Thoroughbred Basic™ for Windows Pocket PC
Installation Guide

Version 8.7.0

Document Number: B8.7.0IPPC01

INTRODUCTION

The Thoroughbred Installation requires your Pocket PC device to be connected to a Windows Workstation.

Using Windows Explorer from the Windows Workstation, first copy the Setup folder from your Installation CD-ROM to your workstation. Then, copy the files listed below from your workstation to your Pocket PC. You will need to create an IDL4 directory on your Pocket PC.

File to be copied:	Directory:
IPLINPUT.TXT	\
GETSSN.EXE	\
TCONFIGW	\IDL4
TSI.INI	\windows
TSICONST.INI	\windows
IBMPCDOS.TTF	\windows
B.EXE	\windows\start menu

Note: The IBMPCDOS.TTF may already exist.

Which Basic is Right for Your Pocket PC

Thoroughbred has two Basic executables that have been tested with the HP Jornada, Dell Axim, and the Compaq iPaq. Both the Dell and Compaq devices use the same Basic. The HP requires a separate compile. You can check the version of your Windows Pocket PC from your handheld device by doing the following:

Compaq/Dell
From the **Start Menu**, click on **Settings**; **System** and then click on **About**. The version should read similar to:

Microsoft Pocket PC
Version 3.0.11171 (Build 11178)

HP
From the **Control Panel**, click on **System**; click on the **System Tab**. The version should read similar to:

Microsoft Windows for Handheld PC 2000
Core System Version 3.0
Build 9546-126

Select the correct Basic for your Pocket PC device from the Setup\Basic folder.

Supported with Version 8.7.0

The following Thoroughbred interfaces ARE supported with version 8.7.0:

- INF(3,2) – returns the Owner from GETSSN

- OPT=SOCKET

- TS Network DataServer

INSTALLATION

Install Basic

Using the Pocket PC device, run **File Explorer** and double-click **GETSSN.EXE**. You will be prompted to enter your Serial Number, Owner and Company name. Select **OK** to serialize your Basic.

Before Running Basic

Copy your application from a Windows Workstation to a directory on your Pocket PC. Make sure to add this directory to IPLINPUT.TXT. If your application is Dictionary-IV based, be sure to copy a pre-merged IDDBD to your Pocket PC.

Running Basic For The First Time

From the **Start Menu**, select **B** (you can rename the executable for a more descriptive Start name). You will be prompted to complete the Thoroughbred Activation.

NOTE: Pocket PC Basics can be activated using Thoroughbred's Web-based Activation system (www.tbred.com/b_activate.html).

USING THE POCKET PC

Keyboard for the Pocket PC

The Basic menu bar includes the Pocket PC keyboard icon. Click on the keyboard icon to open the keyboard. Click on it again to close the keyboard. The Pocket PC keyboard does not include some keys often used with Thoroughbred Applications. You can access the following from the Thoroughbred menu bar:

FKeys   displays all function keys

Keys   display editing keys
              (CIns, CDel, LIns, LDel, LErase, Home, PgUp, PgDn, CtlB, Hot Key, Escape)

Menu   displays Copy, Paste, About, and Exit

Terminating the Basic Task

Your application should terminate Basic by doing a RELEASE. Clicking on the X in the top right-hand corner will minimize your Basic session. To view running Pocket PC programs (including Basic), go to **Settings**; **System Tab**; **Memory**; and then select the **Running Programs** Tab.

Using the Pen Stylus

The TSI.INI parameter file is pre-configured for mouse-aware. If you are running an OPENworkshop 8.5.0 or higher application, you can start using the Pen Stylus immediately. Otherwise, you will need to incorporate mouse-aware into your application's INPUT routines. See the 8.6.0 Thoroughbred Basic Release Notes for more information.

EXCEPTIONS USING POCKET PC BASIC

The following functionality is NOT available with the Pocket PC Basic:

- INF(3,x); API; OPT=DDE; SYSTEM; Large file support; File locks

The following File/Database access is NOT supported:

- Btrieve, MicroFocus C-ISAM, ODBC

The following Thoroughbred interfaces are NOT supported:

- VIP, TS Oracle DataServer, TS DataServer for SQL Server

- Only Type 4 printers are supported with the initial release.

CHANGES TO DEFAULT SETTINGS

The typical Pocket PC has fewer resources than a Windows Workstation. Therefore a number of internal default settings were reduced. Depending on your application, you may want to increase some of these values. For example, OPENworkshop does not run well without increasing the number of Public Programs.

Description	Standard	Pocket PC

Number of loaded programs
  use PRM PUBLICS= to change
  Expands dynamically
	100	20

Number of open object libraries	48	8
Number of open LINKS Expands dynamically	100	20
Number of included formats Expands dynamically	100	20
Initial I/O Buffer (bytes)	40000	16352

ADDRESSING SCREEN POSITIONING

The Pocket PC screen does not display an 80x24. Some devices may only display 32 characters wide and 18 lines. Your application will need to take this into consideration. The Thoroughbred main window is still 80x24. Vertical and horizontal scroll bars are available to pan the visible portion of the screen. Your application can also pan the screen to a defined position using a new terminal mnemonic.

```
PRINT 'PANTO',@(15,5)
```

This moves the 15,5 to the top left corner of the Pocket PC screen.

Examples:

```
WINDOW CREATE(20,10,15,5) "BORDER=LG"; PRINT 'PANTO',@(15,5),
```

This example creates a new 20x10 Basic window at column 15 row 5 with a line-graphic border. The PANTO mnemonic scrolls the main Basic window so that new 20x10 window is in the top left corner of the visible screen.

```
PRINT 'PANTO',@(40,10),; INPUT @(40,10),A$
```

This example uses the PANTO mnemonic to scroll the screen so that column 40 row 10 is in the top left corner of the visible screen. The input directive that follows will occur in the top left corner of the visible screen.