATA[&amp;#x00BD;]]&gt;&lt;/entity&gt; &lt!-- VULGAR FRACTION ONE HALF --&gt;
&lt;entity name="frac12"&gt;&lt;! [CDATA[&amp;#x00BD;]]&gt;&lt;/entity&gt; &lt!-- VULGAR FRACTION ONE HALF --&gt;
&lt;entity name="frac14"&gt;&lt;! [CDATA[&amp;#x00BC;]]&gt;&lt;/entity&gt; &lt!-- VULGAR FRACTION ONE QUARTER --&gt;
&lt;entity name="frac34"&gt;&lt;! [CDATA[&amp;#x00BE;]]&gt;&lt;/entity&gt; &lt!-- VULGAR FRACTION THREE QUARTERS --&gt;
&lt;entity name="frac18"&gt;&lt;! [CDATA[&amp;#x215B;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="frac38"&gt;&lt;! [CDATA[&amp;#x215C;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="frac58"&gt;&lt;! [CDATA[&amp;#x215D;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="frac78"&gt;&lt;! [CDATA[&amp;#x215E;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="sup1"&gt;&lt;! [CDATA[&amp;#x00B9;]]&gt;&lt;/entity&gt; &lt!-- SUPERSCRIPT ONE --&gt;
&lt;entity name="sup2"&gt;&lt;! [CDATA[&amp;#x00B2;]]&gt;&lt;/entity&gt; &lt!-- SUPERSCRIPT TWO --&gt;
&lt;entity name="sup3"&gt;&lt;! [CDATA[&amp;#x00B3;]]&gt;&lt;/entity&gt; &lt!-- SUPERSCRIPT THREE --&gt;
&lt;entity name="plus"&gt;&lt;! [CDATA[&amp;#x002B;]]&gt;&lt;/entity&gt; &lt!-- PLUS SIGN --&gt;
&lt;entity name="plmnus"&gt;&lt;! [CDATA[&amp;#x00B1;]]&gt;&lt;/entity&gt; &lt!-- PLUS-MINUS SIGN --&gt;
&lt;entity name="lt"&gt;&lt;! [CDATA[&amp;#38;#60;]]&gt;&lt;/entity&gt; &lt!-- LESS-THAN SIGN --&gt;
&lt;entity name="equals"&gt;&lt;! [CDATA[&amp;#x003D;]]&gt;&lt;/entity&gt; &lt!-- EQUALS SIGN --&gt;
&lt;entity name="gt"&gt;&lt;! [CDATA[&amp;#x003E;]]&gt;&lt;/entity&gt; &lt!-- GREATER-THAN SIGN --&gt;
&lt;entity name="divide"&gt;&lt;! [CDATA[&amp;#x00F7;]]&gt;&lt;/entity&gt; &lt!-- DIVISION SIGN --&gt;
&lt;entity name="times"&gt;&lt;! [CDATA[&amp;#x00D7;]]&gt;&lt;/entity&gt; &lt!-- MULTIPLICATION SIGN --&gt;
&lt;entity name="curren"&gt;&lt;! [CDATA[&amp;#x00A4;]]&gt;&lt;/entity&gt; &lt!-- CURRENCY SIGN --&gt;
&lt;entity name="pound"&gt;&lt;! [CDATA[&amp;#x00A3;]]&gt;&lt;/entity&gt; &lt!-- POUND SIGN --&gt;
&lt;entity name="dollar"&gt;&lt;! [CDATA[&amp;#x0024;]]&gt;&lt;/entity&gt; &lt!-- DOLLAR SIGN --&gt;
&lt;entity name="cent"&gt;&lt;! [CDATA[&amp;#x00A2;]]&gt;&lt;/entity&gt; &lt!-- CENT SIGN --&gt;
&lt;entity name="yen"&gt;&lt;! [CDATA[&amp;#x00A5;]]&gt;&lt;/entity&gt; &lt!-- YEN SIGN --&gt;
&lt;entity name="num"&gt;&lt;! [CDATA[&amp;#x0023;]]&gt;&lt;/entity&gt; &lt!-- NUMBER SIGN --&gt;
&lt;entity name="percnt"&gt;&lt;! [CDATA[&amp;#x0025;]]&gt;&lt;/entity&gt; &lt!-- PERCENT SIGN --&gt;
&lt;entity name="amp"&gt;&lt;! [CDATA[&amp;#38;#38;]]&gt;&lt;/entity&gt; &lt!-- AMPERSAND --&gt;
&lt;entity name="ast"&gt;&lt;! [CDATA[&amp;#x002A;]]&gt;&lt;/entity&gt; &lt!-- ASTERISK OPERATOR --&gt;
&lt;entity name="commat"&gt;&lt;! [CDATA[&amp;#x0040;]]&gt;&lt;/entity&gt; &lt!-- COMMERCIAL AT --&gt;
&lt;entity name="lsgb"&gt;&lt;! [CDATA[&amp;#x005B;]]&gt;&lt;/entity&gt; &lt!-- LEFT SQUARE BRACKET --&gt;
&lt;entity name="bsol"&gt;&lt;! [CDATA[&amp;#x005C;]]&gt;&lt;/entity&gt; &lt!-- REVERSE SOLIDUS --&gt;
&lt;entity name="rsqb"&gt;&lt;! [CDATA[&amp;#x005D;]]&gt;&lt;/entity&gt; &lt!-- RIGHT SQUARE BRACKET --&gt;
&lt;entity name="lcurb"&gt;&lt;! [CDATA[&amp;#x007B;]]&gt;&lt;/entity&gt; &lt!-- LEFT CURLY BRACKET --&gt;
&lt;entity name="horbar"&gt;&lt;! [CDATA[&amp;#x2015;]]&gt;&lt;/entity&gt; &lt!-- HORIZONTAL BAR --&gt;
&lt;entity name="verbar"&gt;&lt;! [CDATA[&amp;#x007C;]]&gt;&lt;/entity&gt; &lt!-- VERTICAL LINE --&gt;
&lt;entity name="rcub"&gt;&lt;! [CDATA[&amp;#x007D;]]&gt;&lt;/entity&gt; &lt!-- RIGHT CURLY BRACKET --&gt;
&lt;entity name="micro"&gt;&lt;! [CDATA[&amp;#x00B5;]]&gt;&lt;/entity&gt; &lt!-- MICRO SIGN --&gt;
&lt;entity name="ohm"&gt;&lt;! [CDATA[&amp;#x2126;]]&gt;&lt;/entity&gt; &lt!-- OHM SIGN --&gt;
&lt;entity name="deg"&gt;&lt;! [CDATA[&amp;#x00B0;]]&gt;&lt;/entity&gt; &lt!-- DEGREE SIGN --&gt;
