

The background is a dark blue gradient with faint, light blue celestial patterns. On the left side, there is a large circular scale with tick marks and numbers ranging from 140 to 260. Several concentric circles and dashed lines with arrows are scattered across the background, suggesting orbital paths or astronomical data.

SPASE

as of
October 2019

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IHDEA meeting Oct 2019

OVERVIEW

- Web site: <http://spase-group.com>
- SPASE descriptions: <http://github.com/hpde>
- SPASE Tools: <http://github.com/spase-group>
- COSPAR Recommended Standard
[http://ccmc.gsfc.nasa.gov/RoR-
WWW/presentations/PSW_2018_Metadata_Resolution_v3.pdf](http://ccmc.gsfc.nasa.gov/RoR-
WWW/presentations/PSW_2018_Metadata_Resolution_v3.pdf)

Affiliated Sites

- IHDEA: <http://ihdea.net>
- HAPI: <http://github.com/hapi-server> (Also COSPAR recommended)
<http://hapi-server.github.io>

VERSIONS

- 2.3.0
 - Released 2018-05-31
 - DOI and HAPI additions
- 2.3.1 draft
 - Planned release 2019-10-17
 - Revision history addition
 - Wave and Particle enhancements

SPASE INFORMATION MODEL

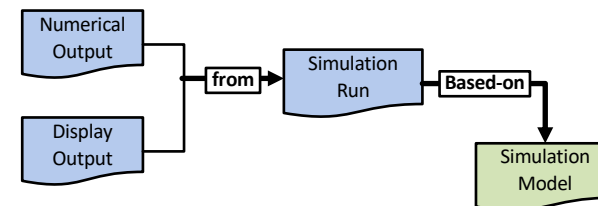
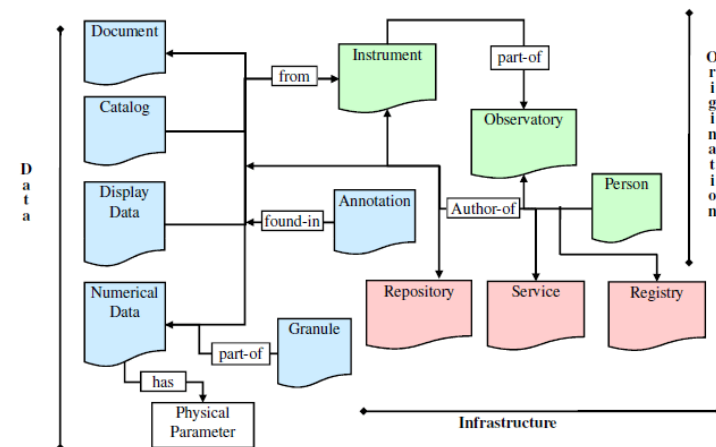
Base Model

- Core Information model
- Describe:
 - Organization
 - Infrastructure
 - data

Simulation Extensions

- Simulation Information Model
- Describe:
 - Simulation Model
 - Runs
 - Output

SPASE Ontology



NEXT STEPS

- Making more elements required (Version 3.0?) to support
 - Consistent detail level metadata.
 - Improved HAPI support (drop-in SPASE -> HAPI server)
 - Integrated round trip (CDF -> SPASE -> HAPI)
 - Easier DOI generation
 - Integrating with International (non-NASA) SPASE descriptions.

Requires:

- Parameter
- TemporalDescription
- ResourceHeader.PublicationInfo
- AccessInformation.AccessURL.Style
- And possibly conditional requirements like SpectralRange when Parameter.Wave is present.

DISCUSSION

