

	TDateTime	TVariant (varDate)	File Date/Time	TSystemTime	TTimeStamp
Purpose	General purpose	OLE interfaces	File last modified dates	Windows API calls	High precision times
Starting data/time (value = 0)	12/31/1899		01/01/1980		01/01/0001
Data type/definition	Double (integer part = days; decimal part = fraction of a day)		Integer (bit encoding: 0..4 = secs/2, 5..10 = min, 11..15 = hour, 16..20 = day, 21..24 = month, 25..31 = year - 1980)	TSystemTime = record wYear: Word; wMonth: Word; wDayOfWeek: Word; wDay: Word; wHour: Word; wMinute: Word; wSecond: Word; wMilliseconds: Word; end;	TTimeStamp = record; Time : integer; Date : integer; end; (Date = days since start date; Time = msec since midnight)
Sources of values	function Now : TDateTime;		function FileAge (Filename : string) : integer;		MSecsToTimeStamp
	function Date : TDateTime;		function FileGetDate (Handle : integer) : integer;		
	function Time : TDateTime;		TsearchRec.Time returned by FindFirst/FindNext		
Uses of values	ReplaceDate		FileSetDate (Handle, Age : integer);		TimeStampToMSecs
	ReplaceTime;				
	Function DayOfWeek (DateTime : TDateTime) : integer;				
	Function IncMonth (const Date : DateTime; NumOfMonths : integer) : TdateTime;				
To convert TO TDateTime		VariantToDateTime	function FileDateToDateTime (FileDate : integer) : TDateTime;	function SystemTimeToDateTime (const SystemTime : TSystemTime) : TDateTime;	function TimeStampToDateTime (const TimeStamp : TTimeStamp) : TDateTime;
To convert FROM TDateTime		VariantFromDateTime	function DateTimeToFileDate (DateTime : TDateTime) : integer;	procedure DateTimeToSystemTime (DateTime : TDateTime; var SystemTime : TSystemTime);	function DateTimeToTimeStamp (DateTime : TDateTime) : TTimeStamp;
To convert TO string	function DateTimeToStr (DateTime : TDateTime) : string;				
	procedure DateTimeToString (var NewStr : string; const Format : string; DateTime : TDateTime);				

	<code>function DateToStr (Date : TDateTime) : string;</code>				
	<code>function TimeToStr (Time : TDateTime) : string;</code>				
To convert FROM string	<code>function StrToDateTime (const S : string): TDateTime;</code>				
	<code>function StrToDate (const S : string): TDateTime;</code>				
	<code>function StrToTime (const S : string) : TDateTime;</code>				
To DECODE into parts	<code>procedure DecodeDate (Date: TDateTime; var Year, Month, Day : Word);</code>				
	<code>procedure DecodeTime (Time: TDateTime; var Hour, Min, Sec, Msec : Word);</code>				
To ENCODE from parts	<code>function EncodeDate (Year, Month, Day : Word) : TDateTime;</code>				
	<code>function EncodeTime (Hour, Min, Sec, Msec : Word) : TDateTime;</code>				
Other functions	<code>Function IsLeapYear (Year : word) : boolean;</code>				<code>Function GetTickCount : DWORD;</code>

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