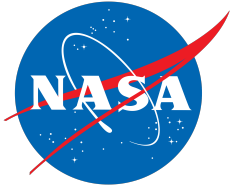




# Resource Catalog

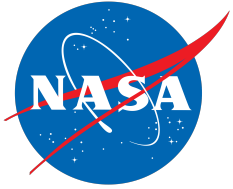
April 20, 2017

Sean Hardman

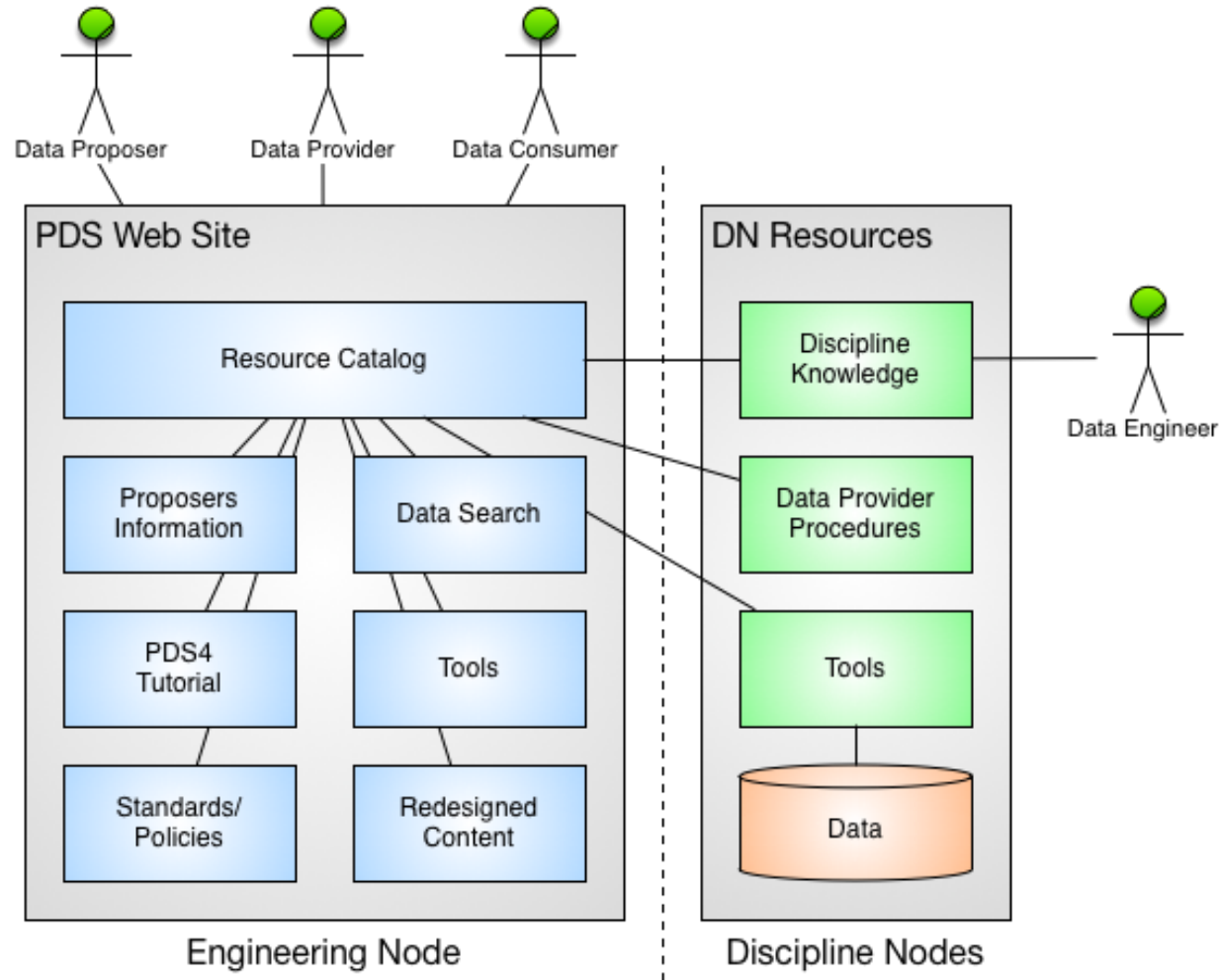


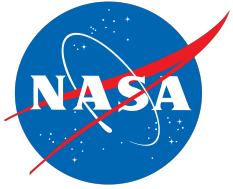
# Overview

- The Resource Catalog provides an introductory interface for novice users (Providers as well as Consumers) to aide in directing them to the proper set of resources available across the PDS to match their request.
  - Extensible to follow different decision paths
- The vision of this effort is an interface similar to Turbo Tax, where the user is guided to resources through a series of questions.
  - Previewed with the Tool WG at the April meeting

