# HPDE Assets

(SPASE, Metadata, IHDEA, HAPI)

Revised: 2020-May-29

# Web sites:

    spase-group.org

Host location: UCLA/IGPP

Host platform: Tomcat 7 on metal

Domain Registration: domain.com under Todd's account

Domain Expiration: 2021-07-07

Source location: IGPP internal Gitlab (git.igpp.ucla.edu/spase/website2)

Administrator: Todd/Bill (IGPP sys admin)

Site Role: All information about SPASE, location of information model spec.

    ihdea.net

Host location: Github.com

Host platform: Static pages

Domain Registration: domain.com under Todd's account

Domain Expiration: 2023-10-20

Source location: <https://github.com/IHDE-Alliance/ihde-alliance.github.io>

Administrator: Todd

Site Role: All information about IHDEA.

    spase.info

Host location: UCLA/IGPP

Host platform: Tomcat 7 on metal

Domain Registration: joker.com. I think Ed Bell created the original registration.

Domain Expiration: 2023-09-14

Source location: <https://github.com/IHDE-Alliance/ihde-alliance.github.io>

Administrator: Todd

Site Role: Public registry of SPASE metadata and landing pages for DOI.

    Hapi-server.org

Host location: Github.com

Host platform: Static pages

Domain Registration: godaddy.com. I think Jeremy Faden created the original registration.

Domain Expiration: 2024-05-16

Source location: <https://github.com/hapi-server>

Administrator: Jon/Jeremy

Site Role: All information about HAPI server spec.

# SPASE web tools

   Validator

URL location: <http://spase-group.org/tools/validate/>

Host platform: Tomcat 7 on metal

Language: Java and JSP

Source location: <https://github.com/spase-group/registry-services>

Administrator: Todd

   Main spec document generator

Host platform: Command line (Windows or Linux)

Language: Java and SQL

Source location: <https://github.com/spase-group/spase-model-tools>

Administrator: Todd

   Metadata editor (SMWT)

URL location: <http://spase-group.org/tools/validate/>

Host platform: LAMP web server in a container.

Language: HTML/Javascript and PHP

Source location: IGPP internal Gitlab (git.igpp.ucla.edu/spase/xmleditor)

Administrator: Todd

   Schema

URL location: <http://spase-group.org/tools/model/schema/>

Host platform: Tomcat 7 on metal

Language: XML Schema

Source location: IGPP internal Gitlab (git.igpp.ucla.edu/spase/website2)

Administrator: Todd

Registry explorer

URL location: <http://spase-group.org/smwg/explorer/> (tree)

<http://spase-group.org/registry/explorer/> (tree)

<http://spase.info> (responsive and landing pages)

Host platform: Tomcat 7 on metal

Language: Java

Source location: <https://github.com/spase-group/registry-services>

Administrator: Todd

SPASE School (put in SPASE editor context?  Rethink?  Videos?)

URL location: <http://spase-group.org/school/>

Host platform: Tomcat7 but really they are HTML/Javascript static pages

Language: XML Schema

Source location: IGPP internal Gitlab (git.igpp.ucla.edu/spase/school)

Administrator: Todd

# Documents (Conventions)

Source Location: Todd's desktop. PDF versions included in SPASE website repository.

Parameter Key Formation for Plain Text Data

Describes Parameter Key formation rules for describing simple tabular plain text files.

Data Model Version Numbers

Describes how versions numbers are assigned to each instance of the SPASE Data Model.

Resource ID Formation Rule

A common convention for the formation of resource identifiers used in a SPASE resource description.

Text Normalization and Mark-up

Describe how to normalize and mark-up text in a SPASE resource descirption to define a desired layout or format.

Heliophysics Event List (Catalogue) Format

Describes the Heliophysics Event List format which is a plain text data format with metadata embedded in comments.