&lt;entity name="ordm"&gt;&lt;! [CDATA[&amp;#x00BA;]]&gt;&lt;/entity&gt; &lt!-- MASCULINE ORDINAL INDICATOR --&gt;
&lt;entity name="ordf"&gt;&lt;! [CDATA[&amp;#x00AA;]]&gt;&lt;/entity&gt; &lt!-- FEMININE ORDINAL INDICATOR --&gt;
&lt;entity name="sect"&gt;&lt;! [CDATA[&amp;#x00A7;]]&gt;&lt;/entity&gt; &lt!-- SECTION SIGN --&gt;
&lt;entity name="para"&gt;&lt;! [CDATA[&amp;#x00B6;]]&gt;&lt;/entity&gt; &lt!-- PILCROW SIGN --&gt;
&lt;entity name="middot"&gt;&lt;! [CDATA[&amp;#x00B7;]]&gt;&lt;/entity&gt; &lt!-- MIDDLE DOT --&gt;
&lt;entity name="larr"&gt;&lt;! [CDATA[&amp;#x2190;]]&gt;&lt;/entity&gt; &lt!-- LEFTWARDS DOUBLE ARROW --&gt;
&lt;entity name="rarr"&gt;&lt;! [CDATA[&amp;#x2192;]]&gt;&lt;/entity&gt; &lt!-- RIGHTWARDS DOUBLE ARROW --&gt;
&lt;entity name="uarr"&gt;&lt;! [CDATA[&amp;#x2191;]]&gt;&lt;/entity&gt; &lt!-- UPWARDS ARROW --&gt;
&lt;entity name="darr"&gt;&lt;! [CDATA[&amp;#x2193;]]&gt;&lt;/entity&gt; &lt!-- DOWNWARDS ARROW --&gt;
&lt;entity name="copy"&gt;&lt;! [CDATA[&amp;#x00A9;]]&gt;&lt;/entity&gt; &lt!-- COPYRIGHT SIGN --&gt;
&lt;entity name="reg"&gt;&lt;! [CDATA[&amp;#x00AE;]]&gt;&lt;/entity&gt; &lt!-- REG TRADE MARK SIGN --&gt;
&lt;entity name="trade"&gt;&lt;! [CDATA[&amp;#x2122;]]&gt;&lt;/entity&gt; &lt!-- TRADE MARK SIGN --&gt;
&lt;entity name="brvbar"&gt;&lt;! [CDATA[&amp;#x00A6;]]&gt;&lt;/entity&gt; &lt!-- BROKEN BAR --&gt;
&lt;entity name="not"&gt;&lt;! [CDATA[&amp;#x00AC;]]&gt;&lt;/entity&gt; &lt!-- NOT SIGN --&gt;
&lt;entity name="sung"&gt;&lt;! [CDATA[&amp;#x2669;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="excl"&gt;&lt;! [CDATA[&amp;#x0021;]]&gt;&lt;/entity&gt; &lt!-- EXCLAMATION MARK --&gt;
&lt;entity name="iexcl"&gt;&lt;! [CDATA[&amp;#x00A1;]]&gt;&lt;/entity&gt; &lt!-- INVERTED EXCLAMATION MARK --&gt;
&lt;entity name="quot"&gt;&lt;! [CDATA[&amp;#x0022;]]&gt;&lt;/entity&gt; &lt!-- QUOTATION MARK --&gt;
&lt;entity name="apos"&gt;&lt;! [CDATA[&amp;#x0027;]]&gt;&lt;/entity&gt; &lt!-- APOSTROPHE --&gt;
&lt;entity name="lpar"&gt;&lt;! [CDATA[&amp;#x0028;]]&gt;&lt;/entity&gt; &lt!-- LEFT PARENTHESIS --&gt;
&lt;entity name="rpar"&gt;&lt;! [CDATA[&amp;#x0029;]]&gt;&lt;/entity&gt; &lt!-- RIGHT PARENTHESIS --&gt;
&lt;entity name="comma"&gt;&lt;! [CDATA[&amp;#x002C;]]&gt;&lt;/entity&gt; &lt!-- COMMA --&gt;
&lt;entity name="lowbar"&gt;&lt;! [CDATA[&amp;#x005F;]]&gt;&lt;/entity&gt; &lt!-- LOW LINE --&gt;
&lt;entity name="hyphen"&gt;&lt;! [CDATA[&amp;#x002D;]]&gt;&lt;/entity&gt; &lt!-- HYPHEN-MINUS --&gt;
&lt;entity name="period"&gt;&lt;! [CDATA[&amp;#x002E;]]&gt;&lt;/entity&gt; &lt!-- FULL STOP --&gt;
&lt;entity name="sol"&gt;&lt;! [CDATA[&amp;#x002F;]]&gt;&lt;/entity&gt; &lt!-- SOLIDUS --&gt;
&lt;entity name="colon"&gt;&lt;! [CDATA[&amp;#x003A;]]&gt;&lt;/entity&gt; &lt!-- COLON --&gt;
&lt;entity name="semi"&gt;&lt;! [CDATA[&amp;#x003B;]]&gt;&lt;/entity&gt; &lt!-- SEMICOLON --&gt;
&lt;entity name="quest"&gt;&lt;! [CDATA[&amp;#x003F;]]&gt;&lt;/entity&gt; &lt!-- QUESTION MARK --&gt;
&lt;entity name="iquest"&gt;&lt;! [CDATA[&amp;#x00BF;]]&gt;&lt;/entity&gt; &lt!-- INVERTED QUESTION MARK --&gt;
&lt;entity name="laquo"&gt;&lt;! [CDATA[&amp;#x00AB;]]&gt;&lt;/entity&gt; &lt!-- LEFT-POINTING DOUBLE ANGLE QUOTATION MARK --&gt;
&lt;entity name="raquo"&gt;&lt;! [CDATA[&amp;#x00BB;]]&gt;&lt;/entity&gt; &lt!-- RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK --&gt;
&lt;entity name="lsquo"&gt;&lt;! [CDATA[&amp;#x2018;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="rsquo"&gt;&lt;! [CDATA[&amp;#x2019;]]&gt;&lt;/entity&gt; &lt!-- RIGHT SINGLE QUOTATION MARK --&gt;
&lt;entity name="ldquo"&gt;&lt;! [CDATA[&amp;#x201C;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="rdquo"&gt;&lt;! [CDATA[&amp;#x201D;]]&gt;&lt;/entity&gt; &lt!-- RIGHT DOUBLE QUOTATION MARK --&gt;
&lt;entity name="nbsp">&nbsp;<! [CDATA[&#x00A0;]]></entity> <!-- NO-BREAK SPACE -->
<entity name="shy">&shy;<! [CDATA[&#x00AD;]]></entity> <!-- SOFT HYPHEN -->
```

---

## Appendix B: ISO Entity Sets

