

Nebula Net Interactive Feed

User Documentation

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1. Introduction

- Welcome to Nebula Net Interactive Feed (NNIF) User Document. This document serves as a comprehensive guide for users navigating the features and content available on our website dedicated to showcasing images captured by the James Webb Space Telescope.
- The James Webb Space Telescope, often referred to as JWST or Webb, is an ambitious project spearheaded by NASA, the European Space Agency (ESA), and the Canadian Space Agency (CSA). It represents the next generation of space observatories, poised to revolutionize our understanding of the universe with its advanced capabilities and cutting-edge technology.
- Within this document, you will find detailed information about the various sections of our website, designed to provide users with an immersive experience as they explore the wonders of space through captivating imagery captured by the James Webb Space Telescope.

2. Home

- This is the landing page you will see after searching in your web browser for (nebulanet.net).

2.1. Features:

2.1.1. Photo Carousel:

- The landing page features a stunning photo carousel showcasing the latest images captured by the James Webb Space Telescope. (Navigation Arrows step 1)

2.1.2. Page Navigation Header:

- All pages have this but it will be listed here. The user will click the yellow highlighted words in the image below to change pages. (the different headers listed in user guide)

3. Telescope

- Explore the intricacies of the James Webb Space Telescope with our 3D model. Get a closer look at the technology that enables us to capture breathtaking images from the depths of space.

3.1. Features:

3.1.1. Interactive 3D Model

- Dive into the details of the James Webb Space Telescope with our interactive 3D model. Zoom, rotate and explore to understand how this groundbreaking instrument works. (step 3)

4. Sources

- For those interested in learning more about the sources behind the James Webb Space Telescope images, we provide a curated list of references and resources.

4.1. Links to the Source Websites and Material

- Access links to scientific data and other materials used to inform the imagery displayed on this website.

5. About

- Learn about the James Webb Space Telescope project, its mission, and the team behind its success.

5.1. Features:

5.1.1. Project Overview:

- Discover the goals and objectives of the James Webb Space Telescope project, along with key milestones achieved.

6. User Guide:

6.1. Document Mege User Guide below:



STEP 1

Click on next to see the next photo in the archive

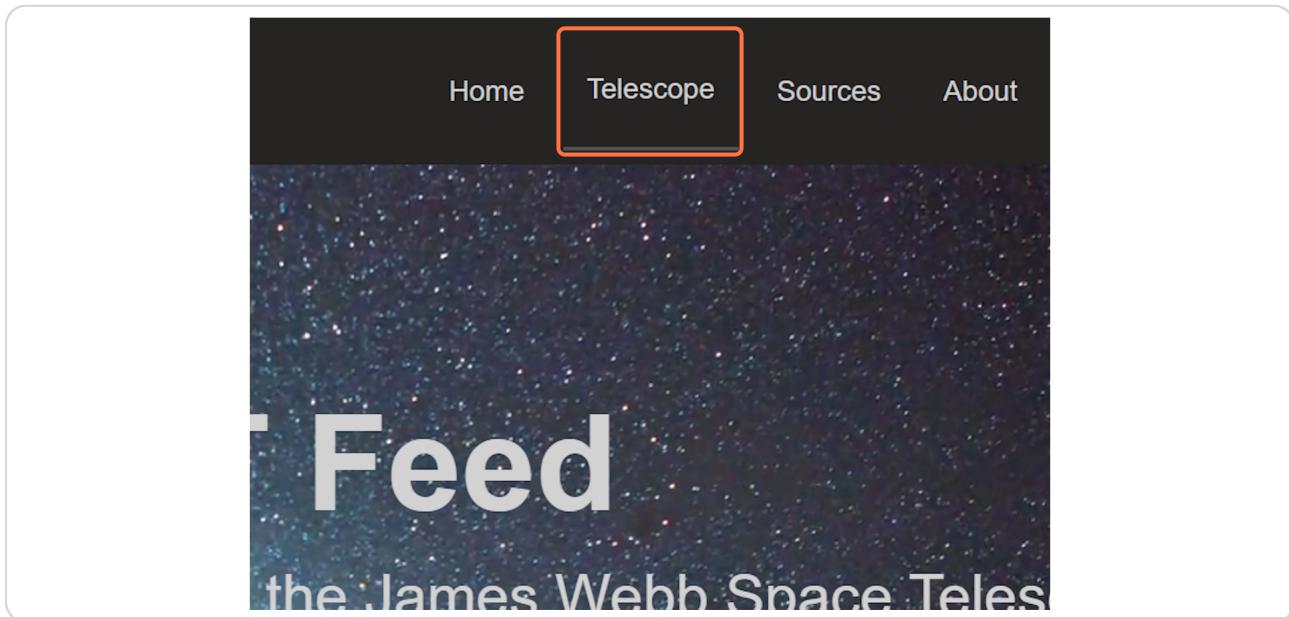
Arrows allow navigation through the released photos from the James Web Telescope