# Model Specification

HTML

<http://spase-group.org/data/model/>

Source: Generated and bundled in web site repository

PDF

<http://spase-group.org/docs/dictionary/>

Source: Generated and bundled in web site repository

# Social Media Accounts

Youtube: spase@igpp.ucla.edu

Google: spase@igpp.ucla.edu

Twitter: spase@igpp.ucla.edu

# Github Organizations/Repositories

## IHDEA-Alliance @IHDE-Alliance

International Heliophysics Data Environment Alliance

Owner: Todd

[**ihde-alliance.github.io**](https://github.com/IHDE-Alliance/ihde-alliance.github.io)

IHDEA website

JavaScript

Apache-2.0

0

0

[0](https://github.com/IHDE-Alliance/ihde-alliance.github.io/issues)

[0](https://github.com/IHDE-Alliance/ihde-alliance.github.io/pulls)

Updated

on Mar 26

## HAPI @hapi-server

Heliophysics Application Programmer’s Interface (HAPI) specification for a set of services to enable access to data and metadata.

Owner: Todd

[**client-python**](https://github.com/hapi-server/client-python)

Python client for HAPI

Python

BSD-3-Clause

[3](https://github.com/hapi-server/client-python/network/members)

[7](https://github.com/hapi-server/client-python/stargazers)

[2](https://github.com/hapi-server/client-python/issues)

[0](https://github.com/hapi-server/client-python/pulls)

Updated

6

days ago

[**server-nodejs**](https://github.com/hapi-server/server-nodejs)

General-use HAPI server front-end implemented in node.js.

JavaScript

MIT

0

0

[3](https://github.com/hapi-server/server-nodejs/issues)

[1](https://github.com/hapi-server/server-nodejs/pulls)

Updated

6

days ago

[**plotserver-python**](https://github.com/hapi-server/plotserver-python)

Serve plots from a HAPI server using the hapiplot function in <http://github.com/hapi-server/client-python>

Python

BSD-3-Clause

0

0

[0](https://github.com/hapi-server/plotserver-python/issues)

[0](https://github.com/hapi-server/plotserver-python/pulls)

Updated

7

days ago

[**verifier-nodejs**](https://github.com/hapi-server/verifier-nodejs)

HAPI Server Verifier using node.js and JSON Schema

JavaScript

MIT

[1](https://github.com/hapi-server/verifier-nodejs/network/members)

0

[1](https://github.com/hapi-server/verifier-nodejs/issues)

[1](https://github.com/hapi-server/verifier-nodejs/pulls)

Updated

7

days ago

[**client-java**](https://github.com/hapi-server/client-java)

Java client for accessing HAPI servers.

Java  [0](https://github.com/hapi-server/client-java/pulls)  Updated 9 days ago

0

0

[1](https://github.com/hapi-server/client-java/issues)

[**client-matlab**](https://github.com/hapi-server/client-matlab)

MATLAB client for accessing HAPI data

MATLAB

0

0

[0](https://github.com/hapi-server/client-matlab/issues)

[0](https://github.com/hapi-server/client-matlab/pulls)

Updated

17

days ago

[**hapi-server.github.io**](https://github.com/hapi-server/hapi-server.github.io)

dedicated repo with specific name required for holding GitHub pages

CSS

0

[1](https://github.com/hapi-server/hapi-server.github.io/stargazers)

[0](https://github.com/hapi-server/hapi-server.github.io/issues)

[0](https://github.com/hapi-server/hapi-server.github.io/pulls)

Updated

on Apr 27

[**data-specification**](https://github.com/hapi-server/data-specification)

HAPI Data Access Specification

[4](https://github.com/hapi-server/data-specification/network/members)

[8](https://github.com/hapi-server/data-specification/stargazers)

[15](https://github.com/hapi-server/data-specification/issues)

[0](https://github.com/hapi-server/data-specification/pulls)

Updated

on Apr 27

[**servers**](https://github.com/hapi-server/servers)

Catalogs of known HAPI servers

[1](https://github.com/hapi-server/servers/network/members)

0

[1](https://github.com/hapi-server/servers/issues)

[0](https://github.com/hapi-server/servers/pulls)

Updated

on Aug 26, 2019

[**client-python-notebooks**](https://github.com/hapi-server/client-python-notebooks)

Demonstration notebooks for the client-python project

Jupyter Notebook

0

0

[0](https://github.com/hapi-server/client-python-notebooks/issues)

[0](https://github.com/hapi-server/client-python-notebooks/pulls)

Updated

on May 21, 2019

[**cache-tools**](https://github.com/hapi-server/cache-tools)

A collection of tools for reading, writing, and managing a cache of HAPI responses