```

        </entitySet>

<entitySet name="iso-tech" >

<!-- Derived from the corresponding ISO 8879 standard entity set
and the Unicode character mappings provided by Sebastian Rahtz.
With additional derivations from
ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/MISC/SGML.TXT --&gt;

&lt;entity name="aleph"&gt;&lt;! [CDATA[&amp;#x2135;]]&gt;&lt;/entity&gt; &lt!-- ALEF SYMBOL --&gt;
&lt;entity name="and"&gt;&lt;! [CDATA[&amp;#x2227;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="ang90"&gt;&lt;! [CDATA[&amp;#x221F;]]&gt;&lt;/entity&gt; &lt!-- RIGHT ANGLE --&gt;
&lt;entity name="angsph"&gt;&lt;! [CDATA[&amp;#x2222;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="ap"&gt;&lt;! [CDATA[&amp;#x2248;]]&gt;&lt;/entity&gt; &lt!-- --&gt;
&lt;entity name="becaus">><! [CDATA[&#x2235;]]></entity> <!-- BECAUSE -->
<entity name="bottom">><! [CDATA[&#x22A5;]]></entity> <!-- -->
<entity name="cap"><! [CDATA[&#x2229;]]></entity> <!-- -->
<entity name="cong">><! [CDATA[&#x2245;]]></entity> <!-- -->
<entity name="conint">><! [CDATA[&#x222E;]]></entity> <!-- -->
<entity name="cup">><! [CDATA[&#x222A;]]></entity> <!-- -->
<entity name="equiv">><! [CDATA[&#x2261;]]></entity> <!-- -->
<entity name="exist">><! [CDATA[&#x2203;]]></entity> <!-- -->
<entity name="forall">><! [CDATA[&#x2200;]]></entity> <!-- -->
<entity name="fnof">><! [CDATA[&#x0192;]]></entity> <!-- LATIN SMALL LETTER F WITH HOOK -->
<entity name="ge">><! [CDATA[&#x2265;]]></entity> <!-- GREATER-THAN OR EQUAL TO -->
<entity name="iff">><! [CDATA[&#x21D;]]></entity> <!-- LEFT RIGHT DOUBLE ARROW -->
<entity name="infin">><! [CDATA[&#x221E;]]></entity> <!-- -->
<entity name="int">><! [CDATA[&#x222B;]]></entity> <!-- -->
<entity name="isin">><! [CDATA[&#x220A;]]></entity> <!-- -->
<entity name="lang">><! [CDATA[&#x3008;]]></entity> <!-- -->
<entity name="lArr">><! [CDATA[&#x21D0;]]></entity> <!-- LEFTWARDS ARROW -->
<entity name="le">><! [CDATA[&#x2264;]]></entity> <!-- -->
<entity name="minus">><! [CDATA[&#x2212;]]></entity> <!-- MINUS SIGN -->
<entity name="mplus">><! [CDATA[&#x2213;]]></entity> <!-- -->
<entity name="nabla">><! [CDATA[&#x2207;]]></entity> <!-- NABLA -->
<entity name="ne">><! [CDATA[&#x2260;]]></entity> <!-- -->
<entity name="ni">><! [CDATA[&#x220D;]]></entity> <!-- -->
<entity name="or">><! [CDATA[&#x2228;]]></entity> <!-- -->
<entity name="par">><! [CDATA[&#x2225;]]></entity> <!-- PARALLEL TO -->
<entity name="part">><! [CDATA[&#x2202;]]></entity> <!-- -->
<entity name="permil">><! [CDATA[&#x2030;]]></entity> <!-- PER MILLE SIGN -->
<entity name="perp">><! [CDATA[&#x22A5;]]></entity> <!-- -->
<entity name="prime">><! [CDATA[&#x2032;]]></entity> <!-- PRIME -->
<entity name="Prime">><! [CDATA[&#x2033;]]></entity> <!-- DOUBLE PRIME -->
<entity name="prop">><! [CDATA[&#x221D;]]></entity> <!-- -->
<entity name="radic">><! [CDATA[&#x221A;]]></entity> <!-- -->
<entity name="rang">><! [CDATA[&#x3009;]]></entity> <!-- -->
<entity name="rArr">><! [CDATA[&#x21D2;]]></entity> <!-- RIGHTWARDS ARROW -->
<entity name="sim">><! [CDATA[&#x223C;]]></entity> <!-- -->
<entity name="sime">><! [CDATA[&#x2243;]]></entity> <!-- -->
<entity name="square">><! [CDATA[&#x25A1;]]></entity> <!-- WHITE SQUARE -->
<entity name="sub">><! [CDATA[&#x2282;]]></entity> <!-- -->
<entity name="sube">><! [CDATA[&#x2286;]]></entity> <!-- -->
<entity name="sup">><! [CDATA[&#x2283;]]></entity> <!-- -->
<entity name="supe">><! [CDATA[&#x2287;]]></entity> <!-- -->
<entity name="there4">><! [CDATA[&#x2234;]]></entity> <!-- -->
<entity name="Verbar">><! [CDATA[&#x2016;]]></entity> <!-- DOUBLE VERTICAL LINE -->
<entity name="angst">><! [CDATA[&#x212B;]]></entity> <!-- ANGSTROM SIGN -->
<entity name="bernow">><! [CDATA[&#x212C;]]></entity> <!-- SCRIPT CAPITAL B -->
<entity name="comfn">><! [CDATA[&#x2218;]]></entity> <!-- RING OPERATOR -->
<entity name="Dot">><! [CDATA[&#x0A8;]]></entity> <!-- -->
<entity name="DotDot">><! [CDATA[&#x20DC;]]></entity> <!-- COMBINING FOUR DOTS ABOVE -->
<entity name="hamilt">><! [CDATA[&#x210B;]]></entity> <!-- SCRIPT CAPITAL H -->
<entity name="lagran">><! [CDATA[&#x2112;]]></entity> <!-- SCRIPT CAPITAL L -->
<entity name="lowast">><! [CDATA[&#x2217;]]></entity> <!-- ASTERISK OPERATOR -->
<entity name="notin">><! [CDATA[&#x2209;]]></entity> <!-- -->
<entity name="order">><! [CDATA[&#x2134;]]></entity> <!-- SCRIPT SMALL O -->
<entity name="phmmat">><! [CDATA[&#x2133;]]></entity> <!-- SCRIPT CAPITAL M -->
<entity name="tdot">><! [CDATA[&#x20DB;]]></entity> <!-- COMBINING THREE DOTS ABOVE -->
<entity name="tprime">><! [CDATA[&#x2034;]]></entity> <!-- TRIPLE PRIME -->
<entity name="wedgeq">><! [CDATA[&#x2259;]]></entity> <!-- ESTIMATES -->
</entitySet>

