

Off-Line Documentation template:       TextEdit application

### **1) Operational Goals**

Use DinkClass to implement a simple text edit application, which supports cut pasting saving and reading.

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

- Need to use the TextEdit manager
- Need to keep a TEHandle for each document
- Need to be able to read data from disk into this handle
- Need to be able to write data from this handle to disk
- Need to cut/past
- Need to be able to scroll text
- Need to conform to UI-guidelines on text edit applications.

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

- Follow the Application implementation doc and do the easy things first (modifying the main() ...)
- decide where the TEHandle will go
- implement the required apple event handlers to open and initialize a text based document.
- Modify the scrolling model to work with TEScroll (that's a tool box function)
- Override the past/copy to work with the text edit copy and paste functions.
- implement the I/O

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

- The scope is limited to the application, window, and document subclasses.

### **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....)**

- Had a tricky cut/paste bug caused by an immature clipboard model (its fixed now, see Clip docs)

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