

The *TAGIN* program allows the user to design customized forms for data-entry. The resulting form can be "played" using the *TGIPLAY* program by another person who need not be trained on the complete **TECHBASE** system.

Several new features have been added to these programs including: multiple data-entry forms, multiple record entry, the ability to add data to several tables in a single pass and the use of the <F#> (function) keys in *TGIPLAY*.

In this example two separate forms have been created: 9411\_1.tgi containing location and general information, and 9411\_2.tgi for assay information. The database is nov94. The subsidiary data-entry forms, in this case the 9411\_2.tgi, are attached to the main form with the LINK command. This line of text is added to the file 9411\_1.tgi with a text editor after all the forms have been created. As many forms as necessary can be nested together to accommodate the data-entry.

**9411\_1.tg**

```
DATABASE OPEN NAME=nov94 <CR>
EXIT

FORM TOP=1 LEFT=1 WIDTH=80 HEIGHT=24
HELPPFILE=tag ENTRY=tag_hlp
\fbLINK=9411_2.tgi\fp

TITLE LIN=1 COL=2 TEXT="Number:" ATTR=0
TITLE LIN=1 COL=27 TEXT="Sample Data-Entry Form" ATTR=0
TITLE LIN=2 COL=2 TEXT="Location Information" ATTR=3
TITLE LIN=2 COL=27 TEXT="General Information" ATTR=3
TITLE LIN=3 COL=2 TEXT="Area:" ATTR=0
TITLE LIN=4 COL=2 TEXT="Easting:" ATTR=0
TITLE LIN=5 COL=2 TEXT="Northing:" ATTR=0
TITLE LIN=6 COL=2 TEXT="Elevation:" ATTR=0
TITLE LIN=3 COL=27 TEXT="Start Date:" ATTR=0
TITLE LIN=4 COL=27 TEXT="End Date:" ATTR=0
TITLE LIN=5 COL=27 TEXT="Logged by:" ATTR=0
TITLE LIN=6 COL=27 TEXT="Contractor:" ATTR=0
FIELD=number LIN=1 COL=10 LEN=6 ATTR=6 ACT=7 REQ=YES
FIELD=area LIN=3 COL=13 LEN=10 ATTR=6 ACT=7 REQ=YES
FIELD=Easting LIN=4 COL=13 LEN=8 ATTR=6 ACT=7 REQ=YES
FIELD=Northing LIN=5 COL=13 LEN=8 ATTR=6 ACT=7 REQ=YES
FIELD=Elevation LIN=6 COL=13 LEN=7 ATTR=6 ACT=7 REQ=YES
FIELD=Start_date LIN=3 COL=40 LEN=10 ATTR=6 ACT=7 REQ=YES
FIELD=End_date LIN=4 COL=40 LEN=10 ATTR=6 ACT=7 REQ=YES CARRY=Start_date
FIELD=Logged_by LIN=5 COL=40 LEN=15 ATTR=6 ACT=7 REQ=YES CARRY=Logged_by
FIELD=Contractor LIN=6 COL=40 LEN=15 ATTR=6 ACT=7 REQ=YE CARRY=Cotractor
TITLE LIN=23 COL=1 TEXT="<F1> Help" ATTR=0
TITLE LIN=23 COL=35 TEXT="<F6> to enter sub-menu" ATTR=0
TITLE LIN=24 COL=1 TEXT="<F8> when finished entering a record" ATTR=0
TITLE LIN=24 COL=35 TEXT="<^X> to erase a current record" ATTR=0
END
```

**9411\_2.tgii**

```
DATABASE OPEN NAME=nov94 <CR>EXIT
EXIT

FORM TOP=7 LEFT=1 WIDTH=80 HEIGHT=24
HELPPFILE=tag.hlp ENTRY=tag
NUMBER=13 COLOFFSET=0 ROWOFFSET=1

TITLE LIN=1 COL=23 TEXT="Assay Information" ATTR=3
TITLE LIN=2 COL=1 TEXT="Number:" ATTR=0
TITLE LIN=2 COL=14 TEXT="From:" ATTR=0
TITLE LIN=2 COL=24 TEXT="To:" ATTR=0
TITLE LIN=2 COL=33 TEXT="Value 1:" ATTR=0
TITLE LIN=2 COL=44 TEXT="Value 2:" ATTR=0
TITLE LIN=2 COL=55 TEXT="Value 3:" ATTR=0
FIELD=number LIN=3 COL=1 LEN=10 ATTR=6 ACT=7 REQ=YES CARRY=number
FIELD=from LIN=3 COL=14 LEN=6 ATTR=6 ACT=7 REQ=YES CARRY=to
FIELD=to LIN=3 COL=24 LEN=6 ATTR=6 ACT=7 REQ=YES INCR=10
FIELD=Value1 LIN=3 COL=33 LEN=6 ATTR=6 ACT=7 REQ=NO
FIELD=Value2 LIN=3 COL=44 LEN=7 ATTR=6 ACT=7 REQ=NO
FIELD=Value3 LIN=3 COL=55 LEN=7 ATTR=6 ACT=7 REQ=NO
TITLE LIN=23 COL=1 TEXT="<F1> Help" ATTR=0
TITLE LIN=23 COL=35 TEXT="<F6> to enter sub-menu" ATTR=0
TITLE LIN=24 COL=1 TEXT="<F8> when finished entering a record" ATTR=0
TITLE LIN=24 COL=35 TEXT="<^X> to erase a current record" ATTR=0
END
```

Note that the fields can be *incriminated* and/or *carried* to make data-entry relatively simple and provide data checks. In the *Parameters* menu of *TAGIN*, a designer specifies the number of lines to be displayed on the screen, in this case it has been set to 13. Also, the FORM TOP has been set to 7 lines down. This enables the header information to be retained on the upper portion of the screen while multiple records for the assays are added. More than thirteen records can be entered into the ASSAY information portion of the form, however, only 13 will be displayed at a time, the previous records will scroll off up the page.