<entitySet name="iso-amsn" >

<!-- Derived from the corresponding ISO 8879 standard entity set
and the Unicode character mappings provided by Sebastian Rahtz.
With additional derivations from
ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/MISC/SGML.TXT --&gt;

&lt;entity name="gnap">><! [CDATA[&#xE411;]]></entity> <!-- -->
<entity name="gne">><! [CDATA[&#x2269;]]></entity> <!-- -->
<entity name="gnE">><! [CDATA[&#x2269;]]></entity> <!-- -->
<entity name="gnsim">><! [CDATA[&#x22E7;]]></entity> <!-- GREATER-THAN BUT NOT EQUIVALENT
TO -->
<entity name="gvnE">><! [CDATA[&#x2269;]]></entity> <!-- GREATER-THAN BUT NOT EQUAL TO -->

```

---

## Appendix B: ISO Entity Sets

```

<entity name="lnap">><! [CDATA[&#xE2A2;]]></entity> <!-- -->
<entity name="lnE">><! [CDATA[&#x2268;]]></entity> <!-- -->
<entity name="ln"><! [CDATA[&#x2268;]]></entity> <!-- -->
<entity name="lnsim">><! [CDATA[&#x22E6;]]></entity> <!-- -->
<entity name="lvnE">><! [CDATA[&#x2268;]]></entity> <!-- LESS-THAN BUT NOT EQUAL TO -->
<entity name="nap">><! [CDATA[&#x2249;]]></entity> <!-- NOT ALMOST EQUAL TO -->
<entity name="ncong">><! [CDATA[&#x2247;]]></entity> <!-- NEITHER APPROXIMATELY NOR ACTUALLY EQUAL TO -->
<entity name="nequiv">><! [CDATA[&#x2262;]]></entity> <!-- NOT IDENTICAL TO -->
<entity name="ngE">><! [CDATA[&#x2271;]]></entity> <!-- -->
<entity name="nge">><! [CDATA[&#x2271;]]></entity> <!-- NEITHER GREATER-THAN NOR EQUAL TO -->
<entity name="nges">><! [CDATA[&#x2271;]]></entity> <!-- -->
<entity name="ngt">><! [CDATA[&#x226F;]]></entity> <!-- NOT GREATER-THAN -->
<entity name="nle">><! [CDATA[&#x2270;]]></entity> <!-- NEITHER LESS-THAN NOR EQUAL TO -->
<entity name="nle">><! [CDATA[&#x2270;]]></entity> <!-- -->
<entity name="nles">><! [CDATA[&#x2270;]]></entity> <!-- -->
<entity name="nlt">><! [CDATA[&#x226E;]]></entity> <!-- NOT LESS-THAN -->
<entity name="nltri">><! [CDATA[&#x22EA;]]></entity> <!-- NOT NORMAL SUBGROUP OF -->
<entity name="nltrie">><! [CDATA[&#x22EC;]]></entity> <!-- NOT NORMAL SUBGROUP OF OR EQUAL TO -->
<entity name="nmid">><! [CDATA[&#x2224;]]></entity> <!-- DOES NOT DIVIDE -->
<entity name="npar">><! [CDATA[&#x2226;]]></entity> <!-- NOT PARALLEL TO -->
<entity name="npr">><! [CDATA[&#x2280;]]></entity> <!-- DOES NOT PRECEDE -->
<entity name="npre">><! [CDATA[&#x22E0;]]></entity> <!-- DOES NOT PRECEDE OR EQUAL -->
<entity name="nrtri">><! [CDATA[&#x22EB;]]></entity> <!-- DOES NOT CONTAIN AS NORMAL SUBGROUP -->
<entity name="nrtrie">><! [CDATA[&#x22ED;]]></entity> <!-- DOES NOT CONTAIN AS NORMAL SUBGROUP OR EQUAL -->
<entity name="nsc">><! [CDATA[&#x2281;]]></entity> <!-- DOES NOT SUCCEED -->
<entity name="nscel">><! [CDATA[&#x22B1;]]></entity> <!-- DOES NOT SUCCEED OR EQUAL -->
<entity name="nsim">><! [CDATA[&#x2241;]]></entity> <!-- -->
<entity name="nsime">><! [CDATA[&#x2244;]]></entity> <!-- -->
<entity name="nsmid">><! [CDATA[&#xE2AA;]]></entity> <!-- -->
<entity name="nspar">><! [CDATA[&#x2226;]]></entity> <!-- NOT PARALLEL TO -->
<entity name="nsub">><! [CDATA[&#x2284;]]></entity> <!-- NOT A SUBSET OF -->
<entity name="nsube">><! [CDATA[&#x2288;]]></entity> <!-- -->
