Customizing nsxiv

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Any feedback or questions, contact me at name@mail.com

1 Getting the Custom Configuration

To obtain the custom configuration for `nsxiv`, follow these steps:

- Clone the Git repository and compile nsxiv.

- Copy the configuration files (`image-info`, `key-handler`, `thumb-info`, `win-title`) to the `.config/nsxiv/exec` directory in your home folder.

- see *Notes* for `key-handler`

2 Configuration Files

You can customize `nsxiv` using the following configuration files located in `.config/nsxiv/exec`:

- `image-info`: Displays image details in the status bar.

- `key-handler`: Defines custom keybindings.

- `thumb-info`: Provides custom information in thumbnail mode.

- `win-title`: Customizes the window title based on the mode (image or thumbnail).

3 Dependencies and Custom Keybindings in `key-handler`

Make sure you have the following dependencies installed:

- `dmenu`: A dynamic menu for efficient interaction.

- `xclip`: A tool to manage clipboard contents.

- `herbe`: A notification daemon for messages.

In the `key-handler` file, I've added the following custom keybindings to stream-line image management:

- `Delete Image (Ctrl+x d)`: Removes selected images, confirming via `dmenu` with a `herbe` notification.

- `Copy Image Path (Ctrl+x p)`: Copies the path of the selected image to the clipboard.

- `Copy Image (Ctrl+x c)`: Copies the selected image as PNG to the clipboard.

- `Move or Copy Images (Ctrl+x m)`: Moves or copies selected images to a chosen directory via `dmenu`.

- `Image Info (Ctrl+x i)`: Displays detailed image information (filename, size, dimensions, format).

- `Rename Image (Ctrl+x r)`: Renames the selected image via `dmenu` input.

- `Open Image Directory with nsxiv (Ctrl+x l)`: Prompts a list of image directories via `dmenu`, allowing you to select a directory. Once a directory is selected, the keybinding opens that directory using the `nsxiv` image viewer. This is useful for quickly browsing the contents of image directories without needing to navigate through the file explorer.

Notes

- *Note 1*: For the "Move Image" action to work, you must edit the `key-handler` file and specify your frequently used directories in the `destination_dirs` array.

- *Note 2*: For the "Open Image Directory with nsxiv", specify the directory where your images are located in the `imagedir` variable.

4 Custom Window Title in `win-title`

In the `win-title` file, I've modified the window title to provide context based on the mode (image or thumbnail):

- `Image Mode`: Reflects the filename, image dimensions (width x height), zoom level, and current frame (if applicable).

- `Thumbnail Mode`: Displays the filename and the current thumbnail item number out of the total items.

5 Image Details in `image-info` and `thumb-info`

The `image-info` and `thumb-info` files provide additional information:

- `File Size`: Human-readable size of the image file.

- `Geometry`: Image dimensions (width x height).

- `Resolution`: Image resolution (dots per inch).

- **Format**: Image file format (e.g., JPEG, PNG).

- **File Name**: Name of the loaded image file.

In the `thumb-info` file, the image file name is extracted using the `basename` command.

6 config.h and Patches

In the `config.h` file, I have made the following adjustments:

- adjusted to a darker color scheme for better image viewing.

- Resized the status bar for improved visibility.

Additionally, I added the **color-invert** patch:

- This patch enables color inversion using the `i` key.

- Useful for quick positive/negative image switching.