STEP 2

Click on Telescope

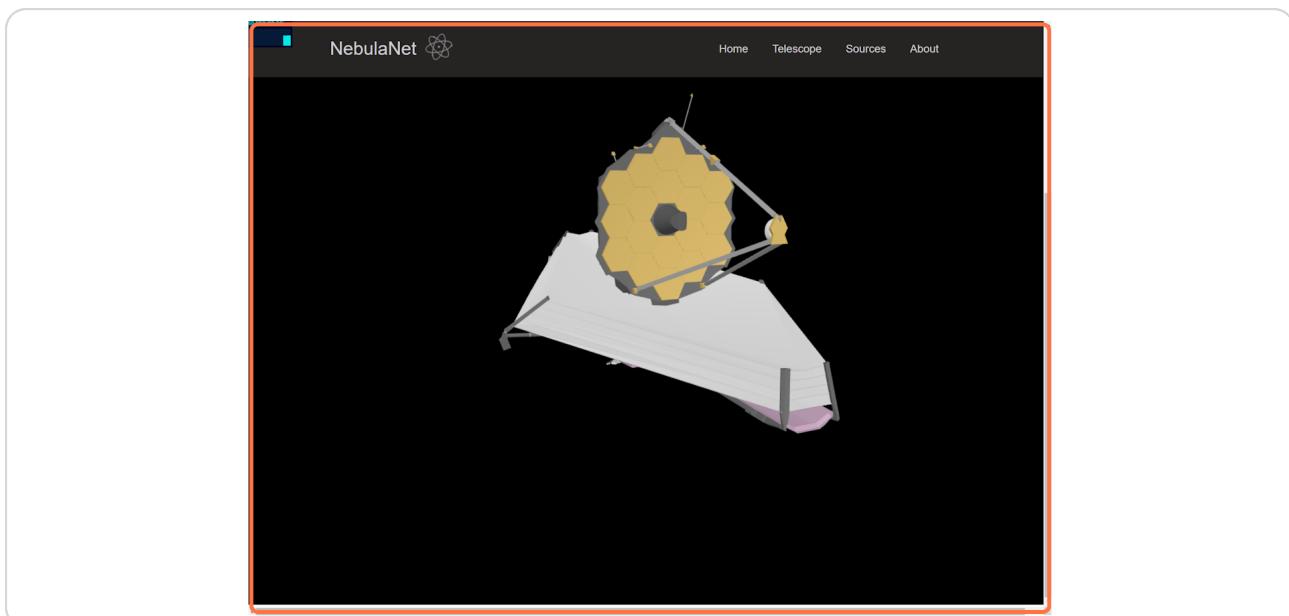
To navigate to the telescope page



STEP 3

Drag highlighted element

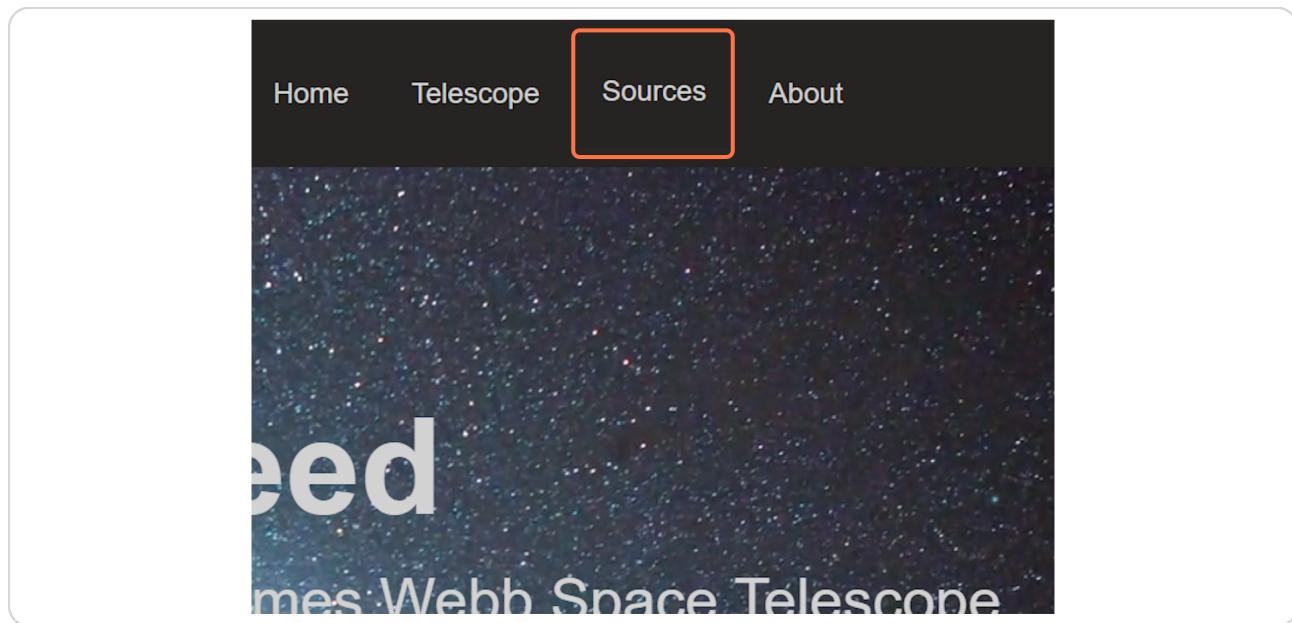
This is a 3d model of the telescope you can interact with.