<entity name="nsup">><! [CDATA[&#x2285;]]></entity> <!-- NOT A SUPERSET OF -->
<entity name="nsupE">><! [CDATA[&#x2289;]]></entity> <!-- -->
<entity name="nsupe">><! [CDATA[&#x2289;]]></entity> <!-- -->
<entity name="nvDash">><! [CDATA[&#x22AC;]]></entity> <!-- DOES NOT PROVE -->
<entity name="nvDash">><! [CDATA[&#x22AD;]]></entity> <!-- NOT TRUE -->
<entity name="nvDash">><! [CDATA[&#x22AF;]]></entity> <!-- NEGATED DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE -->
<entity name="nvDash">><! [CDATA[&#x22AE;]]></entity> <!-- DOES NOT FORCE -->
<entity name="prnap">><! [CDATA[&#x22E8;]]></entity> <!-- -->
<entity name="prnE">><! [CDATA[&#xE2B3;]]></entity> <!-- -->
<entity name="prnsim">><! [CDATA[&#x22E8;]]></entity> <!-- -->
<entity name="scnap">><! [CDATA[&#x22E9;]]></entity> <!-- -->
<entity name="scnE">><! [CDATA[&#xE2B5;]]></entity> <!-- -->
<entity name="scnsm">><! [CDATA[&#x22E9;]]></entity> <!-- -->
<entity name="subne">><! [CDATA[&#x228A;]]></entity> <!-- -->
<entity name="subnE">><! [CDATA[&#x228A;]]></entity> <!-- SUBSET OF WITH NOT EQUAL TO -->
<entity name="supne">><! [CDATA[&#x228B;]]></entity> <!-- -->
<entity name="supnE">><! [CDATA[&#x228B;]]></entity> <!-- -->
<entity name="vsubnE">><! [CDATA[&#xE2B8;]]></entity> <!-- -->
<entity name="vsubne">><! [CDATA[&#x228A;]]></entity> <!-- SUBSET OF WITH NOT EQUAL TO-->
<entity name="vsupnE">><! [CDATA[&#x228B;]]></entity> <!-- SUPERSET OF WITH NOT EQUAL TO -->
<entity name="vsupne">><! [CDATA[&#x228B;]]></entity> <!-- SUPERSET OF WITH NOT EQUAL TO -->
<entity name="vsupnE">><! [CDATA[&#x228B;]]></entity> <!-- SUPERSET OF WITH NOT EQUAL TO -->
</entitySet>
<entitySet name="iso-amso" >

<!-- Derived from the corresponding ISO 8879 standard entity set
and the Unicode character mappings provided by Sebastian Rahtz
With additional derivations from
ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/MISC/SGML.TXT --&gt;

&lt;entity name="ang">><! [CDATA[&#x2220;]]></entity> <!-- ANGLE -->
<entity name="angmsd">><! [CDATA[&#x2221;]]></entity> <!-- MEASURED ANGLE -->
<entity name="beth">><! [CDATA[&#x2136;]]></entity> <!-- BET SYMBOL -->
<entity name="bprime">><! [CDATA[&#x2035;]]></entity> <!-- REVERSED PRIME -->
<entity name="comp">><! [CDATA[&#x2201;]]></entity> <!-- COMPLEMENT -->
<entity name="daleth">><! [CDATA[&#x2138;]]></entity> <!-- DALET SYMBOL -->
<entity name="ell">><! [CDATA[&#x2113;]]></entity> <!-- SCRIPT SMALL L -->
<entity name="empty">><! [CDATA[&#x2205;]]></entity> <!-- -->
<entity name="gimel">><! [CDATA[&#x2137;]]></entity> <!-- GIMEL SYMBOL -->
<entity name="image">><! [CDATA[&#x2111;]]></entity> <!-- BLACK-LETTER CAPITAL I -->
<entity name="inodot">><! [CDATA[&#x0131;]]></entity> <!-- LATIN SMALL LETTER DOTLESS I -->
<!-- jnodotUnknown unicode character -->
<entity name="nexist">><! [CDATA[&#x2204;]]></entity> <!-- THERE DOES NOT EXIST -->
<entity name="oS">><! [CDATA[&#x24C8;]]></entity> <!-- CIRCLED LATIN CAPITAL LETTER S -->
<entity name="planck">><! [CDATA[&#x210F;]]></entity> <!-- PLANCK CONSTANT OVER TWO PI -->

```

---

## Appendix B: ISO Entity Sets

