IUTimePString   Convert "raw" seconds to time string (with parm)

#include <Packages.h>   **International Utilities Package**

void	**IUTimePString(**_rawSecs, wantSecs, resultStr, intlHndl_ **)**;	
long	_rawSecs_ ;	seconds since 1/1/1904 (ala **GetDateTime)**
Boolean	_wantSecs_ ;	0=truncate seconds, 1=include seconds
Str255	_resultStr_ ;	address of buffer to receive resulting p-string
Handle	_intlHndl_ ;	Handle leading to an Intl0Rec structure

IUTimePString converts a binary date/time value into a string of text describing the time of day, exactly as described in **IUTimeString** except that you can specify a custom data structure to override normal output formatting.

rawSecs is a long integer; the number of seconds since Midnight, 1/1/1904. You can use any date/time value obtained from a catalog information block (see **PBGetCatInfo**) or a value obtained via **GetDateTime**.

wantSecs specifies whether to include the seconds (as well as the hour and minute) in the output. It is one of:

FALSE   Discard seconds: **1:05 AM**

TRUE   Include seconds: **1:05:09 AM**

resultStr is the address of a buffer. Upon return, it will contain the text of the time as a pascal-style length-prefixed string in the layout identified by flags in 'INTL' resource 0.

intlHndl is a Handle leading to either a 32-byte Intl0Rec structure. This is normally a handle obtained via **IUGetIntl**(0) with selected fields modified.

Returns: none

Notes: **IUTimePString** and **IUDatePString** provide flexibility in how to format the output of time and date strings.

Normal usage is to call **IUGetIntl**(0), modify one or more fields of the Intl0Rec structure, and call **IUTimePString**, as in the example, below.

Example

#include <Packages.h>

```
/* outputs time in 24-hr format with leading 0s in all fields; e.g.: 13:04:02
*/


long            nowNum;
Str255          nowStr;
Intl0Hndl       i0h;                        /* handle to an Intl0Rec */

i0h = (Intl0Hndl)IUGetIntl( 0 );            /* get current settings */
(*i0h)->timeCycle=0;                        /* 24-hr format */
(*i0h)->timeFmt |= secLeadingZ | minLeadingZ | hrLeadingZ;
```

```
GetDateTime( &nowNum );
IUTimePString( nowNum, TRUE, nowStr, i0h ); /* show secs */
DrawString( "\pThe time is: " );
DrawString( nowStr );
```