

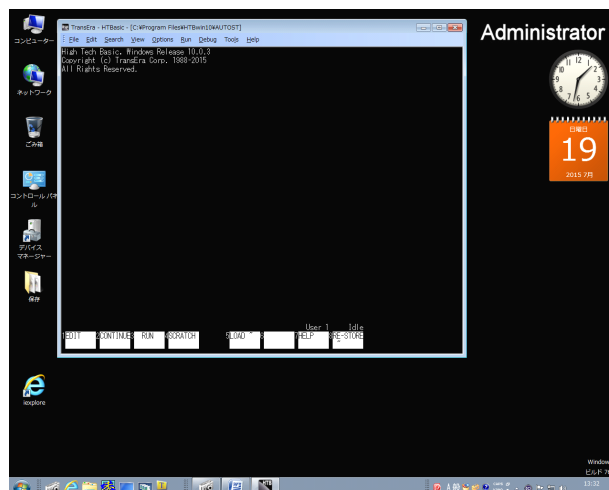
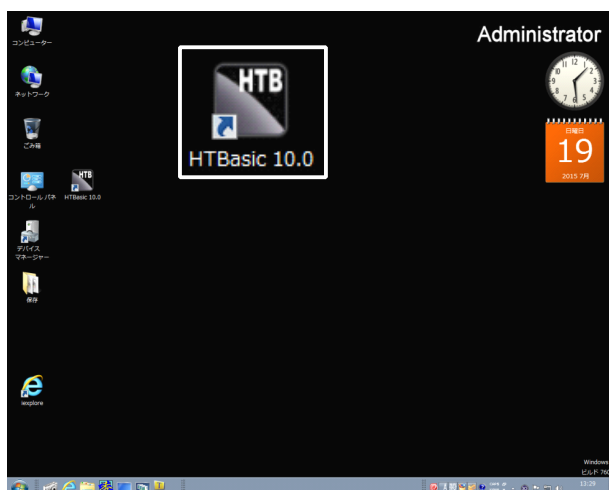
HTBasic Bplus 日本語・漢字動作確認

2015.7 HTBasic 10.0.3 のリリースから、一部不具合のあった HTBasic BPLUS ウェジイトでの漢字の使用が修正されました。 テストプログラム「i2net_DIALOGS.prg」を実行して日本語・漢字動作の確認を行います。

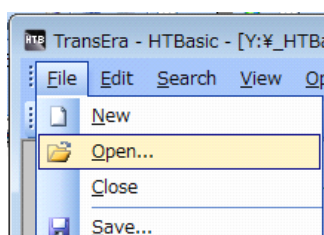
この資料は、HTBasic Bplus の補足資料としてアイネット株式会社が提供するものです。

テスト プログラムの 実行

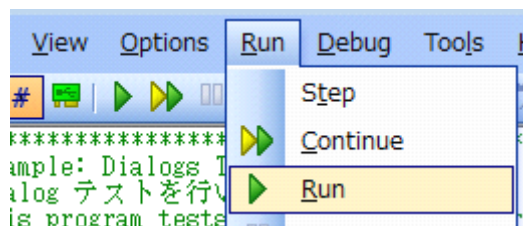
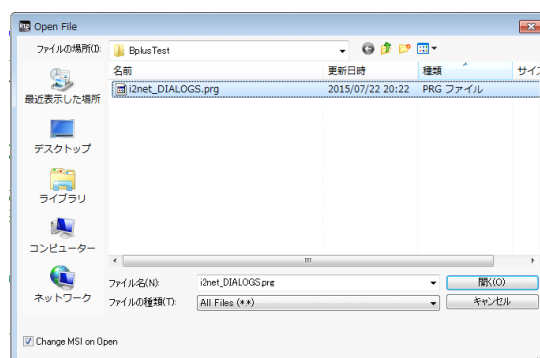
デスクトップの HTBasic 開発バージョンのショートカットアイコンから、HTBasic を起動、その後メニューバーから File | Open でテストプログラムのあるフォルダーから「i2net_DIALOGS.prg」を読み込み、Run | Run で実行します。