```
<entity name="real"><![CDATA[&#x211C;]]></entity> <!-- BLACK-LETTER CAPITAL R -->
<entity name="sbsol"><![CDATA[&#xFE68;]]></entity> <!-- SMALL REVERSE SOLIDUS -->
<entity name="vprime"><![CDATA[&#x2032;]]></entity> <!-- PRIME -->
<entity name="weierp"><![CDATA[&#x2118;]]></entity> <!-- SCRIPT CAPITAL P -->
</entitySet>

<entitySet name="iso-box" >

<!-- Derived from the corresponding ISO 8879 standard entity set
     and the Unicode character mappings provided by Sebastian Rahtz --&gt;

&lt;entity name="boxh"&gt;&lt;![CDATA[&amp;#x2500;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT HORIZONTAL --&gt;
&lt;entity name="boxv"&gt;&lt;![CDATA[&amp;#x2502;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT VERTICAL --&gt;
&lt;entity name="boxur"&gt;&lt;![CDATA[&amp;#x2514;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT UP AND RIGHT --&gt;
&lt;entity name="boxul"&gt;&lt;![CDATA[&amp;#x2518;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT UP AND LEFT --&gt;
&lt;entity name="boxdl"&gt;&lt;![CDATA[&amp;#x2510;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT DOWN AND LEFT --&gt;
&lt;entity name="boxdr"&gt;&lt;![CDATA[&amp;#x250C;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT DOWN AND RIGHT --&gt;
&lt;entity name="boxvr"&gt;&lt;![CDATA[&amp;#x2511;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT VERTICAL AND RIGHT --&gt;
&lt;entity name="boxhu"&gt;&lt;![CDATA[&amp;#x2534;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT UP AND HORIZONTAL --&gt;
&lt;entity name="boxvl"&gt;&lt;![CDATA[&amp;#x2524;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT VERTICAL AND LEFT --&gt;
&lt;entity name="boxhd"&gt;&lt;![CDATA[&amp;#x2522;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT DOWN AND HORIZONTAL --&gt;
&lt;entity name="boxvh"&gt;&lt;![CDATA[&amp;#x253C;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL --&gt;
&lt;entity name="boxvR"&gt;&lt;![CDATA[&amp;#x255E;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE --&gt;
&lt;entity name="boxhU"&gt;&lt;![CDATA[&amp;#x2567;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE --&gt;
&lt;entity name="boxvL"&gt;&lt;![CDATA[&amp;#x2561;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE --&gt;
&lt;entity name="boxhD"&gt;&lt;![CDATA[&amp;#x2564;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE --&gt;
&lt;entity name="boxvH"&gt;&lt;![CDATA[&amp;#x256A;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE --&gt;
&lt;entity name="boxH"&gt;&lt;![CDATA[&amp;#x2550;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE HORIZONTAL --&gt;
&lt;entity name="boxV"&gt;&lt;![CDATA[&amp;#x2551;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE VERTICAL --&gt;
&lt;entity name="boxUR"&gt;&lt;![CDATA[&amp;#x2558;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE --&gt;
&lt;entity name="boxUL"&gt;&lt;![CDATA[&amp;#x255B;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS UP SINGLE AND LEFT DOUBLE --&gt;
&lt;entity name="boxDL"&gt;&lt;![CDATA[&amp;#x2555;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE --&gt;
&lt;entity name="boxDR"&gt;&lt;![CDATA[&amp;#x2552;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE --&gt;
&lt;entity name="boxVR"&gt;&lt;![CDATA[&amp;#x255F;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE --&gt;
&lt;entity name="boxHU"&gt;&lt;![CDATA[&amp;#x2568;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE --&gt;
&lt;entity name="boxVL"&gt;&lt;![CDATA[&amp;#x2562;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE --&gt;
&lt;entity name="boxHD"&gt;&lt;![CDATA[&amp;#x2565;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE --&gt;
&lt;entity name="boxVH"&gt;&lt;![CDATA[&amp;#x256B;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE --&gt;
&lt;entity name="boxVr"&gt;&lt;![CDATA[&amp;#x2560;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE VERTICAL AND RIGHT --&gt;
&lt;entity name="boxHu"&gt;&lt;![CDATA[&amp;#x2569;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE UP AND HORIZONTAL --&gt;
&lt;entity name="boxVl"&gt;&lt;![CDATA[&amp;#x2563;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE VERTICAL AND LEFT --&gt;
&lt;entity name="boxHd"&gt;&lt;![CDATA[&amp;#x2566;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL --&gt;
&lt;entity name="boxVh"&gt;&lt;![CDATA[&amp;#x256C;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL --&gt;
&lt;entity name="boxuR"&gt;&lt;![CDATA[&amp;#x2559;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE --&gt;
&lt;entity name="boxUl"&gt;&lt;![CDATA[&amp;#x255C;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS UP DOUBLE AND LEFT SINGLE --&gt;
&lt;entity name="boxdL"&gt;&lt;![CDATA[&amp;#x2556;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE --&gt;
&lt;entity name="boxDr"&gt;&lt;![CDATA[&amp;#x2553;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE --&gt;
&lt;entity name="boxUr"&gt;&lt;![CDATA[&amp;#x255A;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE UP AND RIGHT --&gt;
&lt;entity name="boxuL"&gt;&lt;![CDATA[&amp;#x255D;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE UP AND LEFT --&gt;
--&gt;
&lt;entity name="boxDl"&gt;&lt;![CDATA[&amp;#x2557;]]&gt;&lt;/entity&gt; &lt!-- BOX DRAWINGS DOUBLE DOWN AND LEFT --&gt;</pre>
```

---

## Appendix B: ISO Entity Sets

