

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 description 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

International Heliophysics Data Environment Alliance

Owner: Todd

ihde-alliance.github.io

IHDEA website

JavaScript  Apache-2.0  0  0  0  0 Updated on Mar 26



HAPI

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

Owner: Todd

client-python

Python client for HAPI

Python  BSD-3-Clause  3  7  2  0 Updated 6 days ago

server-nodejs

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

JavaScript  MIT  0  0  3  1 Updated 6 days ago

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  0 Updated 7 days ago





verifier-nodejs

HAPI Server Verifier using node.js and JSON Schema

JavaScript  MIT  1  0  1  1 Updated 7 days ago

client-java

Java client for accessing HAPI servers.

Java  0  0  1  0 Updated 9 days ago


client-matlab

MATLAB client for accessing HAPI data

MATLAB  0  0  0  0 Updated 17 days ago

hapi-server.github.io

dedicated repo with specific name required for holding GitHub pages

CSS  0  1  0  0 Updated on Apr 27

data-specification

HAPI Data Access Specification

 4  8  15  0 Updated on Apr 27

servers

Catalogs of known HAPI servers

 1  0  1  0 Updated on Aug 26, 2019





client-python-notebooks

Demonstration notebooks for the client-python project

Jupyter Notebook  0  0  0  0 Updated on May 21, 2019

cache-tools

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

Python  0  0  0  0 Updated on May 7, 2019

uri-templates

Repository of tools for URI templates





 0  0  1  0 Updated on May 1, 2019

client-javascript

A HAPI client implemented in Javascript

server-python

simple server written in Python, to support Raspberry Pi

Python  0  0  0  0 Updated on Jun 5, 2018

client-idl

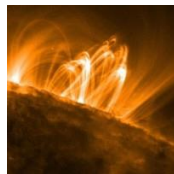
IDL client for obtaining data from a HAPI server

IDL  0  0  0  0 Updated on Dec 6, 2017

verifier-java

Java code for verifying HAPI servers

Java  0  0  0  0 Updated on Aug 14, 2017



hpde

Heliophysics Data Environment (HPDE) Metadata

Owner: Jan Merka with Todd as an admin

Deprecated

Resource descriptions that have been superseded.

 0  0  0  0 Updated yesterday

VSPO

SPASE resource descriptions with VSPO naming authority.

 0  0  0  0 Updated yesterday

GBO

SPASE descriptions from Ground Based Observatory.

 1  0  0  0 Updated 7 days ago

SMWG

SPASE resource descriptions with SMWG naming authority.

 4  1  2  3 Updated 7 days ago

ESA

SPASE resource descriptions with ESA naming authority.

 0  0  0  0 Updated 18 days ago

NOAA

Resource descriptions with NOAA IDs in SPASE metadata format

 0  0  0  0 Updated 22 days ago

NASA

SPASE resource descriptions with the NASA naming authority.

 0  0  0  0 Updated on Apr 20

NSF

SPASE resource descriptions with NSF naming authority.

 0  0  0  0 Updated on Feb 8

CNES

SPASE resource descriptions with CNES naming authority.

 0  0  0  0 Updated on Feb 8

JAXA

SPASE resource descriptions with JAXA naming authority.

 0  0  0  0 Updated on Feb 8

ISWI

SPASE resource descriptions with ISWI naming authority.

 0  0  0  0 Updated on Feb 8

CSSDP

SPASE resource descriptions with CSSDP naming authority.

 0  0  0  0 Updated on Feb 8

CCMC

SPASE resource descriptions with CCMC naming authority.

 0  1  0  0 Updated on Feb 8

ASWS

SPASE resource descriptions with ASWS naming authority.

 1  0  0  0 Updated on Feb 8

documents

HPDE specifications, recommendations and related documents.

 Apache-2.0  0  0  0  0 Updated on Nov 7, 2019

website

HPDE website

HTML  Apache-2.0  0  0  0  0 Updated on Nov 19, 2018

spase-VWO Archived

Heliophysics resource descriptions with VWO IDs in SPASE metadata format

 0  0  0  0 Updated on Aug 13, 2018

spase-VMO Archived

Heliophysics resource descriptions with VMO IDs in SPASE metadata format

 0  0  0  0 Updated on Aug 13, 2018

spase-ViRBO Archived

Heliophysics resource descriptions with ViRBO IDs in SPASE metadata format

 0  0  0  0 Updated on Aug 13, 2018

spase-VHO Archived

Heliophysics resource descriptions with VHO IDs in SPASE metadata format

 0  0  0  0 Updated on Aug 13, 2018

spase-VEPO Archived

Heliophysics resource descriptions with VEPO IDs in SPASE metadata format

 0  0  0  0 Updated on Aug 13, 2018

spase-VITMO

Archived

Heliophysics resource descriptions with VITMO IDs in SPASE metadata format

 0  0  0  0 Updated on Jan 18, 2018



spase-group

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

Owner: Todd

resource-tools-node

A collection of tools for working with SPASE resource descriptions.

JavaScript  Apache-2.0  0  0  0  1 Updated on Nov 2, 2019

spase-model-tools

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

Java  0  0  0  0 Updated on Oct 10, 2019

spase-base-model

Specification for the SPASE base information model.

TSQL  Apache-2.0  0  0  0  0 Updated on Oct 2, 2019

spase-sim-model

Simulation extensions to the SPASE information model.

TSQL  Apache-2.0  0  0  0  0 Updated on Sep 26, 2019

registry-services

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

Java  1  1  0  0 Updated on Mar 3, 2016

resource-tools

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

Java  0  1  0  0 Updated on Feb 10, 2016