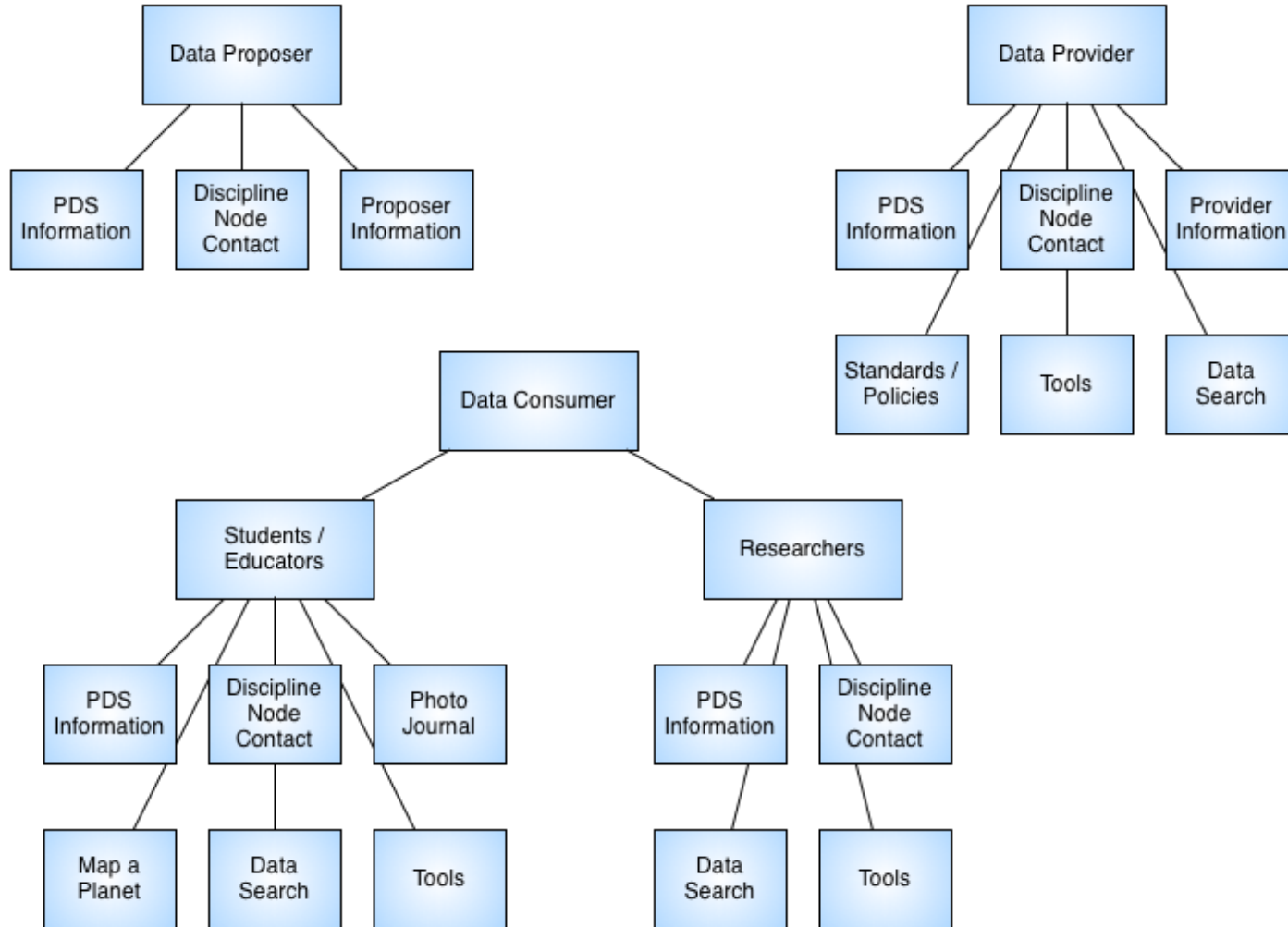


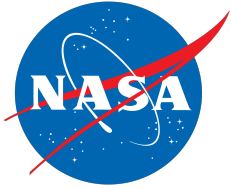
# Architecture





# Decision Tree





# Resource Catalog

(<http://pds-gamma.jpl.nasa.gov>)






The screenshot shows a web browser window with the URL <https://pds-gamma.jpl.nasa.gov>. The page title is "Welcome to the Planetary Data System". The main content area is a white modal window with the following text:

**Welcome to the PDS Resource Catalog!**

This tool will help guide you to the proper set of PDS resources.

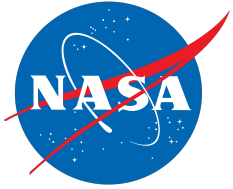
**First thing, what type of user are you?**

Three circular icons are displayed, each with a label below it:

-  **Data Proposer**
-  **Data Provider**
-  **Data Consumer**

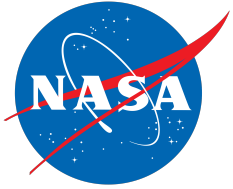
Below the icons is a blue button that says "DO NOT SHOW THIS AGAIN".

The background of the website is dark blue with a starry pattern. On the left side, there are sections for "New Releases", "Quick Searches", and "PDS Nodes". The "New Releases" section lists dates and mission names like "April 6, 2017 Cassini Data Release 49". The "Quick Searches" section lists various planetary bodies and objects like "Mars Science Laboratory", "Mercury", "Venus", "Mars", "Jupiter", "Saturn", "Uranus, Neptune, Pluto", "Rings", "Asteroids", "Comets", "Planetary Dust", "Earth's Moon", and "Solar Wind". The "PDS Nodes" section lists various data types and services like "Atmospheres", "Geosciences", "Cartography and Imaging Sciences", "Navigational & Ancillary Information (NAIF)", "Planetary Plasma Interactions (PPI)", "PDS4 Archiving Standards and Documents", "PDS Node Contacts", "Information for PDS4 proposers", "Response to PDART", "Response to Discovery AO", "Response to SALMON-2 AO", and "Response to SIMPLEX".

