

## GnuCOBOL TUI TOOLS COLLECTION: 76 "QUICK AND DIRTY TABLE MANAGEMENT"

Do you need a function and a place to store and manage simple data (system data, customizing data ...) for your application ? Here are ready to use functions for you.

A set of three GnuCOBOL programs to

- manage from 1 to 8 indexed files with following names **GC76Fnnn.DAT** where "**nnn**" is from 001 to 008.
- each file containing from 1 up to 20 tables
- each table containing from 1 up to 999 records.

Every record has a 100 bytes layout. First 7 bytes are the key, following 93 bytes are data (75 bytes of data and 18 of filler), Configure at your needs the Table Headers. Fill at your needs Table Items (records).

Record key layout is 7 bytes as following:

Table headers: **H + ttt + bbb** where: **H**= Header), **ttt** from 001 to 020 and **bbb** = 3 spaces (blank)

Table Items (records) **I + ttt + iii** where: **I**= Items, **ttt** from 001 to 020, **iii** from 001 to 999 for table records.

### Program **GC76TABHEADERS**

With this program, the user can select one of the 8 files from **GC76F001.DAT** to **GC76F008.DAT** to create or update. Creates the file if it does not exist.

Then display a 20 row x 75 cols full screen where you can update the 001 to 020 Table Headers

There is no controls on data entered by the user .

Execute this program first to create from 1 to 8 files.

### Program **GC76TABITEMS**

With this program, the user can select one of the 8 files. from **GC76F001.DAT** to **GC76F008.DAT**

Then the user can select one of the 001 to 020 Table Headers in that file.

Then display a full screen of 20 rows x 75 cols where user can insert or update the 001 to 020 first Table Items

Press Page down to insert or update next 021 to 040 following Table Items .

Repeat Page Down to insert or update next 20 items from 041 to 060 and so on.

There is no control on data entered by the user but the function is very quick to use.

### Program **GC76TABLIST**

Select one of the 8 files. from **GC76F001.DAT** to **GC76F001.DAT**

Display a scrolling screen with file content. Table headers and following Table Items.

Following schema shows the structure.

File GC76F001.DAT

```
+----- Table Header 001
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
+----- Table Header 002
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
.....
.....
.....
+----- Table Header 020
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
```

File GC76F002.DAT

```
+----- Table Header 001
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
+----- Table Header 002
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
.....
.....
.....
+----- Table Header 020
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
```

