EXOTIC Installation Instructions for Mac Users

I. Download DS9 (Astronomical Image Viewing Software)

- Follow the link: https://sites.google.com/cfa.harvard.edu/saoimageds9?pli=1&authuser=1
- Download the version corresponding to the Mac operating system.
- Run the installer once downloaded.
- Follow the instructions in the installer to complete the installation.

Note: This software will be used to view the ".FITS" images you obtain during observations. For more information on DS9, check out the User Guide: http://ds9.si.edu/doc/user/index.html

II. Download the file 'exotic_installation_mac.sh' from GitHub:

- Follow this link: https://github.com/rzellem/EXOTIC
- Click on exotic_installation_mac.sh from the list of files.
- In the upper-right corner, of the document, click the download button.

III. Open the Terminal app

- Select Launch Pad on the Task Bar
- Double-click Terminal

Note: The Terminal app allows you to perform actions on your computer (run python programs, install applications, edit files, etc.) by typing in commands. If you are interested in learning more about the terminal and the different commands you can use, follow this link: https://www.macworld.com/article/2042378/master-the-command-line-navigating-files-and-folders.html

IV. Execute 3 commands in your Terminal's command line

- Type 'cd Downloads' – do not include the parentheses.
- Hit Enter.

  Note: cd stands for 'Change Directory'. In executing this command, you are navigating to your Downloads folder, just as you would by double-clicking on Downloads in File Explorer.

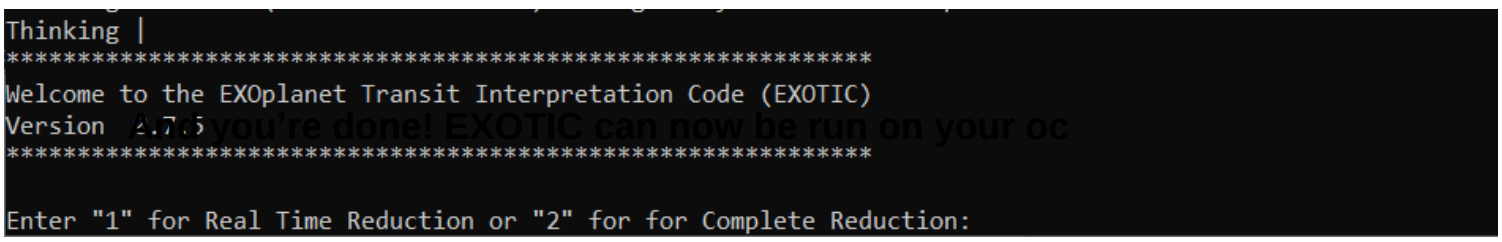
- Type 'chmod 755 exotic_installation_mac.sh' – do not include the parentheses.
- Hit Enter.

  Note: this command alters the file you downloaded 'exotic_installation_mac.sh' to be executable (i.e. you can now run it in your terminal).

- Type './exotic_installation_mac.sh'' – do not include the parentheses.
- Hit Enter.

Note: this command runs the file you downloaded, which is called a script. A script is simply a list of commands to be executed in the Terminal. This script will copy all of the files on GitHub (https://github.com/rzellem/EXOTIC) onto your computer, download Python3 (unless you already have it), and install all the necessary packages to run EXOTIC. Finally, the script will run EXOTIC to test that it is functional.

- You should see the introductory header to EXOTIC as pictured below, which tells you that it is all up and running!



<u>And that's it!</u> You've successfully installed EXOTIC and can now use it at any time to reduce the data from your amazing transit observations!

To learn how to run the code and how EXOTIC works, check our other guides on GitHub!

→ **https://github.com/rzellem/EXOTIC/tree/main/Documentation**

If you have any questions or comments, please feel free to reach out to us on Slack or email at exoplanetwatch@jpl.nasa.gov