

Off-Line Documentation template:          Implement a Simple application

### **1) Operational Goals**

Use DinkClass to implement a simple application.

### **2) Fundamental, "key", or cornerstone architectural requirements (POSTMORTEM)**

- Define application signature, file type and clip type
- Define the applications REQUIRED apple event handlers
- Define the read data method in Document to read data into an application specific data structure.
- Define the write data method to write that data back to the disk.
- Define your application's menus and provide the menu handlers for them
- Define the application specific event handler method overrides.
- Defing what scrolling means to your application.

### **3) Model of the implementation fulfilling these key requirements (POSTMORTEM)**

Not much to model here, just do it.

- 1) Typically the core apple event handlers are defined in the same file as your applications main function.
- 2) Your main function is responsible for initializing the required global/static members.
- 3) Your application will also have sub-classes of DApplication, DDocument and DScrollWindow (or DWindow if you don't want scroll bars)
- 4) Placement of the required overridden methods are typically clear (just follow your nose, it always knows)

### **4) Impact/scope of the implementation on the existing body of code (POSTMORTEM)**

The implementation of these features typically occur in

- 1) Your main function
- 2) Your subclass of DDocument( for the I/O methods)
- 3) your subclass of DApplication ( to instanceate your DDocument subclass in MakeDoc method)
- 4) Your subclass of DWindow to display data and deal with your document subclass.
- 5) Application specific scroll is implemented using the data in the new DDocument subclass and the overriding of FocusOnContent, ScrollContents, and SynchScrolBars.

### **5) Coding notes (gotchas, warnings, process thoughts, items to revisited later...)**

### **6) Testing notes( bug types, what made a bug hard to fix, what could have been done to catch it sooner....)**

### **7) Process notes ( what process did you follow, could it be improved)**