Python

0

0

[0](https://github.com/hapi-server/cache-tools/issues)

[0](https://github.com/hapi-server/cache-tools/pulls)

Updated

on May 7, 2019

[**uri-templates**](https://github.com/hapi-server/uri-templates)

Repository of tools for URI templates

0

0

[1](https://github.com/hapi-server/uri-templates/issues)

[0](https://github.com/hapi-server/uri-templates/pulls)

Updated

on May 1, 2019

[**client-javascript**](https://github.com/hapi-server/client-javascript)

A HAPI client implemented in Javascript

[**server-python**](https://github.com/hapi-server/server-python)

simple server written in Python, to support Raspberry Pi

Python

0

0

[0](https://github.com/hapi-server/server-python/issues)

[0](https://github.com/hapi-server/server-python/pulls)

Updated

on Jun 5, 2018

[**client-idl**](https://github.com/hapi-server/client-idl)

0

0

[0](https://github.com/hapi-server/client-javascript/issues)

[0](https://github.com/hapi-server/client-javascript/pulls)

Updated

on Feb 27, 2019

IDL client for obtaining data from a HAPI server

IDL

0

0

[0](https://github.com/hapi-server/client-idl/issues)

[0](https://github.com/hapi-server/client-idl/pulls)

Updated

on Dec 6, 2017

[**verifier-java**](https://github.com/hapi-server/verifier-java)

Java code for verifying HAPI servers

Java

0

0

[0](https://github.com/hapi-server/verifier-java/issues)

[0](https://github.com/hapi-server/verifier-java/pulls)

Updated

on Aug 14, 2017

## hpde @hpde

Heliophysics Data Environment (HPDE) Metadata

Owner: Jan Merka with Todd as an admin

[**Deprecated**](https://github.com/hpde/Deprecated)

Resource descriptions that have been superseded.

0

0

[0](https://github.com/hpde/Deprecated/issues)

[0](https://github.com/hpde/Deprecated/pulls)

Updated

yesterday

[**VSPO**](https://github.com/hpde/VSPO)

SPASE resource descriptions with VSPO naming authority.

0

0

[0](https://github.com/hpde/VSPO/issues)

[0](https://github.com/hpde/VSPO/pulls)

Updated

yesterday

[**GBO**](https://github.com/hpde/GBO)

SPASE descriptions from Ground Based Observatory.

[1](https://github.com/hpde/GBO/network/members)

0

[0](https://github.com/hpde/GBO/issues)

[0](https://github.com/hpde/GBO/pulls)

Updated

7

days ago

[**SMWG**](https://github.com/hpde/SMWG)

SPASE resource descriptions with SMWG naming authority.

[4](https://github.com/hpde/SMWG/network/members)

[1](https://github.com/hpde/SMWG/stargazers)

[2](https://github.com/hpde/SMWG/issues)

[3](https://github.com/hpde/SMWG/pulls)

Updated

7

days ago

[**ESA**](https://github.com/hpde/ESA)

SPASE resource descriptions with ESA naming authority.

[0](https://github.com/hpde/ESA/pulls)  Updated 18 days ago

0

0

[0](https://github.com/hpde/ESA/issues)

[**NOAA**](https://github.com/hpde/NOAA)

Resource descriptions with NOAA IDs in SPASE metadata format

0

0

[0](https://github.com/hpde/NOAA/issues)

[0](https://github.com/hpde/NOAA/pulls)

Updated

22

days ago

[**NASA**](https://github.com/hpde/NASA)

SPASE resource descriptions with the NASA naming authority.

0

0

[0](https://github.com/hpde/NASA/issues)

[0](https://github.com/hpde/NASA/pulls)

Updated

on Apr 20

[**NSF**](https://github.com/hpde/NSF)

SPASE resource descriptions with NSF naming authority.

0

0

[0](https://github.com/hpde/NSF/issues)

[0](https://github.com/hpde/NSF/pulls)

Updated

on Feb 8

[**CNES**](https://github.com/hpde/CNES)

SPASE resource descriptions with CNES naming authority.

0

0

[0](https://github.com/hpde/CNES/issues)

[0](https://github.com/hpde/CNES/pulls)

Updated

on Feb 8

[**JAXA**](https://github.com/hpde/JAXA)

SPASE resource descriptions with JAXA naming authority.