HTBasic の起動

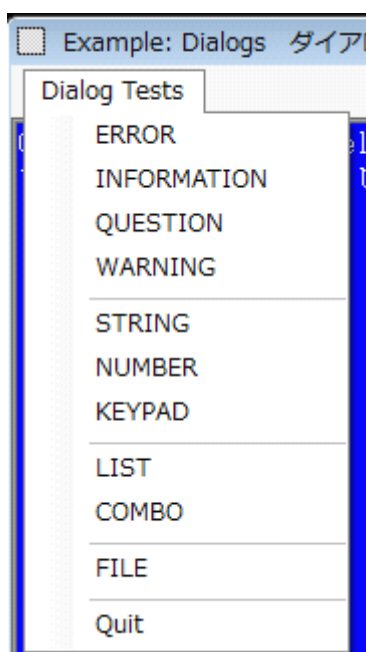
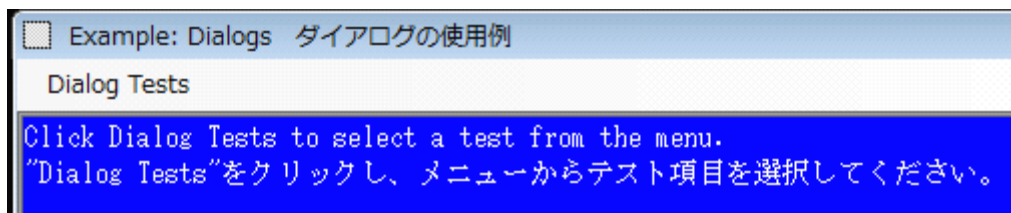
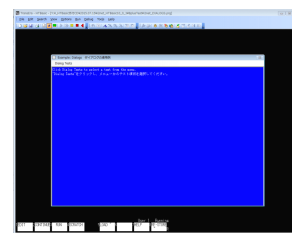


「i2net_DIALOGS.prg」の読み込み



「i2net_DIALOGS.prg」の実行

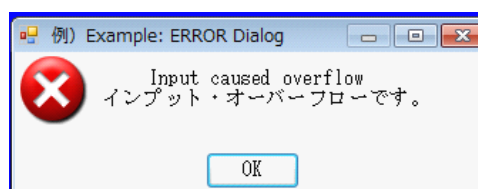
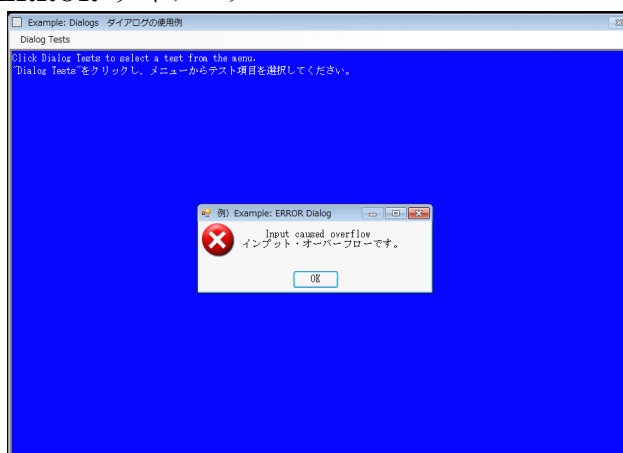
- テスト項目
- － ダイアログ
 - － PRINTER ウィジェット
 - － 日本語・漢字



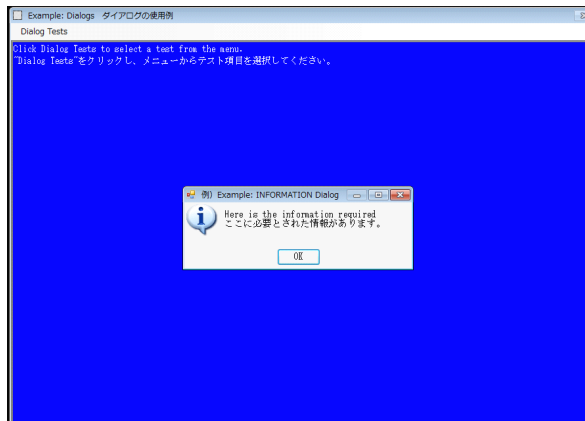
テスト項目

1. ERROR ダイアログ
2. INFORMATION ダイアログ
3. QUESTION ダイアログ
4. WARNING ダイアログ
5. STRING ダイアログ
6. NUMBER ダイアログ
7. KEYPAD ダイアログ
8. LIST ダイアログ
9. COMBO ダイアログ
10. FILE ダイアログ

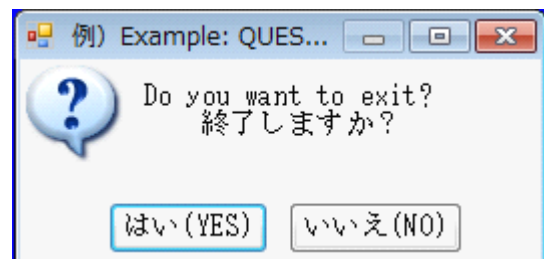
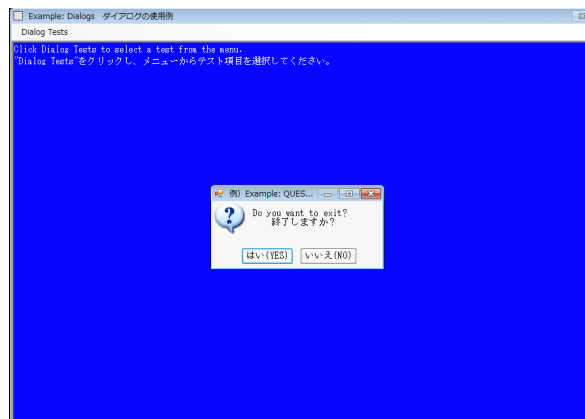
1. ERROR ダイアログ



