

```

*****
{ V O I C E . P A S }
{
  *-----*
  Task      : Demonstrates accessing the Creative Labs
              driver using the 'Text to Speech'
              driver.
  *-----*
  Author     : Michael Tischer / Bruno Jennrich
  Developed on : 03/20/1994
  Last update : 10/10/1994
  *****
  { $m 16000,16000,16000 }
  { $X+ }
  { Function results optional }
}

Uses SBUTIL,CTTS,ARGS,DOS;

var lpEntry : Longint;
iGender,
iTone,
iVolume,
iPitch,
iSpeed : Integer;
Arguments : NArgStrings;
ver : Word;

{ Driver entry point }

*****
{ M A I N P R O G R A M }
*****

Begin
  iGender := 0;
  iGender := GetArg( '-FEMALE', _none, NIL, 0 );
  { Gender }

  iTone := 0;
  iTone := GetArg( '-TREBLE', _none, NIL, 0 );
  { Tone }

  iVolume := 5;
  GetArg( '-VOL:', _int, @iVolume, 1 );
  { Volume }

  iPitch := 5;
  GetArg( '-PITCH:', _int, @iPitch, 1 );
  { Pitch }

  iSpeed := 5;
  GetArg( '-SPEED:', _int, @iSpeed, 1 );
  { Speed }

  if GetNArg( '-', Arguments ) = 0 then
  Begin
    Writeln( 'Call: voice TEXT [ -FEMALE][ -TREBLE]' );
    Writeln( '[ -VOL:0-9][ -PITCH:0-9][ -SPEED:0-9 ]' );
    Halt( 0 );
  End;

  lpEntry := sb_LoadDriver( 'CTTS.DRV' );
  { Load CTTS driver }

  if lpEntry = 0 then
    Writeln( 'Could not find "CTTS.DRV"! ' )
  else
  Begin
    {-- Evaluate BLASTER environment variable -----}
    if ctts_GetEnvSettings( lpEntry ) <> 0 then
      Writeln( 'Error in BLASTER environment variable' )
    else
      if ctts_Init( lpEntry ) <> 0 then
        { Initialize driver }
        Writeln( 'Could not initialize CTTS' )
      else
      Begin
        ver := ctts_GetDrvVer( lpEntry );
        Writeln( 'CTTS version: ', ver shr 8, '.', ver and $ff );
        ctts_SetSpeechParam( lpEntry,
          iGender,
          iTone,
          iVolume,
          iPitch,
          iSpeed );
        ctts_Say( lpEntry, Arguments[0] ); { Speak your piece... }
        ctts_Terminate( lpEntry ); { and end }
      End;
      sb_UnloadDriver( lpEntry ); { Remove driver }
    End;
  End.

```