0

0

[0](https://github.com/hpde/JAXA/issues)

[0](https://github.com/hpde/JAXA/pulls)

Updated

on Feb 8

[**ISWI**](https://github.com/hpde/ISWI)

SPASE resource descriptions with ISWI naming authority.

0

0

[0](https://github.com/hpde/ISWI/issues)

[0](https://github.com/hpde/ISWI/pulls)

Updated

on Feb 8

[**CSSDP**](https://github.com/hpde/CSSDP)

SPASE resource descriptions with CSSDP naming authority.

0

0

[0](https://github.com/hpde/CSSDP/issues)

[0](https://github.com/hpde/CSSDP/pulls)

Updated

on Feb 8

[**CCMC**](https://github.com/hpde/CCMC)

SPASE resource descriptions with CCMC naming authority.

0

[1](https://github.com/hpde/CCMC/stargazers)

[0](https://github.com/hpde/CCMC/issues)

[0](https://github.com/hpde/CCMC/pulls)

Updated

on Feb 8

[**ASWS**](https://github.com/hpde/ASWS)

SPASE resource descriptions with ASWS naming authority.

[1](https://github.com/hpde/ASWS/network/members)

0

[0](https://github.com/hpde/ASWS/issues)

[0](https://github.com/hpde/ASWS/pulls)

Updated

on Feb 8

[**documents**](https://github.com/hpde/documents)

HPDE specifications, recommendations and related documents.