2. INFORMATION ダイアログ



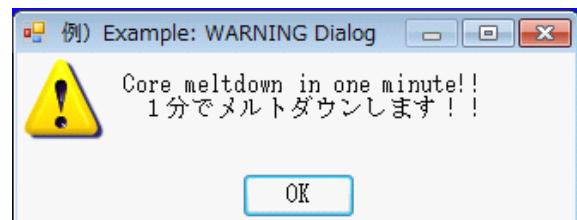
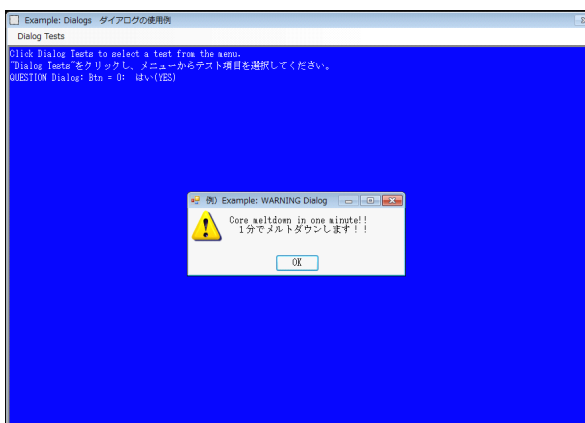
3. QUESTION ダイアログ



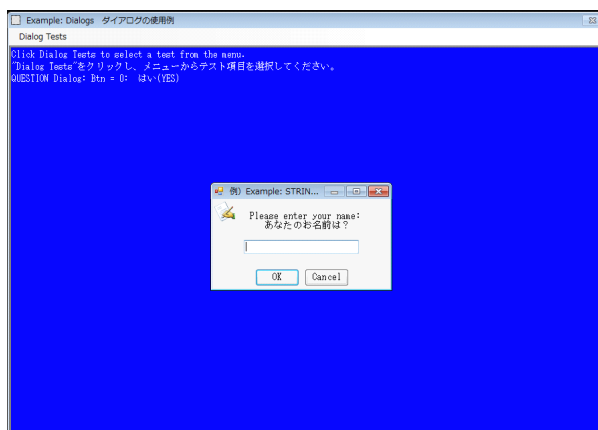
戻り値: Btn

Click Dialog Tests to select a test from the menu.
 "Dialog Tests" をクリックし、メニューからテスト項目を選択してください。
 QUESTION Dialog: Btn = 0: はい (YES)

4. WARNING ダイアログ

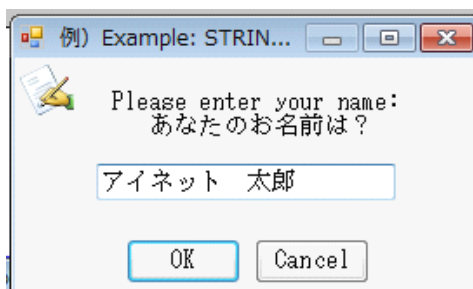
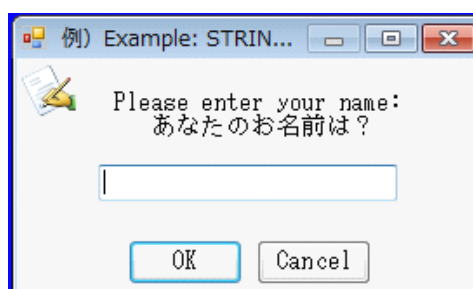