```
<entity name="boxdR"><! [CDATA[&#x2554;]]></entity> <!-- BOX DRAWINGS DOUBLE DOWN AND  
RIGHT -->  
</entitySet>  
<entitySet name="iso-amsr" >  
  
<!-- Derived from the corresponding ISO 8879 standard entity set  
and the Unicode character mappings provided by Sebastian Rahtz.  
With additional derivations from  
ftp://ftp.unicode.org/Public/MAPPINGS/VENDORS/MISC/SGML.TXT -->  
  
<entity name="ape"><! [CDATA[&#x224A;]]></entity> <!-- -->  
<entity name="asymp"><! [CDATA[&#x224D;]]></entity> <!-- EQUIVALENT TO -->  
<entity name="bcong"><! [CDATA[&#x224C;]]></entity> <!-- ALL EQUAL TO -->  
<entity name="bepsi"><! [CDATA[&#x220D;]]></entity> <!-- SMALL CONTAINS AS MEMBER -->  
<entity name="bowtie"><! [CDATA[&#x22C8;]]></entity> <!-- -->  
<entity name="bsim"><! [CDATA[&#x223D;]]></entity> <!-- -->  
<entity name="bsime"><! [CDATA[&#x22CD;]]></entity> <!-- -->  
<entity name="bump"><! [CDATA[&#x224E;]]></entity> <!-- -->  
<entity name="bumpe"><! [CDATA[&#x224F;]]></entity> <!-- -->  
<entity name="cire"><! [CDATA[&#x2257;]]></entity> <!-- -->  
<entity name="colone"><! [CDATA[&#x2254;]]></entity> <!-- -->  
<entity name="cuerpr"><! [CDATA[&#x22DE;]]></entity> <!-- -->  
<entity name="cuesc"><! [CDATA[&#x22DF;]]></entity> <!-- -->  
<entity name="cupre"><! [CDATA[&#x227C;]]></entity> <!-- -->  
<entity name="dashv"><! [CDATA[&#x22A3;]]></entity> <!-- -->  
<entity name="ecir"><! [CDATA[&#x2256;]]></entity> <!-- -->  
<entity name="ecolon"><! [CDATA[&#x2255;]]></entity> <!-- -->  
<entity name="eDot"><! [CDATA[&#x2251;]]></entity> <!-- -->  
<entity name="esdot"><! [CDATA[&#x2250;]]></entity> <!-- -->  
<entity name="efdot"><! [CDATA[&#x2252;]]></entity> <!-- -->  
<entity name="egs"><! [CDATA[&#x22DD;]]></entity> <!-- -->  
<entity name="els"><! [CDATA[&#x22DC;]]></entity> <!-- -->  
<entity name="erDot"><! [CDATA[&#x2253;]]></entity> <!-- -->  
<entity name="fork"><! [CDATA[&#x22D4;]]></entity> <!-- -->  
<entity name="frown"><! [CDATA[&#x2322;]]></entity> <!-- -->  
<entity name="gap"><! [CDATA[&#x2273;]]></entity> <!-- GREATER-THAN OR EQUIVALENT TO -->  
<entity name="gsdot"><! [CDATA[&#x22D7;]]></entity> <!-- -->  
<entity name="gb"><! [CDATA[&#x2267;]]></entity> <!-- -->  
<entity name="gel"><! [CDATA[&#x22DB;]]></entity> <!-- -->  
<entity name="gEl"><! [CDATA[&#x22D8;]]></entity> <!-- -->  
<entity name="ges"><! [CDATA[&#x2265;]]></entity> <!-- GREATER-THAN OR EQUAL TO -->  
<entity name="Gg"><! [CDATA[&#x22D9;]]></entity> <!-- VERY MUCH GREATER-THAN -->  
<entity name="gl"><! [CDATA[&#x2277;]]></entity> <!-- -->  
<entity name="gsim"><! [CDATA[&#x2273;]]></entity> <!-- GREATER-THAN OR EQUIVALENT TO -->  
>  
<entity name="Gt"><! [CDATA[&#x226B;]]></entity> <!-- MUCH GREATER-THAN -->  
<entity name="lap"><! [CDATA[&#x2272;]]></entity> <!-- LESS-THAN OR EQUIVALENT TO -->  
<entity name="ldot"><! [CDATA[&#x22D6;]]></entity> <!-- -->  
<entity name="lb"><! [CDATA[&#x2266;]]></entity> <!-- -->  
<entity name="lEg"><! [CDATA[&#x22DA;]]></entity> <!-- -->  
<entity name="leg"><! [CDATA[&#x22D4;]]></entity> <!-- -->  
<entity name="les"><! [CDATA[&#x2264;]]></entity> <!-- LESS-THAN OR EQUAL TO -->  
<entity name="lg"><! [CDATA[&#x2276;]]></entity> <!-- LESS-THAN OR GREATER-THAN -->  
<entity name="Ll"><! [CDATA[&#x22D8;]]></entity> <!-- -->  
<entity name="lsim"><! [CDATA[&#x2272;]]></entity> <!-- LESS-THAN OR EQUIVALENT TO -->  
<entity name="Lt"><! [CDATA[&#x226A;]]></entity> <!-- MUCH LESS-THAN -->  
<entity name="ltrie"><! [CDATA[&#x22B4;]]></entity> <!-- -->  
<entity name="mid"><! [CDATA[&#x2223;]]></entity> <!-- -->  
<entity name="models"><! [CDATA[&#x22A7;]]></entity> <!-- MODELS -->  
<entity name="pr"><! [CDATA[&#x227A;]]></entity> <!-- -->  
<entity name="prap"><! [CDATA[&#x227E;]]></entity> <!-- -->  
<entity name="pre"><! [CDATA[&#x227C;]]></entity> <!-- -->  
<entity name="prsim"><! [CDATA[&#x227E;]]></entity> <!-- -->  
<entity name="rtrie"><! [CDATA[&#x22B5;]]></entity> <!-- -->  
<entity name="samalq"><! [CDATA[&#x2210;]]></entity> <!-- -->  
<entity name="sc"><! [CDATA[&#x227B;]]></entity> <!-- -->  
<entity name="scap"><! [CDATA[&#x227F;]]></entity> <!-- -->  
<entity name="sccue"><! [CDATA[&#x227D;]]></entity> <!-- -->  
<entity name="sce"><! [CDATA[&#x227D;]]></entity> <!-- -->  
<entity name="scsim"><! [CDATA[&#x227F;]]></entity> <!-- -->  
<entity name="sfrrown"><! [CDATA[&#x2322;]]></entity> <!-- FROWN -->  
<entity name="snid"><! [CDATA[&#xE301;]]></entity> <!-- -->  
<entity name="smile"><! [CDATA[&#x2323;]]></entity> <!-- -->  
<entity name="spar"><! [CDATA[&#x2225;]]></entity> <!-- PARALLEL TO -->  
<entity name="sqsub"><! [CDATA[&#x228F;]]></entity> <!-- -->  
<entity name="sqsube"><! [CDATA[&#x2291;]]></entity> <!-- -->  
<entity name="sqsup"><! [CDATA[&#x2290;]]></entity> <!-- -->  
<entity name="sqsupe"><! [CDATA[&#x2292;]]></entity> <!-- -->  
<entity name="ssmile"><! [CDATA[&#x2323;]]></entity> <!-- SMILE -->  
<entity name="Sub"><! [CDATA[&#x22D0;]]></entity> <!-- -->  
<entity name="subE"><! [CDATA[&#x2286;]]></entity> <!-- -->  
<entity name="Sup"><! [CDATA[&#x22D1;]]></entity> <!-- -->  
<entity name="supE"><! [CDATA[&#x2287;]]></entity> <!-- -->  
<entity name="thkap"><! [CDATA[&#x2248;]]></entity> <!-- ALMOST EQUAL TO -->  
<entity name="thksim"><! [CDATA[&#x223C;]]></entity> <!-- TILDE OPERATOR -->  
<entity name="trie"><! [CDATA[&#x225C;]]></entity> <!-- -->  
<entity name="twixt"><! [CDATA[&#x226C;]]></entity> <!-- BETWEEN -->  
<entity name="vdash"><! [CDATA[&#x22A2;]]></entity> <!-- -->
```

