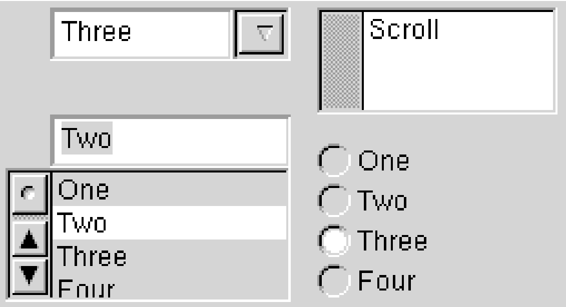
What's new for DataPhile 3.1

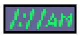
Thanks for helping us make this the best release of **DataPhile** yet. Following are lists of new features and bug fixes that you can expect to see in this release. As always, we welcome your comments and suggestions.

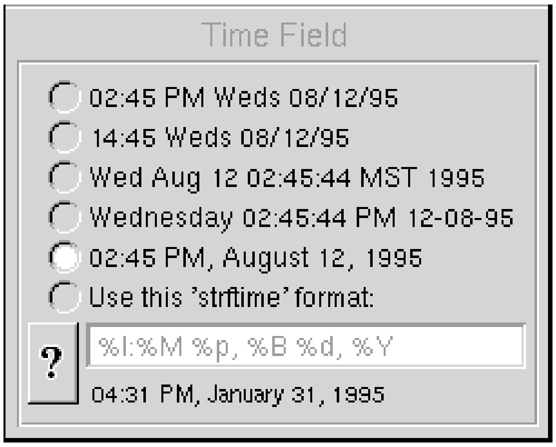
Features 3.x

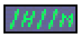
√ **Interoperates with CheckSum**: Included in this release is a new Template database, "CheckSummary". While in CheckSum, you can open an account, and select **Account->Export To DataPhile** to automatically use this new template.

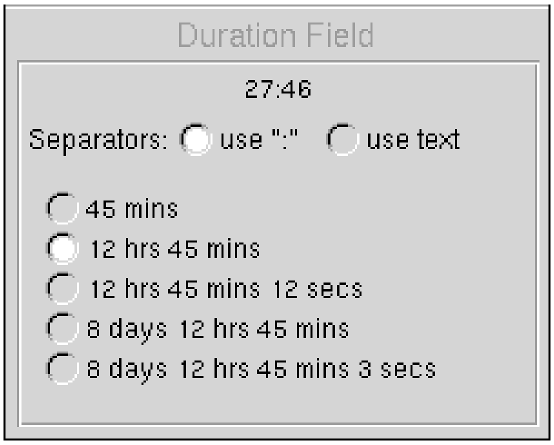
√ **Popup Lists and Radio Buttons**: Fields with lists attached (Define...->Options...->Use List) can now be represented as a field with a popup list next to it. Moreover, if the field's values are restricted to just items on the list (Define...-> Options...-> Edit Entry List...-> "Only allow items from list"), you can display the field as a radio button.



√ **Time Fields**: A special new field type, Time, allows you to mark exact minutes and seconds. Enter a SPACE into a time field to automatically enter the current time. Many display formats are available. 



√ **Duration Fields**: Another new field type, Duration, allows you to calculate exact minutes and seconds, for example: the difference between two Time fields to show how long you've been on the phone with a customer. 