5. STRING ダイアログ

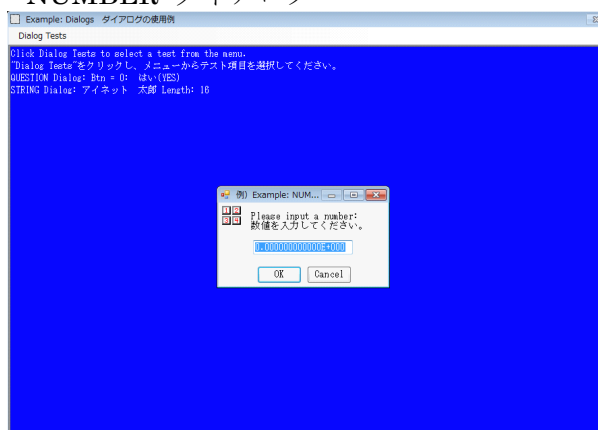


返り値： 文字列、文字列の長さ（半角換算）

STRING Dialog: アイネット 太郎 Length: 16

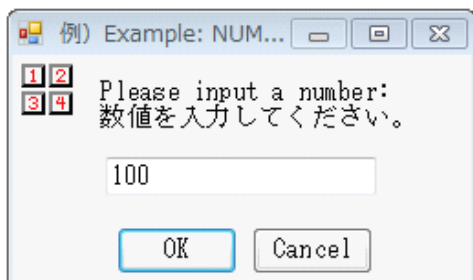
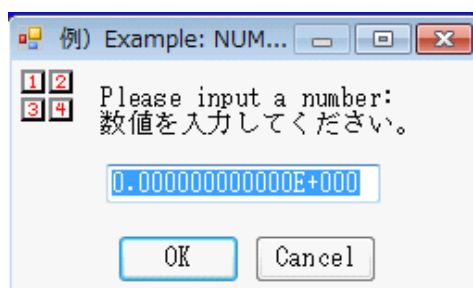


6. NUMBER ダイアログ

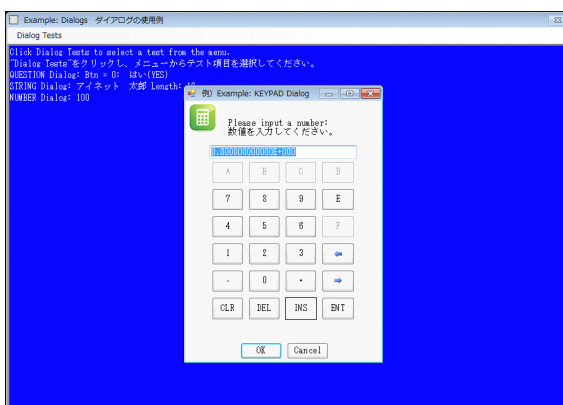


返り値： 数値

NUMBER Dialog: 100



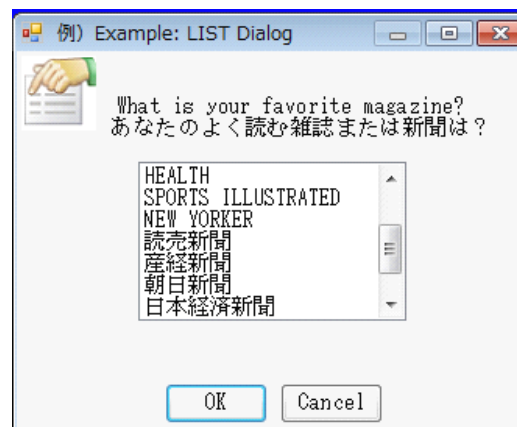
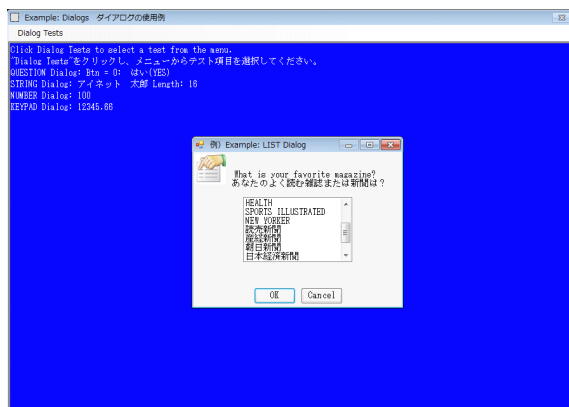
7. KEYPAD ダイアログ



返り値： 数値

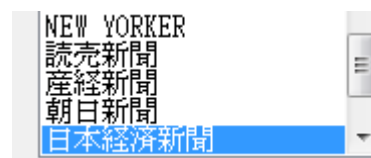
KEYPAD Dialog: 12345.66

8. LIST ダイアログ

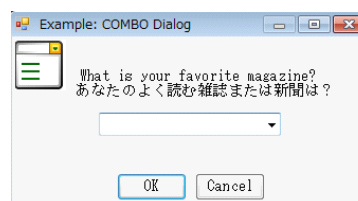
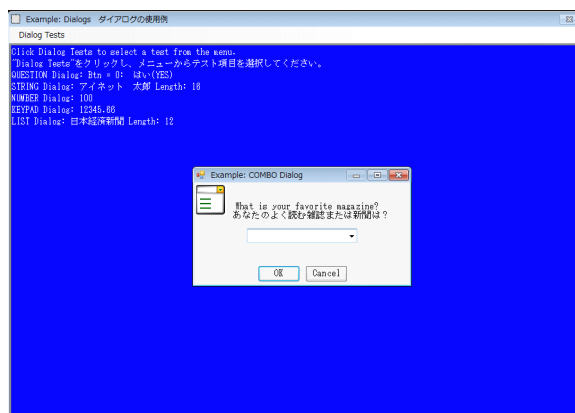


