

## Intl0Rec structure

#include &lt;Packages.h&gt;

typedef struct <b>Intl0Rec</b> {		<u>Size</u>	<u>Offset</u>	<u>Description</u>
<u>char</u> decimalPt;		1	0	Decimal point character; eg, '.' (ASCII 0x2E)
<u>char</u> thousSep;		1	1	Thousands separator; eg, ',' (ASCII 0x2C)
<u>char</u> listSep;		1	2	List separator
<u>char</u> currSym1;		1	3	Currency symbol (up to three chars)
<u>char</u> currSym2;		1	4	
<u>char</u> currSym3;		1	5	
<u>unsigned char</u> currFmt;		1	6	Currency format flags
				<div> <div>set</div> <div>clear</div> </div>
				<div> <div>bit 4= symbol leads</div> <div>\$1.231</div> <div>23</div> </div>
				<div> <div>bit 5= minus or parens</div> <div>\$-1.00</div> <div>(\$1.00)</div> </div>
				<div> <div>bit 6= trailing 0s</div> <div>\$12.00</div> <div>12</div> </div>
				<div> <div>bit 7= leading short 0s</div> <div>\$0.12</div> <div>\$.12</div> </div>
<u>unsigned char</u> dateOrder;		1	7	Order of short dates: 0=mdy,1=dmy,2=ymd, 3=myd,4=dym,5=ydm
<u>unsigned char</u> shrtDateFmt;		1	8	Short format date options: bit 5=leading 0 for day 01/7/89 bit 6=lead 0 for month 1/07/89 bit 7=include century 1/7/1989
<u>unsigned char</u> dateSep;		1	9	Short date separator; eg, '/' or '-'
<u>unsigned char</u> timeCycle;		1	10	0=24 hr, 255=12 hr, 1 uses 0:00 AM
<u>unsigned char</u> timeFmt;		1	11	Time format options: bit 5=leading 0 for secs 9:3:07 bit 6=leading 0 for min 9:03:7 bit 7=leading 0 for hr 09:3:7
<u>char</u> mornStr[4];		4	12	Morning text; eg, "AM\0\0"
<u>char</u> eveStr[4];		4	16	Evening text; eg, "PM\0\0"
<u>char</u> timeSep;		1	20	Time separator; eg, ':' (ASCII 0x3A)
<u>char</u> time1Suff;		1	21	24-hr time suffix characters ...
<u>char</u> time2Suff;		1	22	Example: "O'Clock"
<u>char</u> time3Suff;		1	23	
<u>char</u> time4Suff;		1	24	
<u>char</u> time5Suff;		1	25	
<u>char</u> time6Suff;		1	26	
<u>char</u> time7Suff;		1	27	
<u>char</u> time8Suff;		1	28	
<u>unsigned char</u> metricSys;		1	29	0=not metric, 255= use metric
<u>short</u> intl0Vers;		2	30	Version and country code bits 0-7 = version number bits 8-15 = country code
<b>} Intl0Rec;</b>		32		
typedef Intl0Rec <b>*Intl0Ptr;</b>				
typedef Intl0Rec <b>**Intl0Hndl;</b>				

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Notes: Use Intl0Rec in calls to **IUGetIntl**(0), **IUSetIntl**(...,0,...),

**IUDatePString**, and **IUTimePString**. Values in the current version of this structure are also used internally by **IUDateString** and **IUTimeString**.

The **IUMetric** function echos the value of the metricSys field.

This structure echoes the contents of the 'INTL' resource whose ID is 0.

The **Intl1Rec** structure contains additional information used in formatting time and date output in the International Utilities Package.