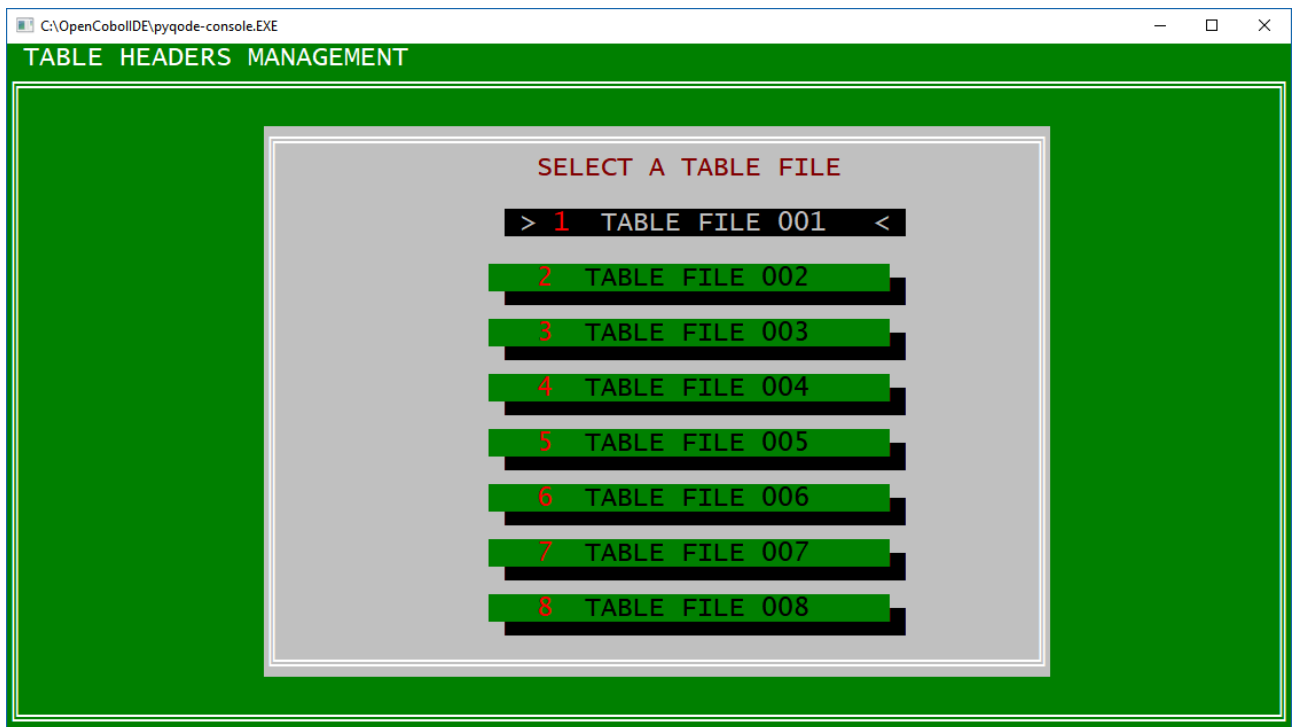
```
.....
.....
.....
```

File GC76F008.DAT

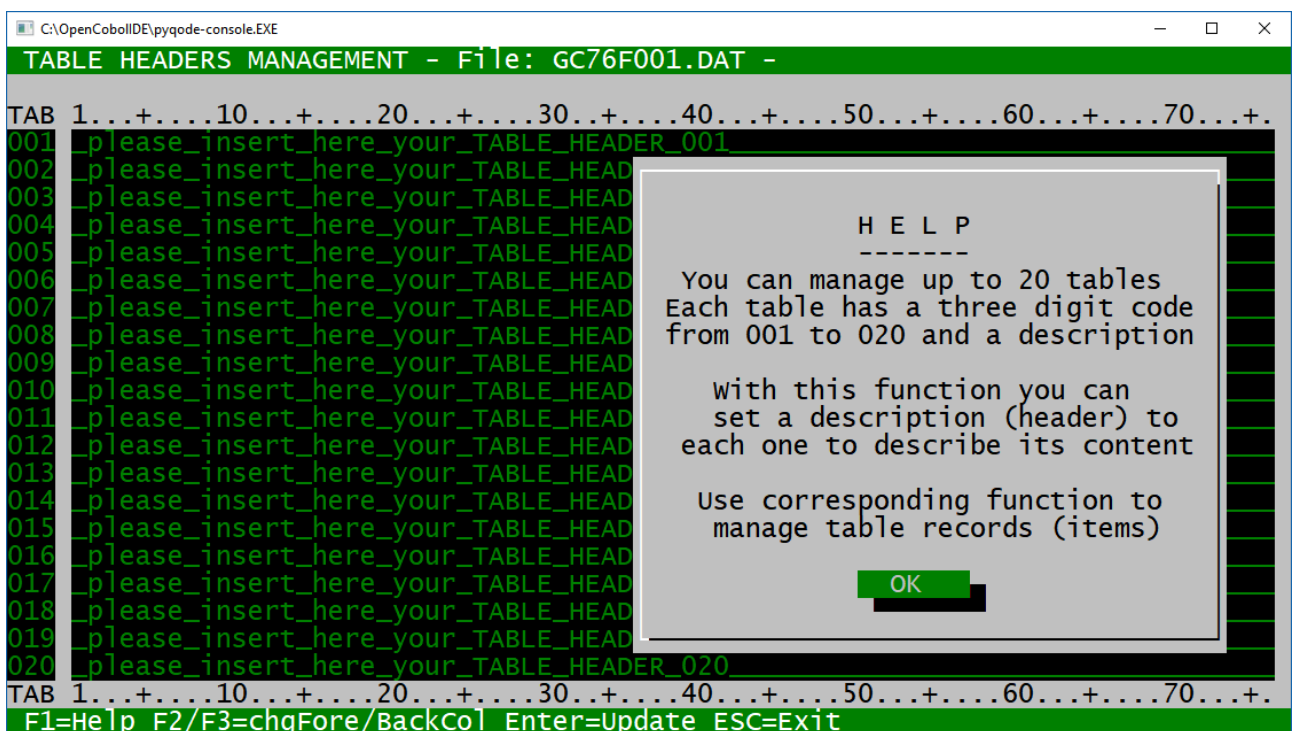
```
+----- Table Header 001
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
+----- Table Header 002
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
.....
.....
.....
+----- Table Header 020
      +----- Table Item 001
      +----- Table Item 002
      .....
      +----- Table Item 999
```

## SCREEN SHOTS

### TABLE HEADERS MANAGEMENT



First time the file is created with 20 table headers you can update.