返り値： 文字列、文字列の長さ（半角換算）

LIST Dialog: 日本経済新聞 Length: 12

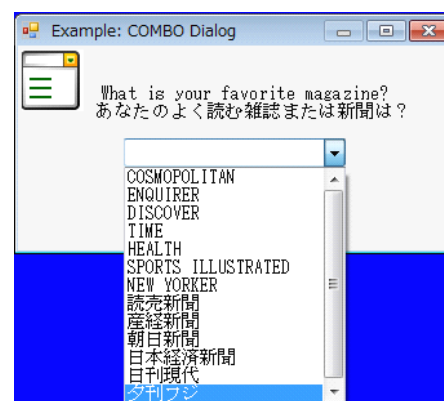


9. COMBO ダイアログ

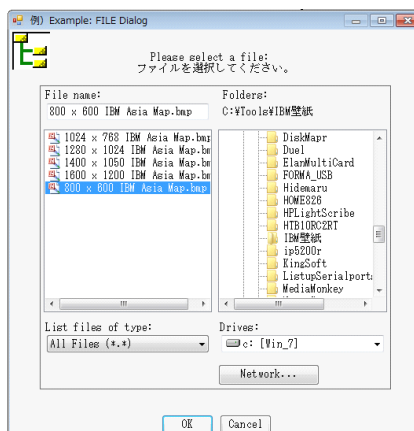
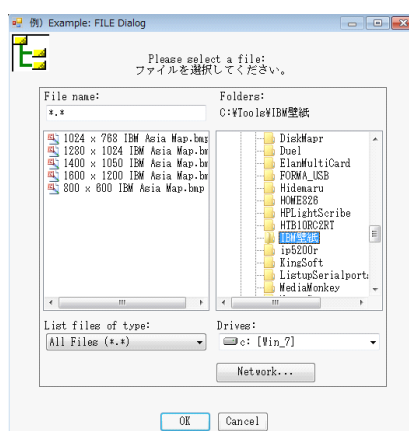
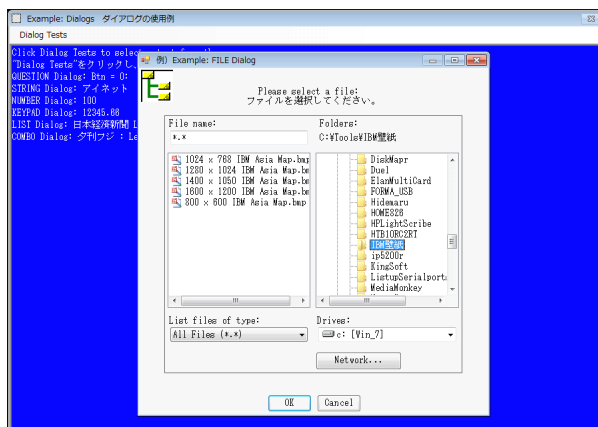


返り値： 文字列、文字列の長さ（半角換算）

COMBO Dialog: 夕刊フジ : Length: 8



10. FILE ダイアログ

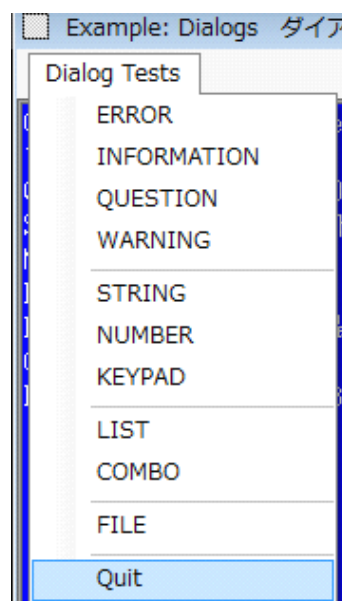
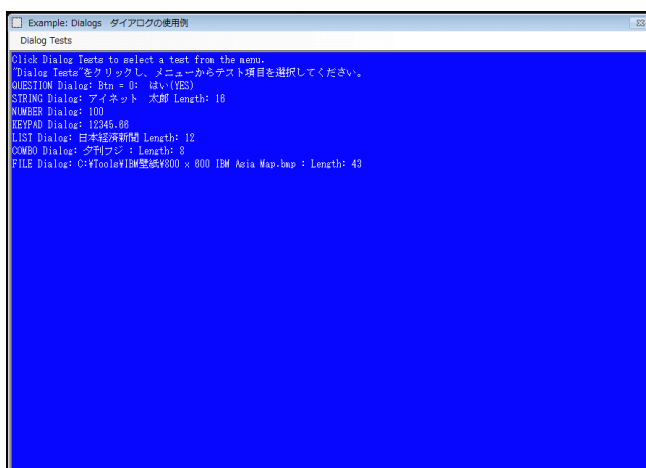