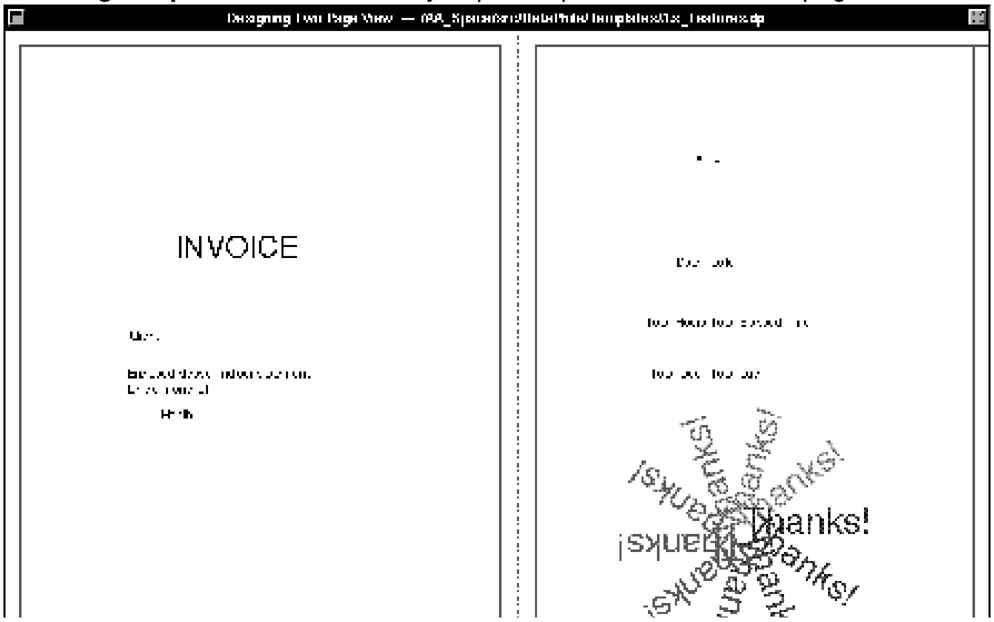


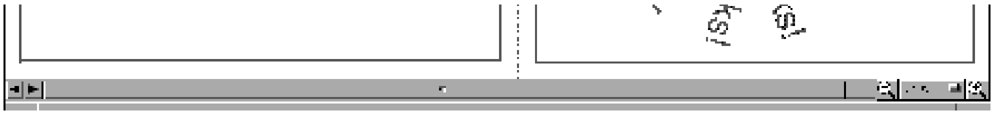
√ **URL Fields**: URL fields are designed to hold Universal Resource Locators for use with World Wide Web browsers. A typical URL might be: http://www.stone.com/stone/
These fields have a drag well which allows you to drag and drop URL's between Netsurfer, OmniWeb, eText, SpiderWoman and other WWW authoring and browsing applications. 

√ **Summary Fields**: Now you can get totals, averages, minimum, maximum and count of your data, right inside of DataPhile.

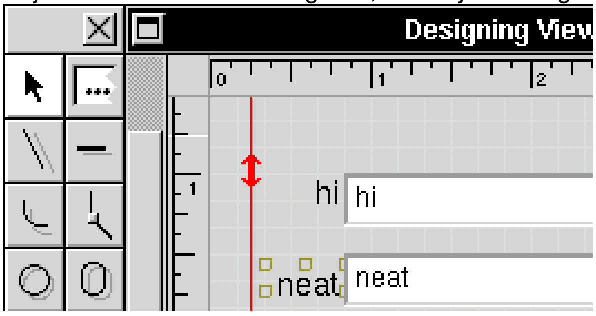
Function Name	*Operation on all records in view:*
Sum	Adds values of the chosen field
Average	Average of the values of the chosen field
Minimum	Value of record with smallest value
Maximum	Value of record with greatest value
Count	Number of records with non-empty values

√ **Two Page Reports**: You can exactly duplicate printed forms with 2-page views.





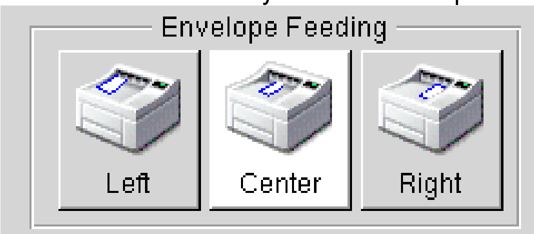
√ **Layout Guides for easy placement of objects**.
Now you can drag in guides from the rulers for easy alignment of objects. Guides create "Gravity" - when an object is moved across a guide, the object "clings" to the guide.



√ **Faster searches and indexes.**
You can now omit the progress monitor on searches and indexes to double the search speed. Although you get no feedback, the search is much faster. In Preferences->Access, select "Skip progress monitor on finds & index".

√ **Reorder Entry Lists.**
You can now reorder entry lists attached to fields. Run the Entry List panel via Define...->Options...->Edit Entry List. Holding down the **CONTROL** key allows you to move items in the list around in the matrix.