User has updated table headers

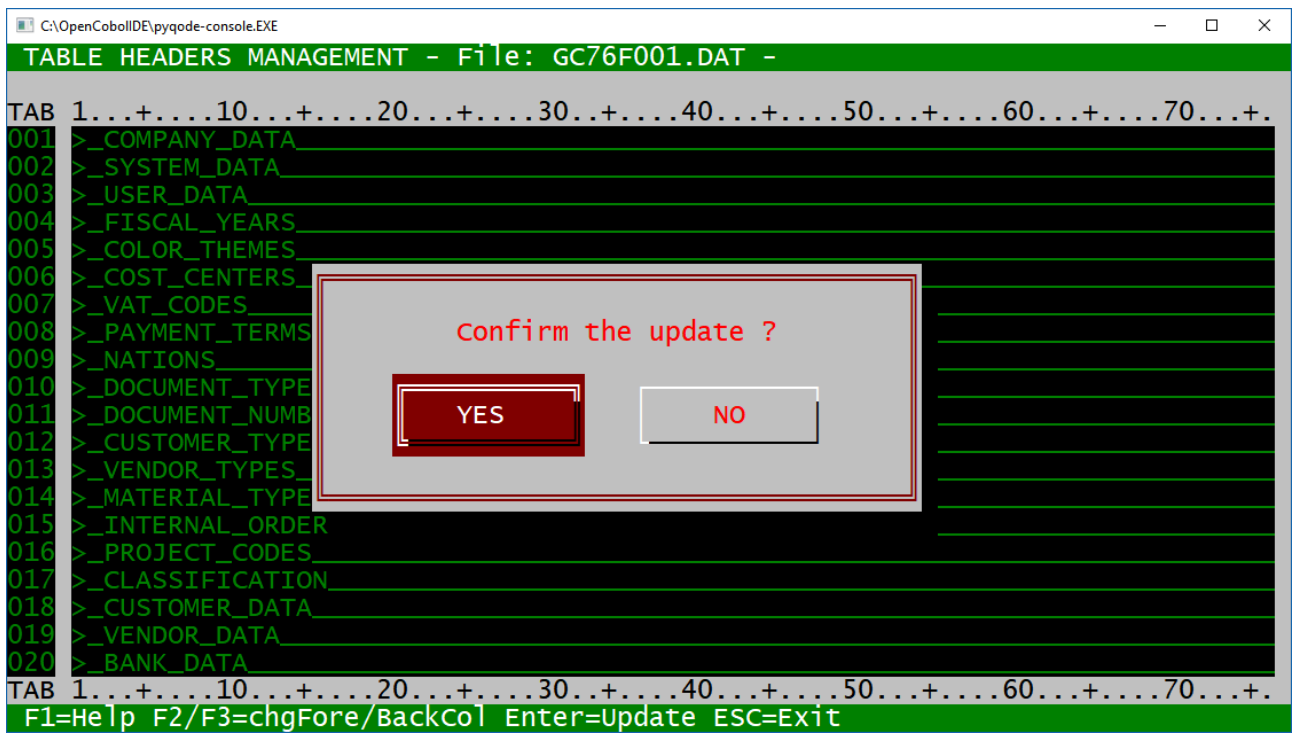
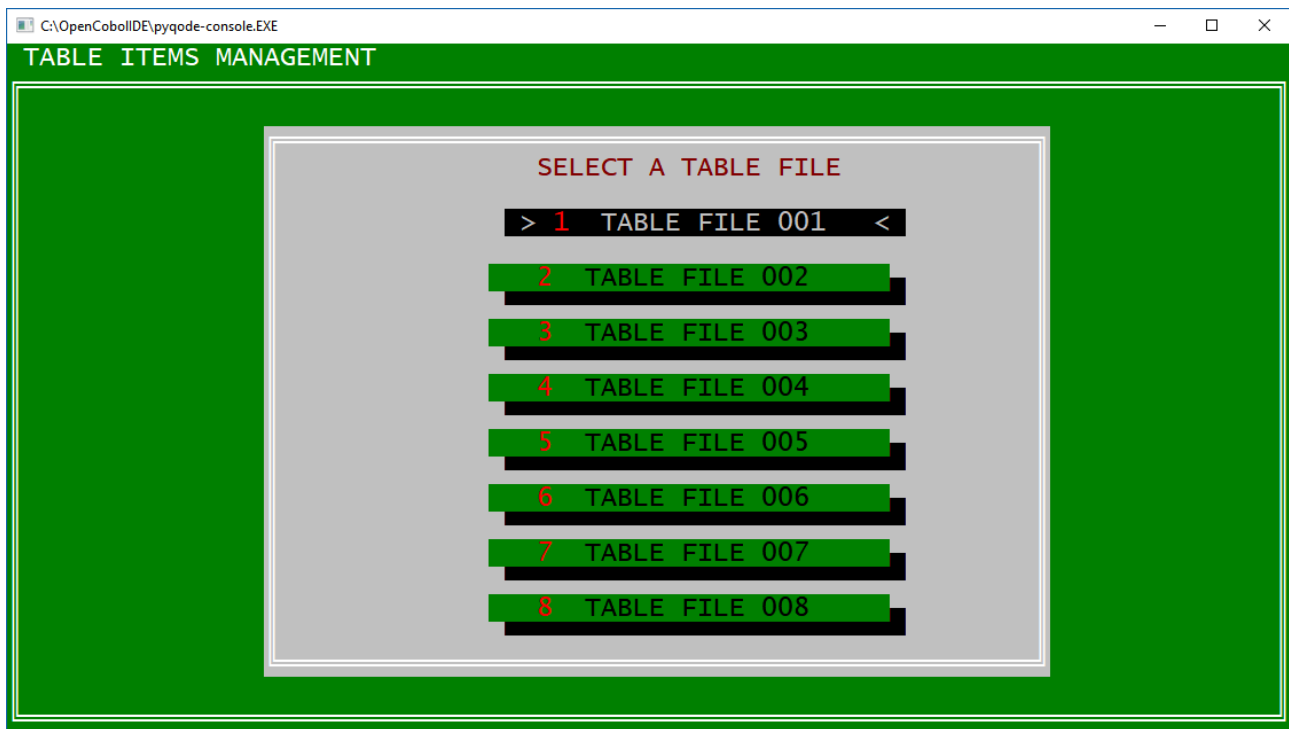