戻り値： 文字列、文字列の長さ（半角換算）

FILE Dialog: C:\#Tools\#IBM壁紙\#800 x 600 IBM Asia Map.bmp : Length: 43

その他) PRINTER ウェッジット

終了 ⇒ Quit



以上

プログラム リスト

i2net_DIALOGS.prg

「i2net_DIALOGS.prg」のファイル内容

10 ! ***** *****	420 DATA "朝日新聞","日本経済新聞","日刊現代","夕刊フジ"
20 ! Example: Dialogs Tests	430 READ M\$(*)
30 ! Dialog テストを行います(日本語・漢字)	440 !
40 ! This program tests HTbasic/HP BASIC for Windows dialogs.	450 ! Variables to store widget & display coordinates and dimensions:
50 ! Modified by i2net co., ltd 2015.07.21	460 !
60 ! ***** *****	470 INTEGER Px,Py,Pw,Ph ! Main PANEL
70 !	480 INTEGER Iw,Ih ! Inside dimensions of main PANEL
80 ! Seed random-number generator with current time (manipulating to	490 INTEGER Dw,Dh ! Display dimensions
90 ! produce a seed that varies rapidly over a wide range, ensuring	500 !
100 ! diversity in random-number sequences):	510 ! Get display size
110 LOAD BIN "BPLUS"	520 !
120 CLEAR SCREEN	530 GESCPE CRT,3;D(*)
130 CONTROL CRT,100;1	540 Dw=D(3)-D(1)
140 CONTROL KBD,203;1 !	550 Dh=D(4)-D(2)
150 CONTROL KBD,204;1 !	560 !
160 RANDOMIZE INT(FRACT(TIMEDATE)*10^7)	570 CLEAR SCREEN
170 OPTION BASE 0	580 !
180 Crlf\$=CHR\$(13)&CHR\$(10)	590 ! Set default coordinates for main PANEL
190 ! Variables to store PEN colors:	600 !
200 LOAD BIN "BPLUS"	610 Pw=Dw*.75
210 INTEGER	620 Ph=Dh*.75
Black,White,Red,Yellow,Green,Cyan,Blue,Magenta	630 Px=(Dw-Pw)/2
220 DATA 0,1,2,3,4,5,6,7	640 Py=(Dh-Ph)/2
230 READ	650 !
Black,White,Red,Yellow,Green,Cyan,Blue,Magenta	660 ! Create the PANEL widget
240 DIM P_button\$(10)[20]	670 !
250 ! Some other variables:	680 ASSIGN @Main TO WIDGET "PANEL";SET ("VISIBLE":0)
260 !	690 CONTROL @Main;SET ("X":Px,"Y":Py,"WIDTH":Pw,"HEIGHT":Ph)
270 ! S\$: String variable	700 CONTROL @Main;SET ("MAXIMIZABLE":0,"RESIZABLE":0)
280 ! P\$: Stores a prompt	710 CONTROL @Main;SET ("TITLE": " Example: Dialogs ダイアログの使用例")
290 ! D\$: Returns directory from FILE dialog	720 !
300 ! F\$: Returns file from FILE dialog	730 ! Set up menu
310 ! N: INTEGER variable	740 !
320 ! X: REAL variable	750 S\$="Dialog Tests"
330 ! Btn: Variable to get button inputs from dialogs	760 ASSIGN @Menu TO WIDGET "PULLDOWN MENU";PARENT @Main,SET ("LABEL":S\$)
340 ! D(*): Array to get display dimensions for BASIC	770 !
350 !	780 S\$="ERROR"
360 DIM S\$[256],P\$[100],M\$(0:12)[50]	790 ASSIGN @Errtest TO WIDGET "MENU BUTTON";PARENT @Menu,SET ("LABEL":S\$)
370 INTEGER N,Btn,D(1:4)	800 !
380 REAL X	810 S\$="INFORMATION"
390 !	820 ASSIGN @Infotest TO WIDGET "MENU BUTTON";PARENT @Menu,SET ("LABEL":S\$)
400 DATA	830 !
"COSMOPOLITAN","ENQUIRER","DISCOVER","TIME","HEALTH"	840 S\$="QUESTION"
410 DATA "SPORTS ILLUSTRATED","NEW YORKER","読売新聞","産経新聞"	850 ASSIGN @Qtest TO WIDGET "MENU BUTTON";PARENT @Menu,SET ("LABEL":S\$)
	860 !