STEP 4

Click on Sources

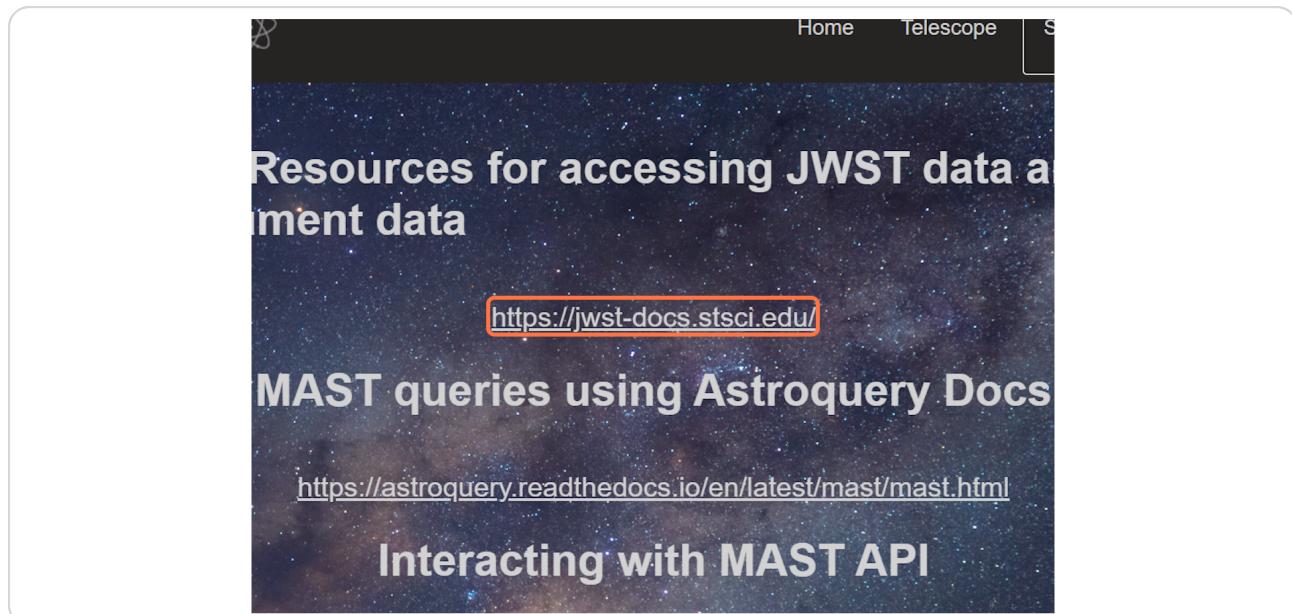
To navigate to the Sources page that has a the link to all refferences used.