TABLE ITEMS MANAGEMENT

Select a File.



## Select a Table

```

C:\OpenCobolIDE\pyqode-console.EXE
TABLE ITEMS MANAGEMENT - File: GC76F001.DAT - SELECT A TABLE

TAB DESCRIPTION
-----
001 > COMPANY DATA
002 > SYSTEM DATA
003 > USER DATA
004 > FISCAL YEARS
005 > COLOR THEMES
006 > COST CENTERS
007 > VAT CODES
008 > PAYMENT TERMS
009 > NATIONS
010 > DOCUMENT TYPES
011 > DOCUMENT NUMBER RANGES
012 > CUSTOMER TYPES
013 > VENDOR TYPES
014 > MATERIAL TYPES
015 > INTERNAL ORDERS
016 > PROJECT CODES
017 > CLASSIFICATION
018 > CUSTOMER DATA
019 > VENDOR DATA
020 > BANK DATA
  
```

Insert user Data. In this sample each row has its own data. User types labels and data as he wants.

```

C:\OpenCobolIDE\pyqode-console.EXE
TABLE ITEMS MANAGEMENT - File: GC76F001.DAT
Items of table.....: 001 > COMPANY DATA
REC 1...+...10...+...20...+...30...+...40...+...50...+...60...+...70...+.
001 Name1.....:ALPHABET_COMPANY
002 Name2.....:THE_BEST_OF_THE_WORLD
003 Name3.....:
004 Name4.....:
005 Address.....:MAIN_STREET
006 City.....:DALLAS
007 Region.....:
008 State.....:TEXAS
009 Nation.....:UNITED_STAT
010 Language.....:
011 Currency.....:USD
012 VAT_code.....:1234567890-
013 Fiscal_code.....:ABCD123AB/4
014 Phone_number.....:+001_076_12
015 web_site.....:www.alpabet
016 eMail.....:info@alpabe
017
018
019
020
REC 1...+...10...+...20...+...30...+...40...+...50...+...60...+...70...+.
F1=Help F2/F3=chgFore/BackCol PgUp/Dn=Prev/NextPg F7=DelPg Enter=UpdPg ESC=Exit
  
```

\*\*\*\*\* H E L P \*\*\*\*\*

This function manages 20 records for each page/screen.  
Each item has a unique code of three digits , from 001 to 999.

with this function you can enter into each one of elements a free content.  
The system does not have controls on what you enter into the item.

Use specific function to manage table headers.