√ **Choose Envelope alignment for various printers.**
You can now set how you want envelopes to feed: aligned left, center or right.



√ **Emacs Key Bindings.**
Use familiar Emacs key bindings to navigate in text.

Control-**a**	**Go to beginning of line**
Control-**e**	**Go to end of line**
Control-**b**	**Go back a character**
Control-**f**	**Go forward a character**
Control-**d**	**Delete next character**
Control-**k**	**Clear to end of line**

Additionally, for scrollable text, you can:

Escape**-<**	**Go to beginning of text**
Escape**->**	**Go to end of text**
Control-**p**	**Move directly up a line**

Control-**n** **Move directly down a line**

√ **Sequence Number Function.**
Ever want to "auto-number" records according to their position in a given sort and find? Now you can!

√ **Search on non-alphanumeric characters**
This version of DataPhile allows you to search on punctuation as well as alphanumeric characters. This allows you to find "+" and "_" etc.

√ **Grids in Design Mode now a user preference**
Some users complained that the grid 'got in the way' in Design mode - of course, you can always shut it off, but now, there's a default in Preferences->Design "Show and enable grid". Click it off to not have the grid come up automatically.

√ **MOVE FAST through records**
If you hold down the Alternate key while clicking on the Previous arrow or Next arrow, you'll move backward or forward 10 records at a time. If you hold down the Shift AND the Alternate key, you'll move by 100 records each click!

√ **Printing of header on first page only**
A new preference, Preferences->Printing, "Print Header on first page only", allows you to specify if you want headers printed on the first page only (as opposed to each page of the report). Similarly, "Print Footer on last page only", allows you to have the footer print out on only the last page of the report.
This makes a lot of sense in conjunction with the Summary fields, which you might place into the Footer, and only print on the last page.

√ **Allow user to set alternate email of suggestions/bugs:**
In a terminal window, type:

```
dwrite DataPhile SupportEmail <address>
```

where <address> is where you want the email sent; which is by default *bugs@stone.com.*

√ **Allow user to set alternate Mail application:**
In a terminal window, type:

```
dwrite GLOBAL Mailer <MAIL_APPLICATION>
```

where <MAIL_APPLICATION> is your Mail application; by default, this is Mail.app. When you send your suggestions and bug reports, they will be sent using this Mail application.

Fixes 3.1

√ URL Fields have more power: you can edit the descriptive titles by hand.

√ File fields displayed in a report view now correctly update the title of each button displayed.

√ Display of Summary fields in open views is now synchronized correctly.

√ URL's can be deleted by deleting text .

√ Export/Import of Databases with Summary Fields was non-symmetrical - now it works fine.

√ Divide by 0 causes "+infinity" to show as opposed to 0.

√ Limitation of number fields in Define panel fixed (500 fields or more caused display problems and lock up).

√ If a file is inaccessable, you are told this explicitly.

√ Other low level data integrity fixes.

Fixes 3.0

√ Databases no longer grow to huge sizes after re-indexing. As a bonus, indexing has been optimized and is much faster.

√ Databases no longer incorrectly "indexes" upon opening.

√ If you had a TIFF in a report view's header, it would be rotated while printing. This is fixed.

√ Command H didn't bring you to your home directory in OpenPanel and SavePanel because of menu item **Database -> Miniaturize**. Therefore, the fix was to remove the command key equivalent: "H" from **Database -> Miniaturize**. If this behavior is not desired, you can set the equivalent for "Miniaturize" in Preferences.app's Menu section.

√ If you run as root, you no longer get panel which said:
'Cannot create //Library/Stone check permissions'

√ If you delete a field or group, and chose Undo Delete, it no longer causes DataPhile to autoquit.

√ Date Marker now appears in the correct place.

√ In the Label's Background Graphic window, when you edited a Text graphic, it would "clip" the bottom portion of the graphic while editing.

√ When you stretch the splitview in a view browser, the cells resize correctly.

√ When you set a textfields' color, the gray is correctly set on a color machine; as well as vice-versa. This results in colored textfields being printed correctly. NEXTSTEP requires that you always select a color printer in the Print panel to get the correct printed color output; if a black and white printer is selected, text will be output in gray scales instead of color.