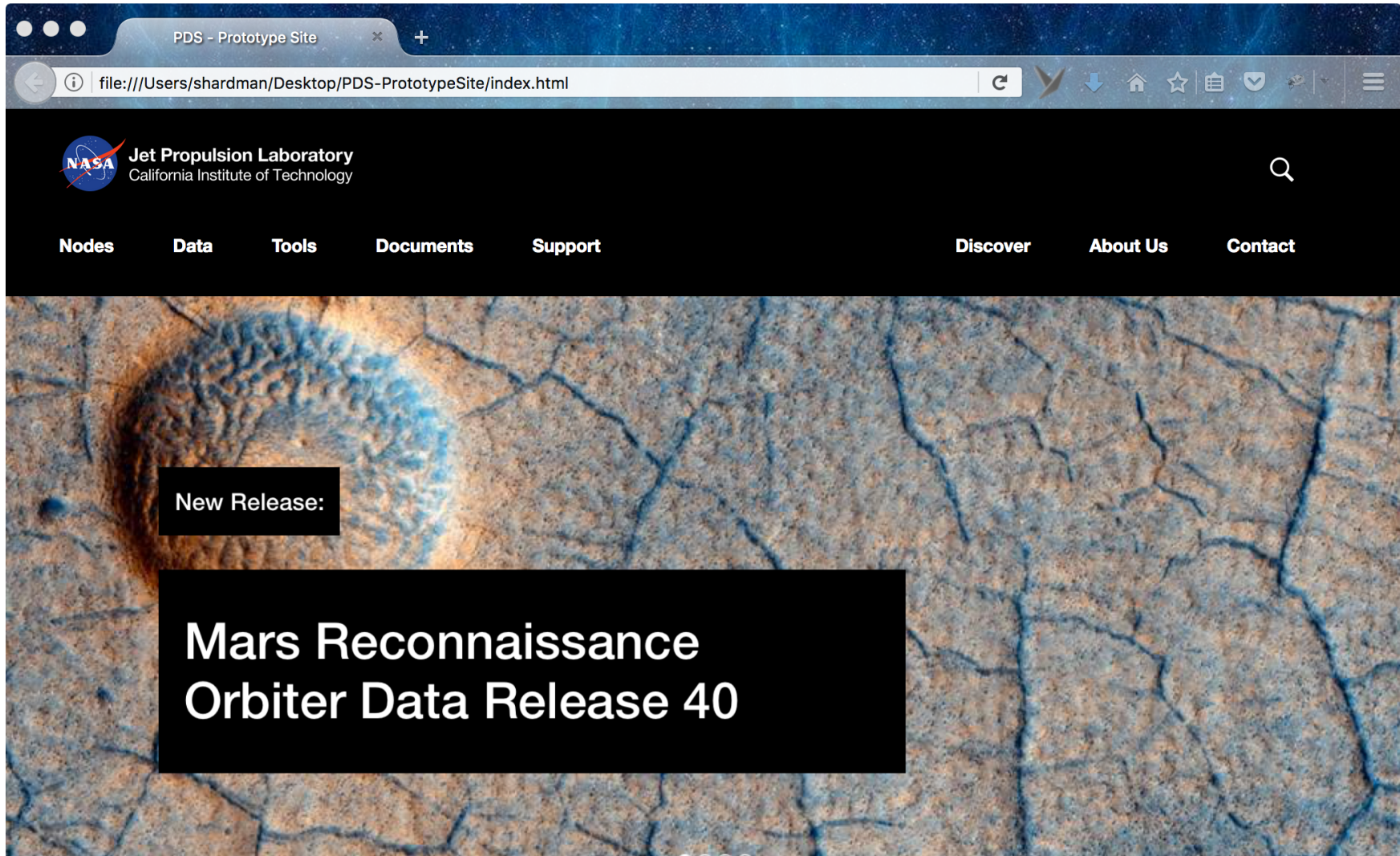


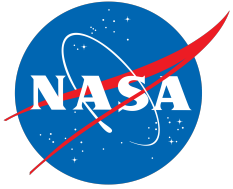
# Web Site Redesign

- During this process we have also explored design options for the PDS home page/portal
  - Fresh look-and-feel
  - Better support for the Resource Catalog application.
  - Better integration of the PDS3/PDS4 content.



# Site Design Concept





# Next Steps

- Transition the Resource Catalog to operations.
  - Continue to work on the decision tree and add additional resources as appropriate.
  - Identify appropriate Discipline Node resources for integration into the application.
- Integrate the application with the new PDS web site design.
  - Review the design progress with the Tool WG.
  - Discuss at the next MC F2F with targeted release with Build 8a (September 2017).



Questions/Comments