## Select a Table

C:\OpenCobolIDE\pyqode-console.EXE

TABLE ITEMS MANAGEMENT - File: GC76F001.DAT - SELECT A TABLE

TAB	DESCRIPTION
001	> COMPANY DATA
002	> SYSTEM DATA
003	> <b>USER DATA</b>
004	> FISCAL YEARS
005	> COLOR THEMES
006	> COST CENTERS
007	> VAT CODES
008	> PAYMENT TERMS
009	> NATIONS
010	> DOCUMENT TYPES
011	> DOCUMENT NUMBER RANGES
012	> CUSTOMER TYPES
013	> VENDOR TYPES
014	> MATERIAL TYPES
015	> INTERNAL ORDERS
016	> PROJECT CODES
017	> CLASSIFICATION
018	> CUSTOMER DATA
019	> VENDOR DATA
020	> BANK DATA

Insert user Data. in this sample each row has a record of data  
 First two rows are header for columns data. User types headers rows and data rows.

C:\OpenCobolIDE\pyqode-console.EXE

TABLE ITEMS MANAGEMENT - File: GC76F001.DAT

Items of table.....: 003 > USER DATA

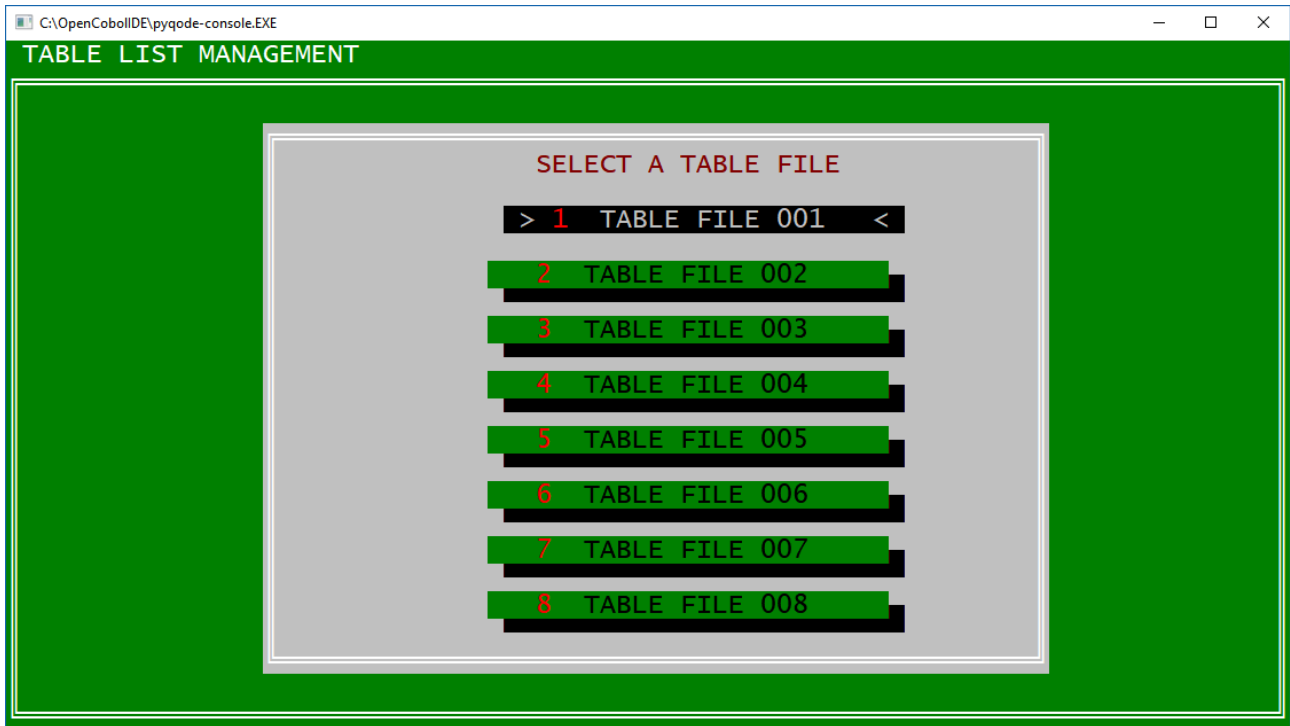
REC	1...	10...	20...	30...	40...	50...	60...	70...
001	CODE	NAME		eMAIL		PHONE		
002								
003	GC0103410	BULLET_JOHNNY		jbullet@alphabet.com		+0012305643		
004	GC0200012	ANDERSON_EMILY		eanderson@alphabet.com		+0010012101		
005								
006								
007								
008								
009								
010								
011								
012								
013								
014								
015								
016								
017								
018								
019								
020								

REC 1...+...10...+...20...+...30...+...40...+...50...+...60...+...70...+.