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870 S$="WARNING"
880 ASSIGN @Warntest TO WIDGET "MENU
BUTTON";PARENT @Menu,SET ("LABEL":S$)
890 !
900 ASSIGN @S1 TO WIDGET "MENU
SEPARATOR";PARENT @Menu
910 !
920 S$="STRING"
930 ASSIGN @Stringtest TO WIDGET "MENU
BUTTON";PARENT @Menu,SET ("LABEL":S$)
940 !
950 S$="NUMBER"
960 ASSIGN @Numtest TO WIDGET "MENU
BUTTON";PARENT @Menu,SET ("LABEL":S$)
970 !
980 S$="KEYPAD"
990 ASSIGN @Keytest TO WIDGET "MENU
BUTTON";PARENT @Menu,SET ("LABEL":S$)
1000 !
1010 ASSIGN @S2 TO WIDGET "MENU
SEPARATOR";PARENT @Menu
1020 !
1030 S$="LIST"
1040 ASSIGN @Listtest TO WIDGET "MENU
BUTTON";PARENT @Menu,SET ("LABEL":S$)
1050 !
1060 S$="COMBO"
1070 ASSIGN @Combostest TO WIDGET "MENU
BUTTON";PARENT @Menu,SET ("LABEL":S$)
1080 !
1090 ASSIGN @S3 TO WIDGET "MENU
SEPARATOR";PARENT @Menu
1100 !
1110 S$="FILE"
1120 ASSIGN @Filetest TO WIDGET "MENU
BUTTON";PARENT @Menu,SET ("LABEL":S$)
1130 !
1140 ASSIGN @S4 TO WIDGET "MENU
SEPARATOR";PARENT @Menu
1150 !
1160 S$="Quit"
1170 ASSIGN @Quit TO WIDGET "MENU
BUTTON";PARENT @Menu,SET ("LABEL":S$)
1180 !
1190 ! Build PRINTER widget
1200 !
1201 GOSUB Infotest2
1202 !
1203 !
1210 COM @Prn
1220 ASSIGN @Prn TO WIDGET
"PRINTER";PARENT @Main
1230 STATUS @Main:RETURN ("INSIDE
WIDTH":Iw,"INSIDE HEIGHT":Ih)
1240 CONTROL @Prn:SET
("X":0,"Y":0,"WIDTH":Iw,"HEIGHT":Ih)
1250 CONTROL @Prn:SET
("BACKGROUND":Blue,"PEN":White)
1260 !
1270 ! Set up events for menu entries and PANEL
resize, then loop.
1280 !
1290 ON EVENT @Errtest,"ACTIVATED" GOSUB
Errtest

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1300 ON EVENT @Infotest,"ACTIVATED" GOSUB
Infotest
1310 ON EVENT @Qtest,"ACTIVATED" GOSUB
Qtest
1320 ON EVENT @Warntest,"ACTIVATED" GOSUB
Warntest
1330 ON EVENT @Stringtest,"ACTIVATED" GOSUB
Stringtest
1340 ON EVENT @Numtest,"ACTIVATED" GOSUB
Numtest
1350 ON EVENT @Keytest,"ACTIVATED" GOSUB
Keytest
1360 ON EVENT @Listtest,"ACTIVATED" GOSUB
Listtest
1370 ON EVENT @Combostest,"ACTIVATED" GOSUB
Combostest
1380 ON EVENT @Filetest,"ACTIVATED" GOSUB
Filetest
1390 !
1400 ON EVENT @Quit,"ACTIVATED" GOTO Finis
1410 !
1420 CONTROL @Main:SET ("VISIBLE":1)
1430 CALL Printit("Click Dialog Tests to select a test
from the menu."&Crlf$&""Dialog Tests""をクリック
し、メニューからテスト項目を選択してください。")
1440 !
1450 LOOP
1460 WAIT FOR EVENT
1470 END LOOP
1480 !
1490 !***** End of Main Program
*****
1500 !
1510 Errtest:!
1520 P$="Input caused overflow"&Crlf$&"インプッ
ト・オーバーフローです。"
1530 DIALOG "ERROR",P$;SET ("TITLE": " 例)
Example: ERROR Dialog","FONT": "10 BY 14")
1540 RETURN
1550 !
1560 Infotest:!
1570 P$="Here is the information required"&Crlf$&"
ここに必要とされた情報があります。"
1580 DIALOG "INFORMATION",P$;SET ("TITLE": "
例) Example: INFORMATION Dialog","FONT": "10 BY
14")
1590 RETURN
1600 Infotest2:!
1601 P$=""
1602 DIALOG "INFORMATION",P$;SET ("TITLE": "
例) Example: INFORMATION Dialog","FONT": "10 BY
14"),TIMEOUT .05
1604 RETURN
1605 !
1610 Qtest:!
1620 P$="Do you want to exit?"&Crlf$&"終了しま
すか?"
1630 REDIM P_button$(0:1)
1640 P_button$(0)="はい(YES)"
1650 P_button$(1)="いいえ(NO)"
1660 DIALOG "QUESTION",P$,Btn:SET ("TITLE": "
例) Example: QUESTION Dialog","DIALOG
BUTTONS":P_button$(*), "FONT": "10 BY 14")
1670 SELECT Btn

