

# SPASE 2.3.2

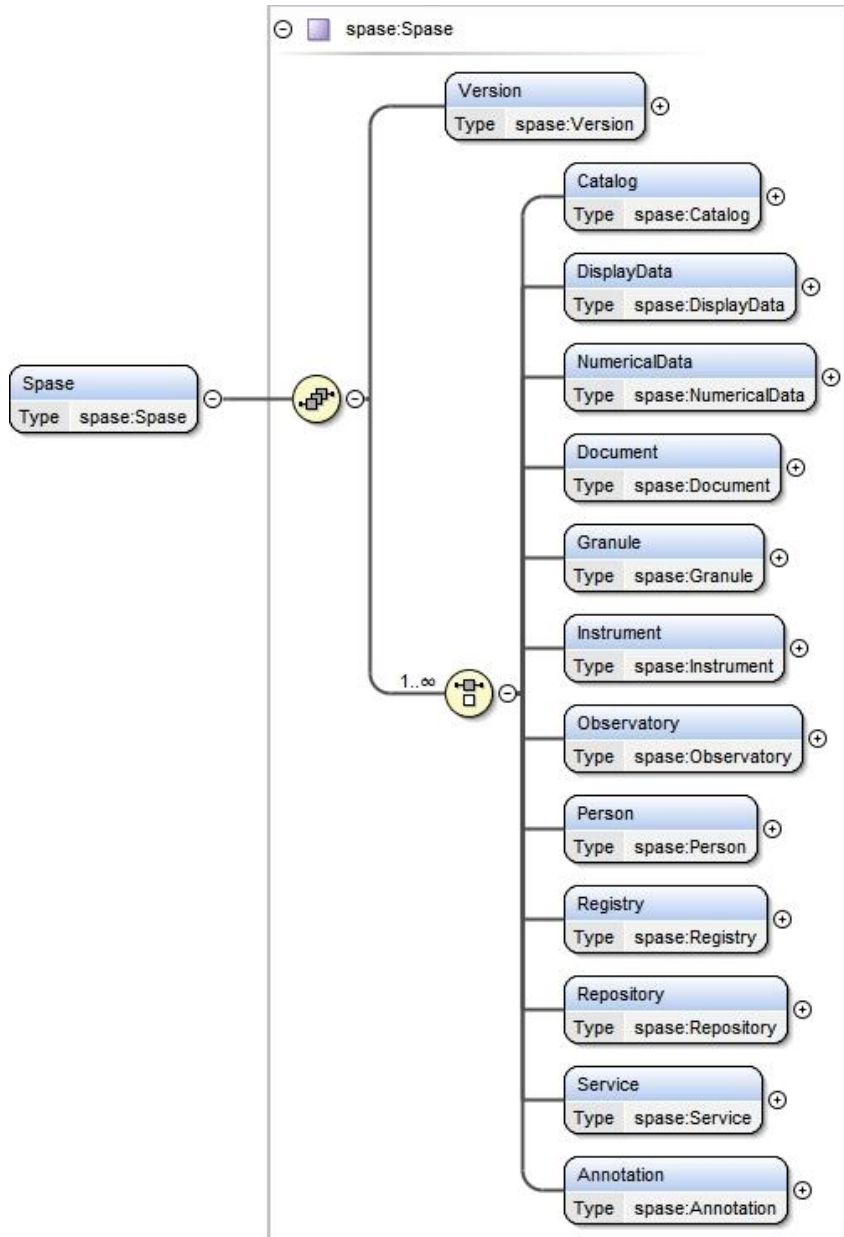
Highlights and new features

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[HTTPS://SPASE-GROUP.ORG](https://spase-group.org)

# Overview

- ▶ SPASE is a community developed information model for describing scientific data.
- ▶ The need for an information was recognized in 1998
- ▶ SPASE Group was formed in 2002.
- ▶ Version 1.0.0 was released in 2005
- ▶ Version 2.0.0 was released in 2009
- ▶ Since 2011 the model has had only minor changes
  - ▶ Simulation Extensions was released in 2014
- ▶ Version 2.3.2 was released 2020 October 15

# SPASE Information Model Schema



← Information Model Version  
One of ...

Data Resources

Origin Resources

Infrastructure Resources

Tag Resource

Space Physics Archive Search and Extract (SPASE). The outermost container or envelope for SPASE metadata. This...

# New Features

Additions 2.3.0 through 2.3.2

- ▶ Support for DOI integration (and generation)
- ▶ Improved classification for access URLs.
- ▶ Wider range of particle and wave data types
- ▶ Support for instrument groups
- ▶ More types of roles (for Contacts)

# Tools and Services

Metadata Repositories

<https://github.com/hpde>

Online Editor

<https://xmleditor.spase-group.org>

Online Validator

<https://validate.spase-group.org>

Command Line Tools

<https://spase-group.org/tools/resource/>

# Conclusions

- ▶ SPASE Information Model is widely used
  - ▶ 12 Naming Authorities
  - ▶ 4,620 Data resources
  - ▶ 9,576 Origin resources (half are Person)
  - ▶ 182 Infrastructure Resources
  - ▶ 9 Tag Resources
- ▶ Supports observational, experimental and simulation data
- ▶ Community defined
- ▶ Open source and open data