

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)