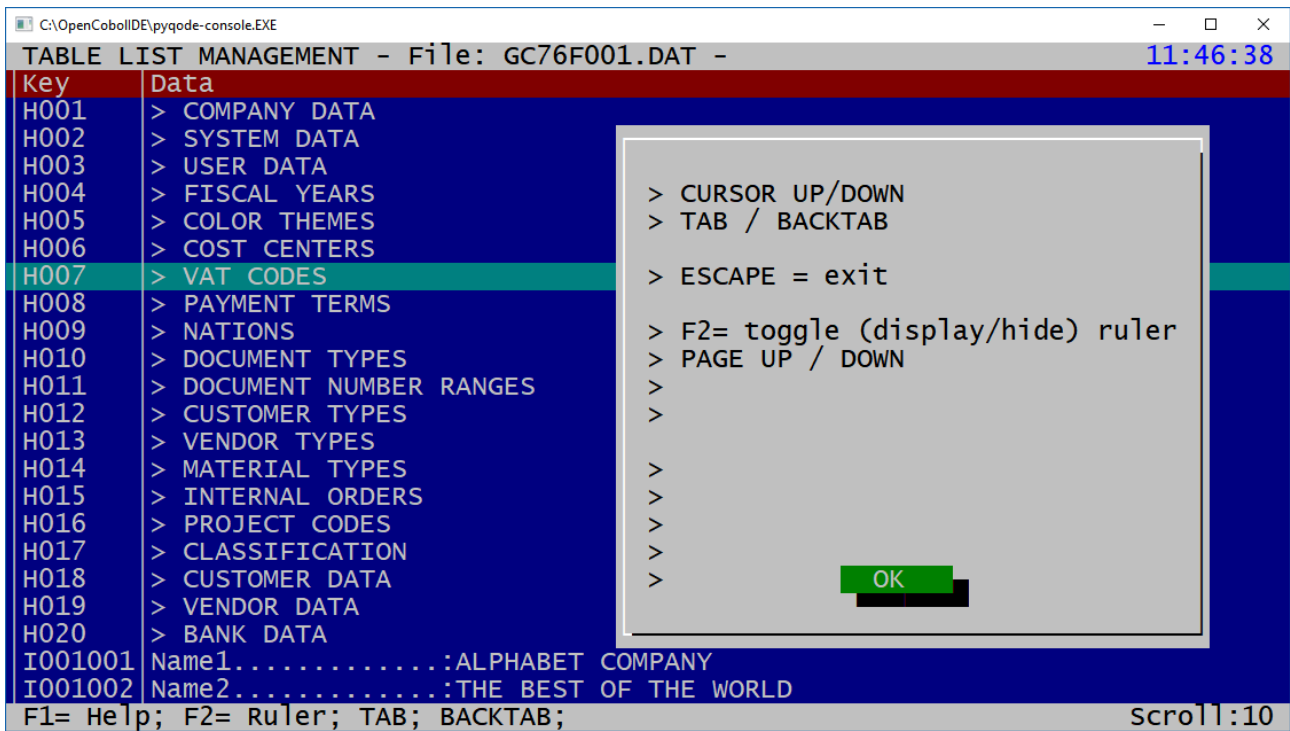
F1=Help F2/F3=chgFore/BackCol PgUp/Dn=Prev/NextPg F7=DelPg Enter=UpdPg ESC=Exit

TABLE LIST MANAGEMENT

Select a File.



System list File data. Headers file records (H) and Items file records (I) .





C:\OpenCobolIDE\pyqode-console.EXE				
TABLE LIST MANAGEMENT - File: GC76F001.DAT -				11:47:05
Key	Data			
I002059				
I002060				
I003001	CODE	NAME	eMAIL	PHONE
I003002	-----	-----	-----	-----
I003003	GC0103410	BULLET JOHNNY	jbullet@alphabet.com	+001230
I003004	GC0200012	ANDERSON EMILY	eanderson@alphabet.com	+001001
I003005				
I003006				
I003007				
I003008				
I003009				
I003010				
I003011				
I003012				
I003013				
I003014				
I003015				
I003016				
I003017				
I003018				
I003019				
I003020				
F1= Help; F2= Ruler; TAB; BACKTAB;				Scroll:10