

IPD File for BlackBerry

By lff0305@gmail.com

V0.1

Please get the latest version **from** <http://code.google.com/p/bbipd/>

Chapter 1 General Structure

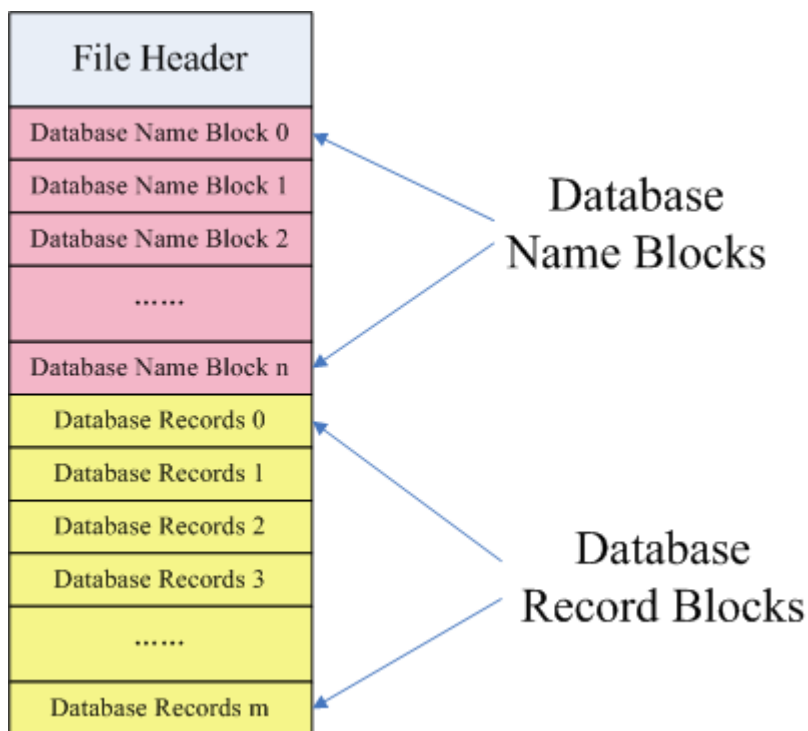
An IPD file can be considered as a database collection. When you backup data to an IPD file from RIM Blackberry Desktop Manager, data on the phone is saved into one or more databases. Each kind of data is saved to one database. For example, all SMS(Short Message Service) data is saved in Database named by SMS Messages.

The IPD file contains the following part:

The **file header** : The header of the IPD file. The signature, version data are in this part.

The **Database Name Blocks**: Several blocks containing the Database names.

The **Database Records**: Several records contain the real data.



Chapter 2 File Header

File Header is a small piece of data. It has the following data:

RIM Signature

LineBreak

Database Version

Numbers of Databases in current file

Database Separator

Name	Offset	Description
RIM Signature	0x0	RIM signature: The ASCII of Inter@ctive Pager Backup/Restore File
LineBreak	0x25	0x0A. Seems not used.
Database Version	0x26	In recent versions of BlackBerry Desktop Manager this field is 02.
Numbers of Databases	0x27~0x28	How many Databases are in this file
Database Separator	0x29	0. Seems not used.

The following is an example from a real .IPD file.

```

00000000h: 49 6E 74 65 72 40 63 74 69 76 65 20 50 61 67 65 ; Inter@ctive Page
00000010h: 72 20 42 61 63 6B 75 70 2F 52 65 73 74 6F 72 65 ; r Backup/Restore
00000020h: 20 46 69 6C 65 0A 02 00 71 00 15 00 56 69 73 75 ; File...q...Visu

```

[RIM signature](#)
LineBreak
Version
Numbers of Databases
Dataabse Seperator

Chapter 3 Database Name Blocks