```
<entity name="Vdash">><! [CDATA[&#x22A9;]]></entity> <!-- -->
<entity name="vDash">><! [CDATA[&#x22A8;]]></entity> <!-- -->
<entity name="veebar">><! [CDATA[&#x22B1;]]></entity> <!-- -->
<entity name="vltri">><! [CDATA[&#x22B2;]]></entity> <!-- -->
<entity name="vprop">><! [CDATA[&#x221D;]]></entity> <!-- -->
<entity name="vrtri">><! [CDATA[&#x22B3;]]></entity> <!-- -->
<entity name="Vvdash">><! [CDATA[&#x22AA;]]></entity> <!-- -->
</entitySet>
<entitySet name="dbcent" pubid="-//OASIS//ENTITIES DocBook Character Entities V4.2CR1//EN">
<entity name="euro" ><! [CDATA[&#x20AC;]]></entity>
</entitySet>
</entitySets>
</informationItems>
```

---

## *Appendix C: NII for 3B2 Processing Instructions*

The following NII file provides a set of names for the some processing instructions useable with the 3B2 typesetting engine. This is a batch mode system; users can add processing instructions to the XML or SGML documents to override typesetting behaviour, if they judge this to give better results than the 3B2's built-in rules.

Note that often times a processing instruction may include difficult-to-remember codes, or be parameterized, so named PIs for the most useful cases may be useful.

```
<informationItems>
<processingSets>
<processingSet name="Typesetter3B2">

<pi name="ForceColumnBreak"
><! [CDATA[<?b1?>]]></pi>
<pi name="ForcePageBreakBefore"
><! [CDATA[<?breakt b2?>]]></pi>
<pi name="ForceColumnBreakBefore"
><! [CDATA[<?breakb b1?>]]></pi>
<pi name="ForcePageBreakAfter"
><! [CDATA[<?breakt b2?>]]></pi>
<pi name="ForceColumnBreakAfter"
><! [CDATA[<?breakb b1?>]]></pi>
<pi name="SoftPageBreak"
><! [CDATA[<?breakb b17?>]]></pi>
<pi name="SoftColumnBreak"
><! [CDATA[<?breakb b16?>]]></pi>

<pi name="AllowOverhangLeft"
><! [CDATA[<?overhang l?>]]></pi>
<pi name="AllowOverhangRight"
><! [CDATA[<?overhang r?>]]></pi>
<pi name="AllowOverhang"
><! [CDATA[<?overhang c?>]]></pi>
<pi name="Overhang_Off"
><! [CDATA[<?overhang o?>]]></pi>

<pi name="AllowLongLine"
><! [CDATA[<?trespass?>]]></pi>

<pi name="Keep"
><! [CDATA[<?keep?>]]></pi>
<pi name="EndKeep"
><! [CDATA[<?endkeep?>]]></pi>
```

```
</processingSet>
</processingSets>
</informationItems>
```