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1680 CASE 0
1690     CALL Printit("QUESTION Dialog: Btn = 0:
はい(YES)")
1700 CASE 1
1710     CALL Printit("QUESTION Dialog: Btn = 1:
いいえ(NO)")
1720 END SELECT
1730 RETURN
1740 !
1750 Warntest:!
1760 P$="Core meltdown in one minute!!"&Crlf$&" 1
分でメルトダウンします!!"
1770 DIALOG "WARNING",P$,Btn;SET ("TITLE":" 例)
Example: WARNING Dialog","FONT":"10 BY 14")
1780 RETURN
1790 !
1800 Stringtest:!
1810 S$=""
1820 P$=" Please enter your name:"&Crlf$&"あなたのお
名前は何?"
1830 DIALOG "STRING",P$,Btn;SET ("TITLE":" 例)
Example: STRING Dialog","FONT":"10 BY
14"),RETURN ("VALUE":S$)
1840 SELECT Btn
1850 CASE 0
1860     IF LEN(S$)<>0 THEN
1870         CALL Printit("STRING Dialog: "&S$&"
Length: "&VAL$(LEN(S$)))
1880     ELSE
1890         CALL Printit("STRING Dialog: 文字の入力
がありません (No string input) ")
1900     END IF
1910 CASE 1
1920     CALL Printit("STRING Dialog: 文字の入力
がキャンセルされました (Canceled) ")
1930 END SELECT
1940 RETURN
1950 !
1960 Numtest:!
1970 P$="Please input a number:"&Crlf$&"数値を入
力してください。"
1980 DIALOG "NUMBER",P$,Btn;SET ("TITLE":"
例) Example: NUMBER Dialog","FONT":"10 BY
14"),RETURN ("VALUE":X)
1990 SELECT Btn
2000 CASE 0
2010     CALL Printit("NUMBER Dialog:
"&VAL$(X))
2020 CASE 1
2030     CALL Printit("NUMBER Dialog: 数値が入
力がキャンセルされました (No number input) ")
2040 END SELECT
2050 RETURN
2060 !
2070 Keytest:!
2080 P$="Please input a number:"&Crlf$&"数値を入
力してください。"
2090 DIALOG "KEYPAD",P$,Btn;SET ("TITLE":" 例)
Example: KEYPAD Dialog","FONT":"10 BY
14"),RETURN ("VALUE":X)
2100 SELECT Btn
2110 CASE 0
2120     CALL Printit("KEYPAD Dialog:
"&VAL$(X))
2150 END SELECT
2160 RETURN
2170 !

2180 Listtest:!
2190 P$="What is your favorite magazine?"&Crlf$&"
あなたのよく読む雑誌または新聞は?"
2200 DIALOG "LIST",P$,Btn;SET ("TITLE":" 例)
Example: LIST Dialog","ITEMS":M$(*),"FONT":"10
BY 14"),RETURN ("SELECTION":N)
2210 IF Btn=0 AND N=-1 THEN CALL Printit("LIST
Dialog: No selection from list")
2220 IF Btn=0 AND N<>-1 THEN CALL
Printit("LIST Dialog: "&M$(N)&" Length:
"&VAL$(LEN(M$(N))))
2230 RETURN
2240 !
2250 Combotest:!
2260 P$="What is your favorite magazine?"&Crlf$&"
あなたのよく読む雑誌または新聞は?"
2270 S$=""
2280 DIALOG "COMBO",P$,Btn;SET ("TITLE":"
Example: COMBO
Dialog","ITEMS":M$(*),"FONT":"10 BY
14"),RETURN ("TEXT":S$)
2290 SELECT Btn
2300 CASE 0
2310 IF Btn=0 AND S$="" THEN CALL
Printit("COMBO Dialog: 選択されていません (No
selection from list) ")
2320 IF Btn=0 AND S$<>"" THEN CALL
Printit("COMBO Dialog: "&S$&" :"&" Length:
"&VAL$(LEN(S$)))
2330 CASE 1
2340 CALL Printit("COMBO Dialog: 入力がかん
セルされました (No number input) ")
2350 END SELECT
2360 RETURN
2370 !
2380 Filetest:!
2390 P$="Please select a file:"&Crlf$&"ファイルを選
択してください。"
2400 DIALOG "FILE",P$,Btn;SET ("TITLE":" 例)
Example: FILE Dialog","FONT":"10 BY
14"),RETURN ("SELECTION":S$)
2410 SELECT Btn
2420 CASE 0
2430     CALL Printit("FILE Dialog: "&S$&" :"&"
Length: "&VAL$(LEN(S$)))
2440 CASE 1
2450     CALL Printit("FILE Dialog: 選択をか
ンセルしました (No file input) ")
2460 END SELECT
2470 RETURN
2480 !
2490 Finis:!
2500 ASSIGN @Main TO *           ! Delete main panel
2510 END
2520 !
2530 ! Subprogram to print text to PRINTER widget
2540 !
2550 SUB Printit(S$)
2560     COM @Prn
2570     CONTROL @Prn;SET ("APPEND
TEXT":S$,"FONT":"10 BY 14")
2580 SUBEND

```

