
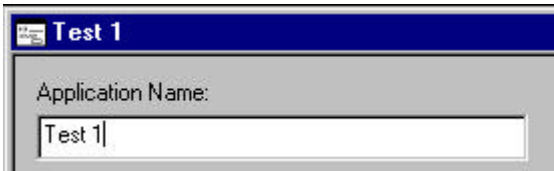


# Palm Factory Cheat Sheet – Alpha Six

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## How to Create a New Application


1. Create a new application by either starting Palm Factory or select .
2. Title the application (Maximum 32 characters) in the Application Properties window.




3. Assign it a 4-character owner ID. It is case sensitive and should be unique. If you plan to widely distribute the application, you must register at <http://palm.com>. Otherwise, choose a random 4-character string.




## How to Create a Form

1. Select .
2. Rename the form in the Application Properties window. (Double Click to rename.)


## How to Make a Form a Database Form

1. Select  (form properties panel)
2. Check Primary Database form.
3. Check Use Defaults. This automatically fills out Database name, Type and Creator. (To see what it filled out, uncheck the box.)
4. Check Main Form.

## How to Create a Text Label


1. Select  and place the field on the form.
2. Double-click to bring up the field editor. Change the field text to what you want your label to be. (See **Adding a Picture to a Form** for multiple lines of text.)

## How to Create a Field

1. Select  and place the field on the form.
2. Double-click to bring up the field editor. Give the field a unique id.

**Note:** Only text and date field types work in Alpha Six.


## How to Create a Button

1. Select  and place the field on the form.
2. Edit the button text to reflect the intended use. (e.g. Add, New or \* for a button that will add a new record)
3. Select the appropriate button action.


**Note:** Clear All Fields is not functional in Alpha Six.

**Note:** You can make an icon by omitting the button text and replacing it with a picture. (See **Adding a Picture to a Form**.)


## How to Create a Radio Button Set

1. Select  and place the element on the form.
2. Double-click the element to bring up the Edit Control Properties window.
3. Fill out the field Id with a unique 4-character identifier
4. Fill out the field text as desired
5. Create additional radio buttons with the same field id to make them part of the same set.


## How to Create a Checkbox

1. Select  and place the element on the form.
2. Double-click the element to bring up the Edit Control Properties window.
3. Fill out the field Id with a unique 4-character identifier
4. Fill out the field text



## How to Create a Popup List

1. Select  and place the element on the form
2. Double-click the element to bring up Popup-List Properties window.
3. Fill out the field Id with a unique 4-character identifier.
4. Select either the Static Text List or the database option.
5. If you selected the Static Text List option, use the field just above the ADD button and the ADD button to add new item in the popup menu. The delete key will delete an item from the popup menu.
6. If you selected the Database Link option, you must fill out the Type, Creator and Field Id fields. Type is usually DATA, Creator is usually the id of the database you are in and Field Id is the field you want for the popup menu text.

## How to Create a Table

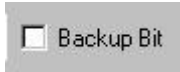
1. Select  and place the element on the form.
2. Enlarge the table to fill most of the screen.
3. Double-click to edit the form's properties.
4. Give the table a unique 4-character id.
5. The source database is DATA.
6. The creator ID is the name of the database that the data is coming from. (Usually, the name of the current database.)
7. Add the field ids of each of the columns you want in the table. Change the field widths to numbers appropriate for the field.
8. Choose a form from the Edit with form list

## How to Generate an Application

1. Save the application.
2. Select  
3. Double-click on the application icon to set it up to load at the next hot sync.

## Backing Up the Database

Choose to check the backup bit if you like. The Backup Bit forces the Palm Pilot to backup the database on every hotsync. It will take longer to backup, but the data will be backed up.



## Editing the Application's Icon

Select the Edit button. The right mouse button draws in black, the left draws in white.



Changes pixels one at a time. Drag to create lines and curves.

Select the upper-left corner and drag to create a filled rectangle.

The circle Creates a filled circle

The line Creates a line

The centered-rectangle Creates a filled rectangle starting from the center point

## Adding a Picture to a Form

1. Create a picture in your favorite graphics program (e.g. Windows Paintbrush). Create it in black and white.
2. Cut it in the graphics program.
3. Paste it in the form.

Use pictures for

- Nice graphic touches
- Easy user interface (See tabs example.)
- Fancy buttons in place of text
- Multiple lines of text (like for an ABOUT or Help Screen.

## Exercise 1: Simple Database

1. Create a new application. (See **How to Create a New Application.**)
2. Create a form. (See **How to Create a Form.**)
3. Make the form a database form. (See **How to Make a Form a Database Form.**)
4. Add a field. (See **How To Create a Field**)
5. Add a button. (See **How to Create a Button.**)  
Make the button an Add Record button by editing the button text to say Add and changing the button action to Create New Button.
6. Add a Delete Record button.
7. Add a Next Record Button.
8. Add a Previous Record Button.
9. Generate the Application. (See **How to Generate an Application.**)
10. Test the application.

## Exercise 2: Enhancing the Database

1. Open your application. (from exercise 1, double-click on the .pfa icon.)
2. Label your field with a Text Label. (See **How to Create a Text Label.**)
3. Add more fields and more labels.
4. Add first and last record buttons.
5. Generate the Application. (See **How to Generate an Application.**)
6. Test the application.

## Exercise 3: Making a Summary Screen

1. Open your application (from Exercise 2, double-click on the .pfa icon.)
2. Create a new form (See **How to Create a New Form.**)
3. Create a table in the form that uses some of the fields from your other form. Under the Edit with Form pull-down, chose to Edit with your other form. (See **How to Create a Table** for details.)
4. Create a new button on your other form. Edit the button text appropriately, then change the button action to Go to form and choose the new summary form.
5. Generate the Application. (See **How to Generate an Application.**)
6. Test the application.

## Exercise 4: Creating a popup with a database

1. Create a simple database similar to the one in exercise1.
2. Add a new popup menu to your first simple database that is pointing to the field you created in your second database.
3. Generate the Application. (See **How to Generate an Application.**)
4. Test the application.

## Exercise 5: Creating a popup using another database

1. Create a new application.
2. Create a simple database.
3. Add a popup to your original database that accesses the new database

## Exercise 6: Creating a table accessing another database.

1. Create a new application.
2. Create a database.
3. Add a table to your original database that accesses the new database.

## Exercise 7: Creating a Filter for a table

1. Create an new form

## Exercise 8: Final touches

1. Add appropriate pictures to your forms
2. Change the default Icon for each of your applications.
3. Change the backup bit for your applications.