STEP 5

Click on <https://jwst-docs.stsci.edu/>

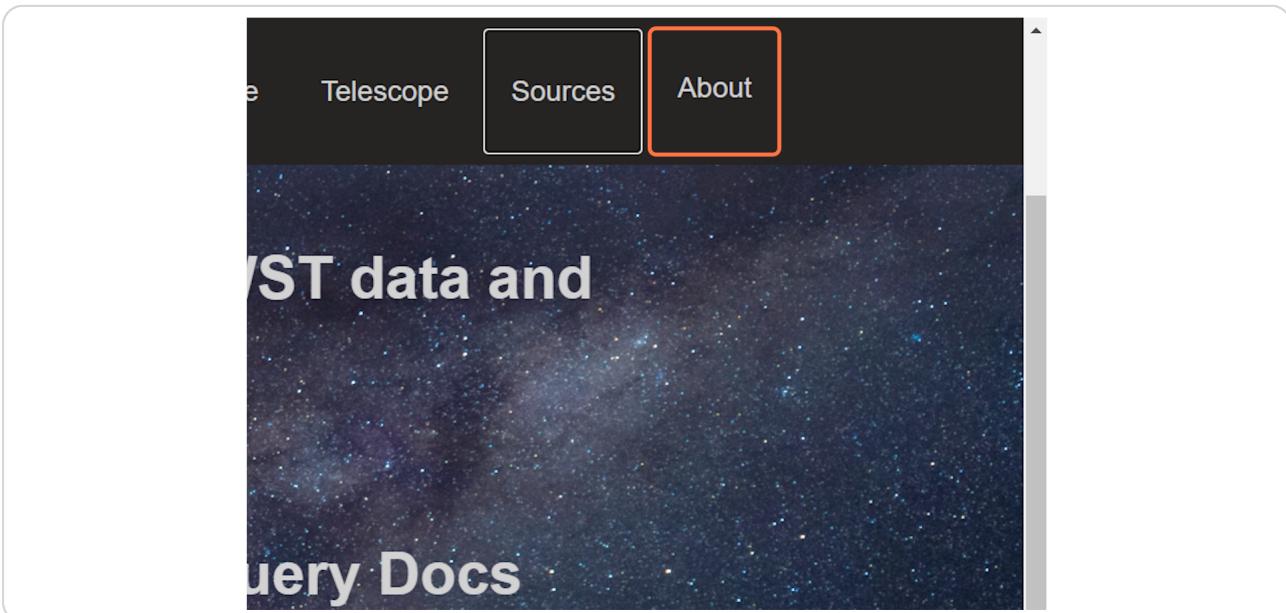
Click any link to view the webpage that we used as a sources.



STEP 6

Click on About

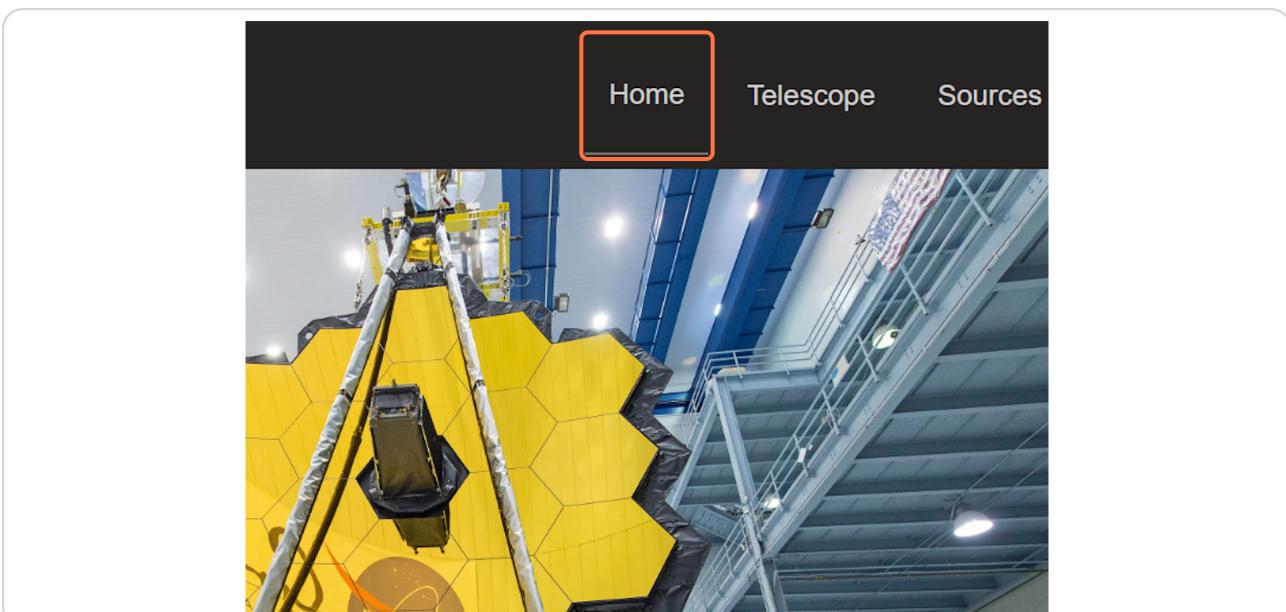
to navigate to the About page and read about the project



STEP 7

Click on Home

Click home to navigate back to the home page and the photos or rotation.



STEP 8

Clearly the sky isn't the limit

Enjoy the Stars

nger wavelength, is less hindered by the small dust particles, allowing near-infrared telescopes to see through the dust. By observing the emitted near-infrared light we can penetrate the dust and see the stars and planets behind it. Objects of about Earth's temperature emit most of their radiation at mid-infrared wavelengths. These wavelengths are also found in dusty regions forming stars and planets, so with mid-infrared radiation we can see the process of planet formation taking place. An infrared-optimized telescope allows us to penetrate the dust and see the stars and planets.

This website was created for CS 422 during Winter 2024 at the University of Oregon.
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Clearly the sky isn't the limit

NebulaNet 

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