Apache-2.0

0

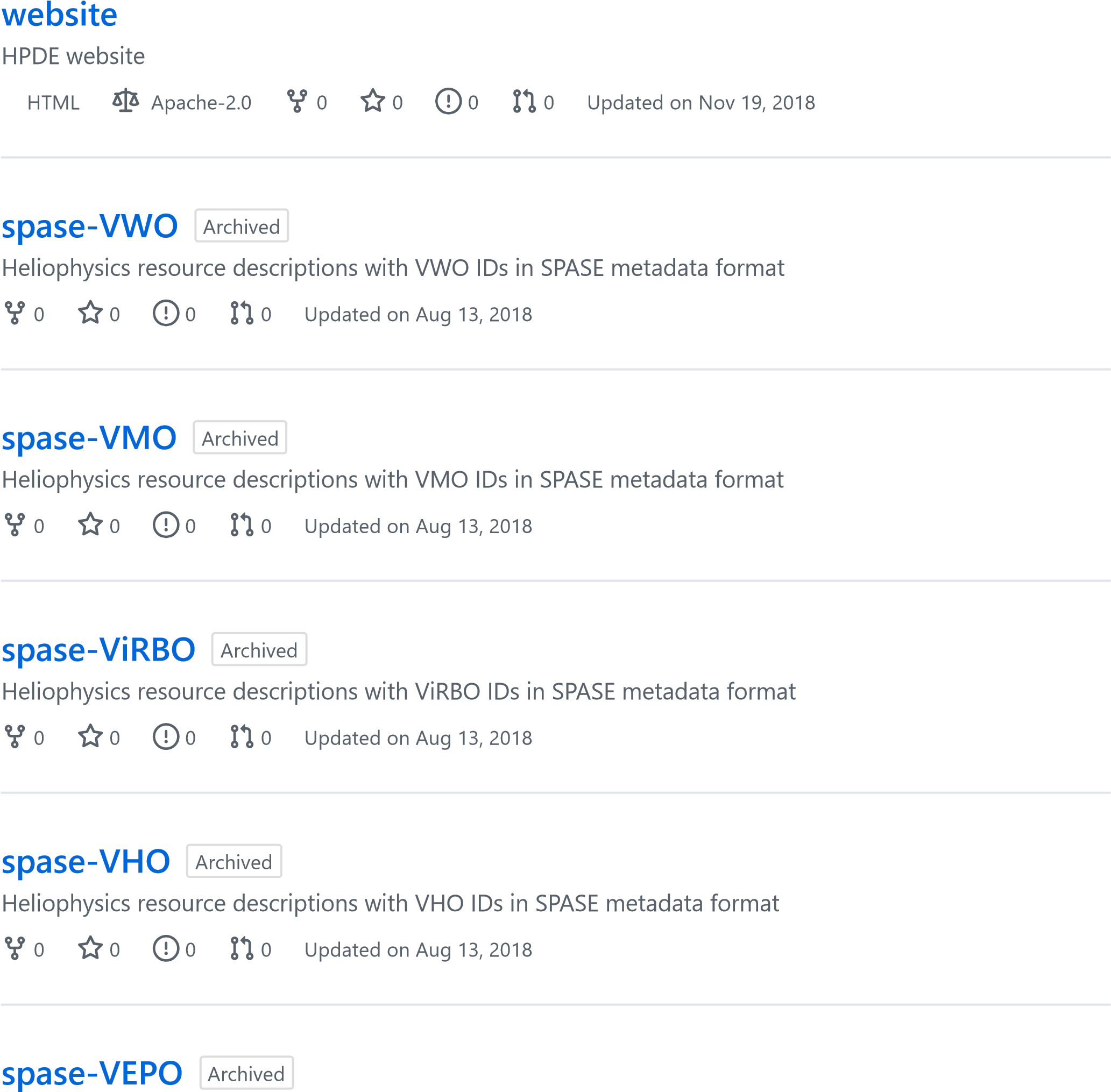
0

[0](https://github.com/hpde/documents/issues)

[0](https://github.com/hpde/documents/pulls)

Updated

on Nov 7, 2019



Heliophysics resource descriptions with VEPO IDs in SPASE metadata format

0

0

[0](https://github.com/hpde/spase-VEPO/issues)

[0](https://github.com/hpde/spase-VEPO/pulls)

Updated

on Aug 13, 2018

[**O**](https://github.com/hpde/spase-VITMO)

[**spase-VITM**](https://github.com/hpde/spase-VITMO)

Archived

Heliophysics resource descriptions with VITMO IDs in SPASE metadata format

0

0

[0](https://github.com/hpde/spase-VITMO/issues)

[0](https://github.com/hpde/spase-VITMO/pulls)

Updated

on Jan 18, 2018

## spase-group @spase-group

Space Physics Archive Search and Extract (SPASE) specifications, software and tools.

Owner: Todd

[**resource-tools-node**](https://github.com/spase-group/resource-tools-node)

A collection of tools for working with SPASE resource descriptions.

JavaScript

Apache-2.0

0

0

[0](https://github.com/spase-group/resource-tools-node/issues)

[1](https://github.com/spase-group/resource-tools-node/pulls)

Updated

on Nov 2, 2019

[**spase-model-tools**](https://github.com/spase-group/spase-model-tools)

Tools to generate usable expressions (i.e. XSD) of a data model specification.

Java

0

0

[0](https://github.com/spase-group/spase-model-tools/issues)

[0](https://github.com/spase-group/spase-model-tools/pulls)

Updated

on Oct 10, 2019

[**spase-base-model**](https://github.com/spase-group/spase-base-model)

Specification for the SPASE base information model.

TSQL

Apache-2.0

0

0

[0](https://github.com/spase-group/spase-base-model/issues)

[0](https://github.com/spase-group/spase-base-model/pulls)

Updated

on Oct 2, 2019

[**spase-sim-model**](https://github.com/spase-group/spase-sim-model)

Simulation extensions to the SPASE information model.

TSQL

Apache-2.0

0

0

[0](https://github.com/spase-group/spase-sim-model/issues)

[0](https://github.com/spase-group/spase-sim-model/pulls)

Updated

on Sep 26, 2019

[**registry-services**](https://github.com/spase-group/registry-services)

Servlets to provide a SPASE compliant registry services packaged as a deployable web application.

Java  [0](https://github.com/spase-group/registry-services/pulls)  Updated on Mar 3, 2016

[1](https://github.com/spase-group/registry-services/network/members)

[1](https://github.com/spase-group/registry-services/stargazers)

[0](https://github.com/spase-group/registry-services/issues)

[**resource-tools**](https://github.com/spase-group/resource-tools)

Collection of tools for procesisng and using SPASE description and SPASE services.

Java

0

[1](https://github.com/spase-group/resource-tools/stargazers)

[0](https://github.com/spase-group/resource-tools/issues)

[0](https://github.com/spase-group/resource-tools/pulls)

Updated

on Feb 10, 2016