

## filePro® Demand Index Format

### Demand Index Header

The first 128 bytes of the index are as follows:

All values are given in decimal unless preceded with "0x" for hexadecimal

offset	length	contents
0	2	"0xC931" - filePro index magic number
2	16	The filePro file name
18	64	Sort information – <a href="#">see below</a>
82	2	Index record length – <a href="#">see below</a>
84	1	"0" - A demand index
85	1	"1" - internal flags
86	4	"0" - Used in automatic indexes only
90	4	"0" - Used in automatic indexes only
94	4	Number of records in the index
98	30	"0" - reserved

### Sort Information

The sort information is the following 8 bytes repeated 8 times - once for each possible sort key.

Offset	Length	Contents
0	2	The field number
2	1	Associated field instance
3	1	"0" - Used for output formats only
4	2	Field length
6	1	"0" for ascending, "1" for descending
7	1	Field type

### Index Record Length

Starting at the 129th byte is an entry for each record in the index:

Offset	Length	Contents
0	n	The first key
.	m	The second key
.	.	...
.	1	Associated field instance for the first key
.	1	Associated field instance for the second key
.	.	...
.	4	The record number

[Close This Window](#)