asdf$_t$$rans form_s chemas Documentation$

Release 0.5.1.dev2+g2573288

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CONTENTS

The ASDF Transform Schemas define a set of schemas for serializing the models defined by astropy.modeling for the ASDF file format. These schemas are based upon the schemas in the ASDF Standard and are packaged for use by the ASDF library.

Note: This is only a schema package, to use these schemas to serialize astropy models, one must install the asdf-astropy package.

Part I

Included Resources

The following are listings of all the schemas provided by this package for ASDF.

Note: Typically, schemas are used in ASDF via their tag, which can be found in the manifest. Using a transform in ASDF it is recommended that you use the tag instead of a direct reference to the schema. When doing so make sure you are using the correct manifest version.

ONE

TRANSFORM SCHEMAS

The current `transform` schemas:

LEGACY TRANSFORM SCHEMAS

The legacy `transform` schemas:

MANIFESTS

The ASDF tags (described by schemas) available under each ASDF transform schemas version are all described by a single manifest document for that version.

Part II

Developer Resources

CONTRIBUTING

We welcome feedback and contributions of all kinds. Contributions of code, documentation, or general feedback are all appreciated.

4.1 Reporting Issues

Feature requests and bug reports for the Python implementation can be posted at asdf-transform-schemas's github page.

4.2 Contributing Code and Documentation

We love contributions! If you're interested in contributing to this project, please open a Pull Request or issue and we would be glad to work with you.

Note: ASDF-transform-schemas is mostly a collection of schemas for the ASDF format. This means that in addition to contributing a schema, you will likely also need some code to actually handle serializing and deserializing your data. Typically, this code will need to be contributed to asdf-astropy, which is a separate project. Please link your pull requests and issues between the two projects.

CHANGE LOG

5.1 0.6.0 (unreleased)

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5.2 0.5.0 (2024-03-08)

- Update schemas for ASDF standard 1.6.0 [#110]

5.3 0.4.0 (2023-10-18)

- Move root-level $ref in schemas to an allOf combiner. [#87]
- Fix URI fragment format in transform-1.2 schema. [#88]

5.4 0.3.0 (2022-08-22)

- Add schemas to properly support bounding_box and compound_bounding_box. [#31]
- Add fixed and bounds to base transform schema to properly document them. [#34]
- Add input_units_equivalencies to base transform schema to properly document it. [#36]
- Update spline1d schema. [#46]
- Add Schechter1D schema. [#54]
- Fix fix_inputs tag bug. [#57]
- Create docs for package. [#59]
- Move packaging configuration to `pyproject.toml`. [#62]
- Remove unnecessary `tag:` entry from all schemas. [#65]

5.5 0.2.2 (2022-02-24)

- Add inputs and outputs to base transform schema to properly document them. [#33]
- Add spline1d schema. [#41]
- Add cosine, tangent, arcsine, arccosine, and arctangent schemas. [#40]
- Fix circular build dependencies for asdf. [#38]

5.6 0.2.0 (2021-12-13)

- Remove generic-1.x.0 schemas and examples. [#30]

5.7 0.1.0 (2021-11-24)

- Initial release

Part III

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