

- Content Concentrator details
 - Motivation
 - Message Concentration - It's vastly inefficient to waste users' time wading through junk, be they boring headers, excessive quotes, silly signatures, whatever. It forces you to scroll around the message looking for original content, and impedes communication
 - Thread Concentration - Many threads could be conveniently read in a single scrolling area, if extra headers and repetitive quoting were removed.
 - Message Concentration
 - Basic strategy
 - Allow users to control the level of detail they see in various contexts.
 - Provide settable defaults for preview/open message
 - Provide control at message level for amount of detail
 - Building blocks
 - Things we might choose to hide
 - Headers
 - Boring Headers- headers that are known to contain no useful info
 - Vital Headers- headers that contain vital info, like From:
 - Other Headers- headers neither boring nor vital.
 - Message Constructs
 - Original Stuff
 - Original Text - non-quoted, non-forwarded, non-signature, non-stationery--ie, the stuff the user actually put in the message.
 - Original Images - same as original text, but images
 - Non-Original Text/Images
 - Quoted Text/Images
 - Small Quoted Blocks - quoted blocks of only "a few" lines
 - Large Quoted Blocks - quoted blocks of more than "a few" lines
 - Forwarded Text/Images - text included in the message as a forward
 - It may be difficult to determine forwarded text, but clues in the subject line (FWD) or the message body (--- begin forwarded text) may allow us to do it
 - Signature Text/Images - text from a "signature" file
 - Again, there is an identification problem. The "-- " thing may help, or we might have to get heuristic
 - Stationery Text/Images - Cutesy backgrounds, boilerplate, etc
 - Trailing Non-Original Text/Images
 - Any of the above, occurring consecutively at the end of the message
 - Raw Message Data - Uninterpreted enriched, html, flowed, etc.
 - Contexts we might hide them in
 - Preview Pane
 - Message Window
 - Responses
 - Here we wouldn't just hide the stuff, but actually not include it
 - Clip to Phone
 - Profiles
 - A "profile" that would determine which items would be visible when using the profile.

- A profile would consist of a list of items drawn from the “Message Constructs” list above. Items appearing in the profile would be hidden.
- Eudora currently has profiles roughly so:
 - Windows Preview
 - Boring Headers, Other Headers, Raw Data
 - Mac Preview
 - Boring headers [, Trailing Non-Original Text/Images], Raw Data
 - BLAH BLAH BLAH Off
 - Boring Headers, Raw Data
 - BLAH BLAH BLAH On, Windows
 - Raw Data
 - BLAH BLAH BLAH On, Mac
 - (Nothing hidden)
 - View Source, Windows
 - (Nothing hidden)
- Suggested Profiles
 - Phone - Everything but Original Text or Forwarded Text
 - Very Terse - Boring Headers, Other Headers, Non-Original Text, Raw Message Data
 - Terse - Boring Headers, Other Headers, Trailing Quoted Text/Images, Large Quoted Blocks, Signature Text/Images, Stationery Text/Images, Raw Message Data
 - Normal - Boring Headers, Raw Message Data, Trailing Quoted Text/Images, Raw Message Data
 - Verbose - Boring Headers, Raw Message Data
 - Very Verbose - Raw Message Data
 - View Source - (Nothing hidden)
- Custom Profiles
 - We might allow experts to customize profiles, but this would not be something we would expect most users to do
- Default Profiles
 - Each context would have a default profile associated with it. We would allow users to choose these:
 - Preview - Terse
 - Message - Verbose
 - Response - Normal
 - Clip to Phone - Minimal
- Changing Profiles
 - We would change the BLAH BLAH BLAH button into a popup that would allow the profile to be changed on the fly. This would redisplay the message with the new profile.
- Direct manipulation
 - All contiguous hidden sections in the message body would have their first line displayed along with a disclosure triangle and an ellipsis. This would allow the user to open them individually if he wished
 - I would suggest no interface to selectively hide selections that the profile has as visible; this would have to be done by changing the profile
- Thread Concentration

- Selected messages all would be opened or previewed at once
- Might need limits
 - # of messages
 - Aggregate size of messages
 - Same-subject limitation?
- Might want to arrange by In-Reply-To
- Automatic selection
 - When first message of thread selected (preview)
 - When first message of thread opened (message)
 - Need control to override?
 - Need control to go back to single view?
- Extra concentration
 - Redundant headers (eg, subject) shd be removed
 - Graphic divider between messages would be worthwhile