

Listing: VOICE.PAS

```
{*****}
{                               V O I C E . P A S                               }
{*-----*}
{ Task           : Demonstrates accessing the Creative Labs }
{                  driver using the 'Text to Speech'       }
{                  driver.                                 }
{*-----*}
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{ 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;                      { Driver entry point }
    iGender,
    iTone,
    iVolume,
    iPitch,
    iSpeed   : Integer;
    Argumente : NArgStrings;
    ver       : Word;
```

```
{*****}
{                               M A I N   P R O G R A M                               }
{*****}
Begin
    iGender := 0;                                     { Gender }
    iGender := GetArg( '-FEMALE', _none, NIL, 0 );
```

```

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

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

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

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

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( 'Couldn't 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' )
  End

```

```

else
  Begin
    ver := ctts_GetDrvVer( lpEntry );      { Get version number }
    Writeln( ' CTTS version: ', ver shr 8, '.', ver and $ff );
    ctts_SetSpeechParam( lpEntry,          { Set speech parameters }
                        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.

```