

# i3rice-croton

## Scrots

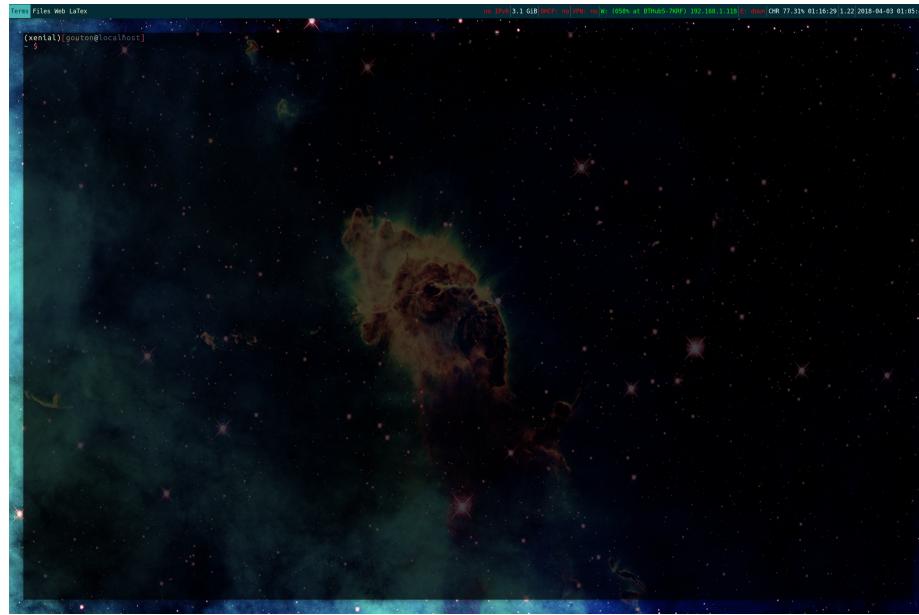


Figure 1:

## First

Install xenial in crouton using these instructions, but instead of installing regular i3, install i3-gaps using this guy's instructions.

## Second

Install the following apps...

```
sudo apt-get install git wget rxvt-unicode ranger lxappearance arandr rofi scrot  
... and finally ...  
sudo apt-get install texlive-full
```

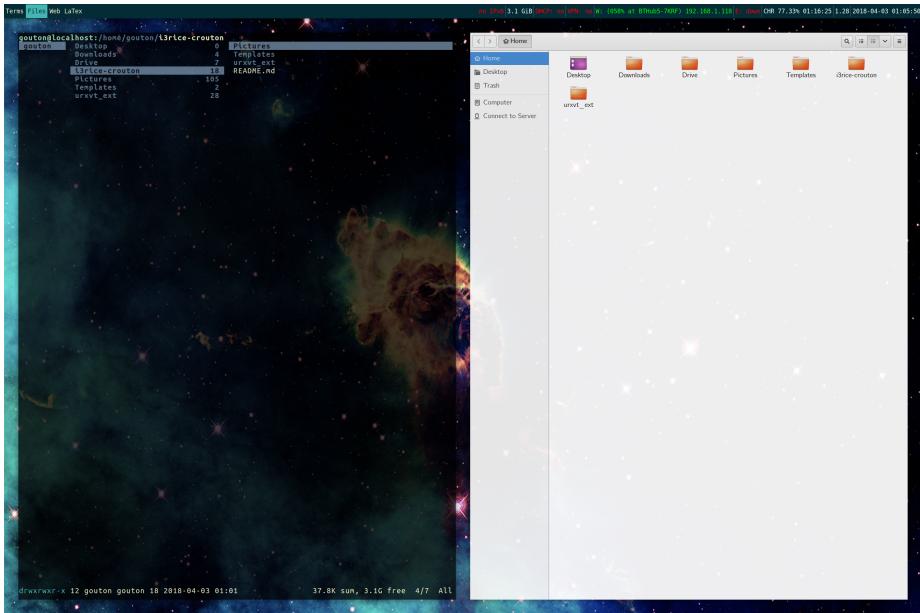


Figure 2:

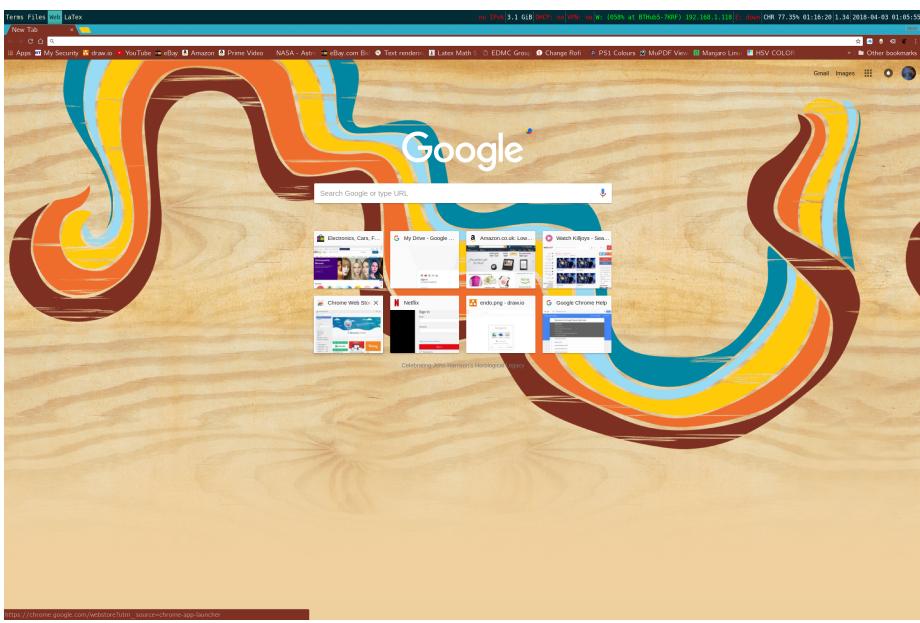
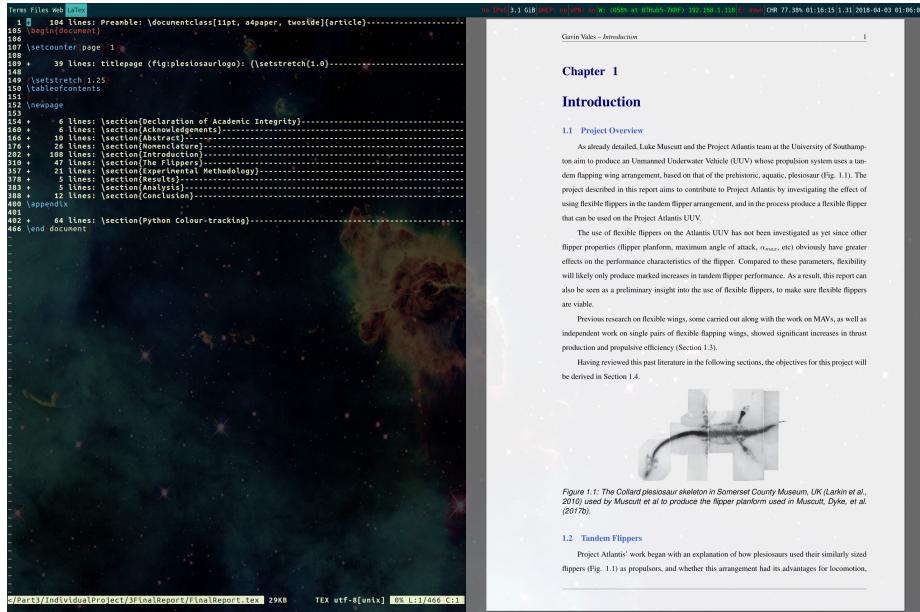


Figure 3:



The screenshot shows a LaTeX editor window with the following details:

- File:** FinalReport.tex
- Editor:** TeXShop (version 3.1.6)
- Code Preview:** Shows the LaTeX code for the document, including sections like Preamble, Document Class, and various sections (Acknowledgements, Introduction, etc.).
- Logo Watermark:** A watermark of a plesiosaur skeleton is visible in the background of the code preview area.
- Output View:** Shows the generated PDF document titled "Garin Yates - Introduction".
- Page Content:**
  - Chapter 1:** Introduction
  - Section 1.1:** Project Overview
    - Text: "As already detailed, Luke Muscatt and the Project Atlantis team at the University of Southampton aim to produce an Unmanned Underwater Vehicle (UUV) whose propulsion system uses a tandem flapping wing arrangement, based on that of the prehistoric, aquatic, plesiosaur (Fig. 1.1). The project described in this report aims to contribute to Project Atlantis by investigating the effect of using flexible flippers in the tandem flipper arrangement, and in the process produce a flexible flipper that can be used on the Project Atlantis UUV."
    - Text: "The use of flexible flippers on the Atlantis UUV has not been investigated as yet since flipper properties (flipper platform, maximum angle of attack,  $c_{max}$ , etc) obviously have greater effects on the performance characteristics of the flipper. Compared to these parameters, flexibility will likely only produce modest increases in tandem flipper performance. As a result, this report can also be seen as a preliminary insight into the use of flexible flippers, to make sure flexible flippers are viable."
    - Text: "Previous research on flexible wings, some carried out along with the work on MAVs, as well as independent work on single pairs of flexible flapping wings, showed significant increases in thrust production and propulsive efficiency (Section 1.3)."
    - Text: "Having reviewed this past literature in the following sections, the objectives for this project will be derived in Section 1.4."
  - Figure 1.1:** A photograph of a plesiosaur skeleton in a museum setting.
  - Section 1.2:** Tandem Flippers
    - Text: "Project Atlantis' work began with an explanation of how plesiosaurs used their similarly sized flippers (Fig. 1.1) as propellers, and whether this arrangement had its advantages for locomotion."
- Bottom Status Bar:** Shows the file path "/Part3/IndividualProject/3FinalReport/FinalReport.tex", the file size "29Kb", the encoding "TEX utf-8[unix]", and the line count "1517/466 C/C".

Figure 4:

## Third

Install `grive2` using vitalif's repo and make the necessary backup folder.

## Fourth

Download and copy and paste the necessary configs/folders from this repo!