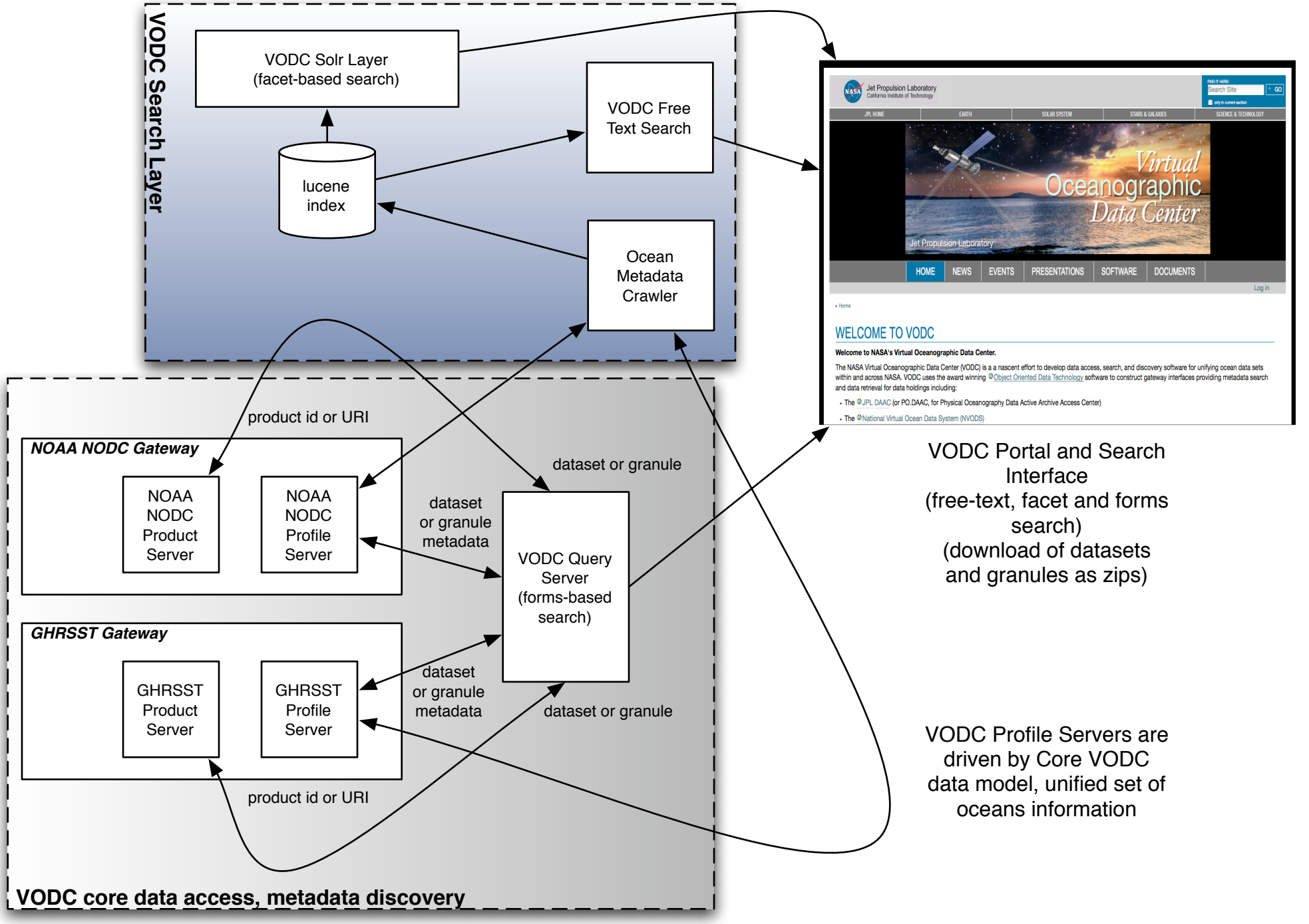
VODC Search Layer
VODC Solr Layer
(facet-based search)
lucene
index
VODC Free
Text Search
Ocean
Metadata
Crawler
Jet Propulsion Laboratory
California Institute of Technology
Virtual
Oceanographic
Data Center
HOME
NEWS
EVENTS
PRESENTATIONS
SOFTWARE
DOCUMENTS
WELCOME TO VODC
Welcome to NASA's Virtual Oceanographic Data Center.
The NASA Virtual Oceanographic Data Center (VODC) is a a nascent effort to develop data access, search, and discovery software for unifying ocean data sets within and across NASA. VODC uses the award winning Object Oriented Data Technology software to construct gateway interfaces providing metadata search and data retrieval for data holdings including:
The JPL DAAC (or PO.DAAC, for Physical Oceanography Data Active Archive Access Center)
The National Virtual Ocean Data System (NVODS)
VODC Portal and Search
Interface
(free-text, facet and forms
search)
(download of datasets
and granules as zips)
product id or URI
NOAA NODC Gateway
NOAA
NODC
Product
Server
NOAA
NODC
Profile
Server
dataset or granule
dataset
or granule
metadata
VODC Query
Server
(forms-based
search)
GHRSST Gateway
GHRSST
Product
Server
GHRSST
Profile
Server
dataset
or granule
metadata
dataset or granule
product id or URI
VODC Profile Servers are
driven by Core VODC
data model, unified set of
oceans information
VODC core data access, metadata discovery