

Error Handling Design

Most of the error handling for Steganography is accomplished through enabling and disabling buttons/menu items.

- 1) Loading:
 - a. Loading the cover image is always enabled.
 - b. Loading the secret image is only enabled when the cover image is present.
 - c. Loading the composite image is always enabled.
 - d. Loading text is always enabled.
- 2) Saving:
 - a. Saving the cover image is only enabled when an image is present.
 - b. Saving the secret image is only enabled when the secret image is present.
 - c. Saving the composite image is only enabled when the composite image is present.
 - d. Saving the text is only enabled when text is present in the text area.
- 3) Clearing:
 - a. Clearing the cover image is only enabled when an image is present.
 - b. Clearing the secret image is only enabled when the secret image is present.
 - c. Clearing the composite image is only enabled when the composite image is present.
 - d. The "Clear All" menu item is always present and clears the whole screen.
- 4) Text to Image:
 - a. Text must be entered in the text area.
 - b. Cover image must be present.
- 5) Image to Text:
 - a. Secret image must be present.
- 6) Encoding:
 - a. Cover image must be present.
 - b. Secret image must be present.
- 7) Decoding:
 - a. Composite image must be present.