



NED

Progress Report: NED SIAv2 service

R.Ebert, O. Pevunova & NED Team
presented by Bruce Berriman

NED has adopted the following documents
dates/versions for our first SIA service implementation.

Document	Version	Date
<u>Primary</u>		
IVOA Simple Image Access	2	12/23/15
<u>Secondary</u>		
Data Access Layer Interface	1	11/29/13
IVOA Support Interfaces	1	3/11/10
Simple Image Access Specification	1	11/11/09
IANA: tab separated values		7/15/11
VOTable Format Definition	1.3	9/20/13
Table Access Protocol	1	3/27/10
Observation Data Model Core Components and its Implementation in the Table Access Protocol	1	10/28/11
IVOA DataLink	1	6/17/15
Space-Time Coordinate Metadata for the Virtual Observatory	1.33	10/30/07
VODataService: a VOResource Schema Extension for Describing Collections and Services	1.1	12/2/10
StandardsRegExt: a VOResource Schema Extension for Describing IVOA Standards	1	5/8/12

NED has proposed this set as a standard for other
NASA (NAVO) implementations

IVOA General Meeting
2016-05-12

NASA/IPAC Extragalactic Database (NED) is operated by the Jet Propulsion Laboratory, California Institute of Technology, under contract with the National Aeronautics and Space Administration.



NASA



JPL



Caltech



ipac

The logo for the NASA/IPAC Extragalactic Database (NED) features the letters "NED" in a bold, black, sans-serif font. The text is set against a blue, glowing, elliptical background that resembles a nebula or a galaxy, with several small white stars scattered around it.

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NED is using

Canadian Astronomy Data Centre:

<http://www1.cadc-ccda.hia-ihp.nrc-cnrc.gc.ca/sia/>

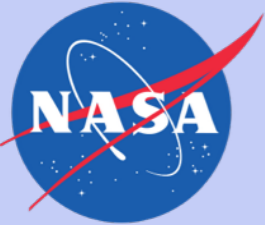
as a working reference implementation for the kind
of service we are building.

Reference implementations are a valuable resource
for validating systems, and understanding the intent of standards

The NASA logo, featuring the word "NASA" in white, bold, sans-serif capital letters, centered within a blue circular field. A red swoosh, representing a spacecraft's trajectory, curves across the top of the circle.The JPL logo, consisting of the letters "JPL" in a bold, red, sans-serif font.The Caltech logo, featuring the word "Caltech" in a bold, orange, sans-serif font.

The logo for the NASA Extragalactic Database (NED), featuring the letters "NED" in a bold, black, sans-serif font. The text is set against a blue, glowing, elliptical background that resembles a galaxy or a nebula, with several small white stars scattered around it.

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NED near term implementation:

Early 2016: phase 1 Database/data
DB refactoring to support some of ObsCore with 2-D images.



Early Summer 2016: Preliminary version 0.7
Target (by name) query only.

Summer 2016: database structures
Support for higher dimension data

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Fall 2016: Interoperable Version 1
General access

